

American Board Of Health Physics

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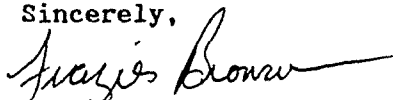
Dear Colleague:

It's been a busy summer and fall for the Board. Now that the Holidays are over, it's time for the Board and Panel members to take a short break, and for the Secretary to report what we've been up to. This newsletter summarizes the June and October Board meetings (each 2-3 days in length), and the 1986 Exam results. Items covered in this newsletter are:

- 1) Note from 1986 Chairman, Bob Casey
- 2) Highlights of the June 28, July 2 1986 Board meeting, Pittsburgh
- 3) Exam Question Validation Rating Scales
- 4) Part I Exam Workshop
- 5) AAHP Functions
- 6) Highlights of the October 19-20 1986 Board Meeting in Tysons Corner, VA
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Best wishes for a happy and prosperous 1987.

Sincerely,



Frazier Bronson
Secretary

1) Note from 1986 Chairman, Bob Casey

Significant growth in the certification process continues. In the last few years, the following changes have occurred: 1) A role delineation was performed which defined the types of activities conducted by professional health physicists and the associated skills and knowledge required to carry out these tasks. The role delineation is used in shaping the content of our exams. 2) Close and effective interaction between the Power Reactor and Comprehensive Panels of Examiners has resulted in excellent exams in which the first six questions are answered by all candidates. 3) A complete revision of the Part I exam is likely to be accomplished for next year's exam.

This type of effort, plus that required to prepare new Part II exams each year (an extraordinarily difficult task), grade questions (every question is graded by at least two people), review applications (last year over 200), and keep the overall process moving forward is substantial. The members of the Board and Panels make an impressive and sometimes unrecognized effort each year. I give my most sincere thanks to all those who worked so hard this year. In addition, the very capable support of Nancy Johnson and Dick Burk in the Secretariat helps to keep the entire program on an even keel.

The relationship between the ABHP and the American Academy of Health Physics continues to develop. I believe that the Academy will be important to the certification process. It clearly should take a portion of the burden formerly carried by the Board. The development of the Academy has been an opening process for the ABHP, and it will result in a clearer vision of the goals ahead. The recent reconsideration of the Board of its intention to eliminate the exemption option in the Power Reactor Certification is a good example. At the request of the Executive Committee of the Academy to open the discussion to the membership of the Academy, the Board delayed final action and requested comments from certified health physicists. This kind of interaction can only help in the years ahead.

Maybe next year we will consider the S.I. unit.

Bob Casey

2) Highlights of the June 28, and July 2, 1986 Board meeting, Pittsburgh.

Dale Denham, Chairman, Comprehensive Panel of Examiners presented and discussed the draft Combined Panel's Procedures manual. This documents the required steps and time table that each panel (Comprehensive and Power Reactor) must follow in the process of developing questions, preparing the exam, grading the exam, and recommending certification.

For the first time, some of the Part II exam questions were of a multiple choice format. The intent is to allow easier and more objective scoring.

The oral re-examination option was given for the last time. The orals were instituted to allow those candidates who just barely failed the written exam to take an oral exam, rather than retaking the written exam.

Concurring with the advice of Professional Examination Service (PES), the Board felt that it was prudent to return to a strict pass/fail criteria, given today's legal climate.

In order to verify compliance with the educational requirements, 1988 exam applicants will be required to submit official college transcripts. The fall 1985 Board meeting established equivalencies for candidates not meeting the minimum education requirements of a BS degree with at least a minor in Health Physics, Math, Physical Science, or Engineering. Twenty semester hours in those areas will be accepted as a minor. Sixty total semester hours in Science or Engineering will be accepted in lieu of the required degree.

The Board voted to allow future Part I exam questions added to the bank to be either in SI units or in conventional units, as appropriate for the question.

Twelve candidates successfully passed the oral re-examinations and 8 comprehensively certified HP's were granted Power Reactor certifications through the exemption process.

3) Exam Question Validation Rating Scales

This year, all exam questions were ranked using a validation process suggested by PES. Each potential question is rated by the Board (or reviewing panel) in four areas:

- 1) Professional level of question compared to expected entry level knowledge
- 2) Importance of knowledge tested to job performance
- 3) Ability of candidate's knowledge in this area to differentiate adequate from inadequate job performance
- 4) Seriousness of the consequences from lack of knowledge of the subject area of the question

All exam questions must meet specific criteria in these areas to be used on the exam.

4) Part I Exam Workshop

Joe Sayeg is the Board's PES coordinator, and therefore organizes the work necessary on the Part I exam. Last February, a 2 day comprehensive review of all of the questions was performed, reviewing each for accuracy and correct subject category according to the Health Physics role delineation model, and performing a validation rating on each question. Many new questions were also created then, and are now in the final review stages. This was a major task, and the Board sincerely thanks the following participants who spent a weekend in Newark NJ on this.

Joe Sayeg, Group Leader	Howard Dickson	Bob Ryan
Lee Booth	Kenneth Kase	Les Slaback

Dick Bowers
Morgan Cox
Larry Cross

John Kelly
Larry McKay
Sydney Porter

John Serabian
Dale Denham
Dennis Quinn

On a similar note, the actual Part I questions are highly confidential, since most are re-used in successive years. Therefore the Board considers it unethical for Part I examinees to divulge exact questions to others, and for lists or "files" of these questions to be maintained or published.

5) AAHP functions

This year was the first where the new AAHP was able to start to perform some of the tasks formerly done by the board. To avoid confusion and delays, comments or complaints in the following areas should be addressed directly to the AAHP officers or committee chairman.

- Continuing Education Credits
- Exam Site Selection
- Dues and Fees

6) Highlights of the October 19-20 1986 Board Meeting in Tysons Corner, VA

There were 162 candidates for Part I this year; 88 of these were successful. Raw scores ranged from 48 to 137 with an average of 97.60 out of a maximum possible of 150.

There were 81 candidates for Part II - Comprehensive; 45 of these were successful. The average score was 65%. There were 14 candidates for Part II - Power Reactor; 11 were successful. The average score was 70%.

Refinements were made in the PES validation rating instructions used to rank potential questions, so that they are more directly applicable to the ABHP exam.

The first years experience with serial multiple choice question format was reviewed along with the post-exam questionnaire results. The response was favorable, and a similar amount of questions (2-3) will be used in future exams.

Multiple grading of each question element by 3 independent graders continues to be the goal. Procedures were developed to narrow the differences, and to define the resolution of the varying scores that will always occur on these types of exams.

A more formal policy was developed for appeals by failed candidates. There is a 6 month time limit for this appeal.

The use of both SI and conventional units for future part II exam questions was proposed, but failed. The general feeling was that since SI units are still not in common usage by the candidates, it was an unnecessary burden on the exam preparers and graders, and potentially confusing for the candidates.

The new Exam Panels' Procedures Manual was distributed in final form.

This represents much work, but is necessary to assure that all of the panels' work is accomplished properly and on a timely basis.

At the June meeting, the Board voted to eliminate the Power Reactor exemption process. This process allows a broader scope Comprehensive Certified Health Physicist to obtain the limited scope Power Reactor Certification upon satisfaction of work experience requirements. The AAHP asked the board to publicize this intent to the membership, and to reconsider it at the next meeting. Nearly all responses received favored the process, and the Board reversed its decision. The purpose of the Power Reactor exemption process is to encourage qualified candidates to sit for the Comprehensive exam. The Power Reactor exam still provides a direct Power Reactor Certification pathway for those whose careers in power plants do not adequately prepare them for the Comprehensive Exam.

The contract with PES was reviewed and renewed for another year. Alternate examination services will be investigated for future contracts.

The formation of the AAHP and its interaction with the ABHP continues to be a fluid evolutionary process. For example, there are technical difficulties with the IRS regarding the assumption of the fiscal responsibilities of the ABHP by the AAHP. Until these are resolved, the ABHP must still exercise financial control.

7) Board Member Changes

Bob Casey, the 1986 Chairman, is leaving the Board at the end of his 5 year term. The Board wishes to thank Chairman Casey for his significant effort and his conscientious leadership during 1986.

Dale Denham has been appointed to the 1987 Board, for a 5 year term. Dale was the 1986 Chairman of the Comprehensive Panel of Examiners, which is probably the most demanding job in the ABHP.

8) 1987 ABHP Board Members and Officers

R. Jerry Everett	Chairman	'87
Howard W. Dickson	Vice Chairman	'89
Frazier L. Bronson	Secretary, AAHP Financial Liason	'89
Robert M. Quillin	Parliamentarian	'88
Joseph A. Sayeg	PES Coordinator	'88
Richard R. Bowers		'90
Glenn P. Glasgow		'90
Dale H. Denham		'91

9) 1986 Comprehensive and Power Reactor Panels' of Examiners

The Board wishes to publicly acknowledge the fine work of this years Panels.

Comprehensive Panel

6

Dale Denham, Chair	Roger Brown, Vice Chair	Jerry Allison
Dean Broga	John Brtis	John Coffman
Joyce Davis	Doug Draper	Tim Dziuk
George Endres	Victor Evdokimoff	Nancy Kirner
Larry McKay	Ronald Nimitz	Michael Ryan
Michael Slobodien	Lowell Thelin	David Waite
Garry Warren	William Weber	

Power Reactor Panel

Dennis Quinn, Chair	Frank Rescek, Vice Chair	Joseph Beer
Scott Medling	Frank Roddy	Gerald Troup
Russell Lovell	Blaine Murray	Mike Russell

Dennis Quinn, the 1986 Power Reactor Panel Chairman, also deserves our appreciation for his hard work these past several years.

10) Proctors for Certification Exams

The Board extends its appreciation to the following proctors who generously gave their time to administer the 1986 exam. Without their help, the many regional exams would not be possible.

<u>Site</u>	<u>Primary Proctor</u>	<u>Assistant Proctors</u>
Atlanta	Phil Stohr	Gerald Troup
Austin	Tim Dziuk	Christine Pollard
Chicago	Larry Lanzl	John Pingel Marty Schumacher Scott McDonald
Gaithersburg	Steve Mcguire	John Serabian
Las Vegas	Joe Wells	Milton Chilton
Lowell	Ed Cumming	Nick Panzarino
Oak Ridge	Paul Frame	David Simpson
Pittsburgh	Peter Collopy	Rowena Argall Neil Gaeta
Richland	Timothy Lynch	Paul Rittman
San Onofre	Scott Medling	John Wray

There were probably others who assisted, but whose names we haven't mentioned. Thanks to all those also.

11) Current Status of ABHP Diplomats

Comprehensive Certification	562	
Power Reactor Certification	37	
Dual Certification	<u>34</u>	633 Total
Emeritus Status	39	
Inactive Status (By choice)	22	
Not Active Status (No response)	<u>227</u>	921 Total

12) Where are you?

The following "former" CHP's were recently placed on the Not-Active list, because they did not respond to the continuing certification requirements. They will not receive this newsletter, or other benefits of active certification. If there is a mistake, or a change of heart, please have the ex-diplomat contact us.

- | | | |
|--------------------|--------------------|--------------------------|
| Abbate, Mario | Anastas, George | Young, Jensen |
| Bard, Stephen | Bedrosian, Paul | Boyett, Rayford |
| Liuzzi, Anthony | McClintock, Robert | Milligan, Victor |
| Nehemias, John | Oldfield, Guy | Brasher, Jesse |
| Orvis, Alan | Bushong, Stewart | Ovadia, Jacques |
| Patterson, G. R. | Chang, Chi-Mei | Caruthers, L. Thomas Jr. |
| Pelletier, Charles | Costello, Francis | Phillips, Leigh |
| Dummer, Jerome | Roberts, Carlyle | Fleming, Raymond |
| Ruppert, H. G. | Frankel, Robert | Schultz, Neil |
| Gray, Leven | Schwebel, Abraham | Gundaker, Walter |
| Smith, David | Gupton, Edwin | Sommers, John |
| Kasperski, Daniel | Toy, Arthur | Kaye, George |
| Twitty, Bryce | Ketcham, Charles | Ward, Joseph |
| Leahy, Edward | Willhoit, Donald | Little, Marshall |

13) Notice to all Non-delinquents

Ralph Thomas has called to our attention an error in the statements that all active Certified Health Physicists receive each year. Each of us receives a yearly maintenance renewal bill of \$25.00, along with an exhortation to pay the fee by Oct. 31 in order to avoid being delinquent. Ralph correctly points out that all Certified Health Physicists must pay a \$100 fee at the time of renewal (once every four years), and in fact, one is not delinquent unless the fee is not paid by that time.

So with that in mind, we hope all of you will still find it convenient to pay the renewal fee in annual installments in order to keep our cash flow more or less constant. But if you don't you are not delinquent. We will see to it that the next statement does not contain this misleading designation.

14) Schedule for 1987

Jan 15	Deadline for 87 applications
July 6	Exam Date

July 5	Summer Board meeting
July?	Passing Point Criteria meeting with PES
Oct-Nov.	Fall Board meeting

As always, the Board meetings are open, and interested CHP's may attend.

15) Volunteers Needed

Anyone interested in a time consuming, low paying job, with little overt appreciation other than professional satisfaction? Sounds great - huh? - but for the ABHP to function, we continually need volunteers for:

Panel of Examiners - formal appointment for 5 year term
 Proctors for the Exam - annual 1 day task
 Exam Questions writers - both for formal 1-2 day sessions, or to send in draft questions for Part I or Part II. (e.g. volunteers CHP's are needed for a 1 day meeting in Salt Lake City this summer to validate the Part I passing point).

Contact a Board member if interested in these tasks.

16) CONGRATULATIONS!!

The following passed the 1986 Comprehensive Exam:

Arcieri, William C.	Barclay, Robert K.	Belanger, Richard
Bogard, James S.	Braun, Michael J.	Bray, Linda G.
Butala, Stephen W.	Cypret, Orville	Dehmel, Jean-Claude
Eagleson, Douglas M.	Eckberg, Steven R.	Fallon, Gerald L.
Gray, Thomas S.	Guenther, Charles F.	Hammar, Kathryn M.
Higby, David P.	Hong, Kou-John	Johnson, Martin H.
Kahnhauser, Henry F.	Kenoyer, Judson L.	Kerschner, Harrison F.
Lei, Wayne	Lipton, William V.	Levy, Michael J.
Loring, Walter S.	Maguire, William J.	Mandel, Hector
McBurney, Ruth E.	McWilliams, Frederick F.	Meyer, Charles R.
Miltenerberger, Robert P.	Morris, Victoria R.	Musolino, Stephen V.
Napier, Bruce A.	Osborne, Roy P.	Osgood, Nancy L.
Prichard, Howard M.	Ramanuja, Jayalakshmi	Rich, John M.
Roberson, Peter L.	Sherman, Conrad I.	Skinner, Dawn J.
Smith, Leonard R.	Walker, James L.	Weiser, John C.
Wiatrowski, Wayne A.		

The following passed the 1986 Power Reactor Exam

Bailey, Peter G.	Carson, Bruce H.	Collins, Henry E.
Greene, Daryl W.	Hill, William A.	Jimenez, Manuel A.
Olin, Morse	Shultz, Phillip A.	Thomson, William H.
Warnock, Richard W.	Gianutsos, Phillip L.	

The following passed the 1986 Comprehensive Oral Examination

Adams, Stephen R.	DeCicco, Joseph	Enge, Roby D.
Kotsch, Jefferey L.	Maher, Edward F.	Miller, Mark L.
Tkacik, Michael F.	Woolfolk, Steven W.	

The following passed the 1986 Power Reactor Oral Examination

Granus, Mark W.
Rollins, Eugene M.

Knapp, Walter J.

Piccolo, Richard G.

The following Comprehensive Certified CHP's were granted the Power Reactor Certification through the Exemption Process, and now hold Dual Certifications

Rock E. Aker
Bruce A. Meyer
Robert P. Powers

Cornelius J. Gannon
Michael L. Miele
George J. Vargo

Eric M. Goldin
David H. Oatley

The following successfully passed Part I. Please encourage them to continue to learn and to sit for Part II when qualified.

Allen, Richard
Allen, Taddeus
Alt, Leonard
Bandrowski, Michael
Bassett, Andrew
Bell, Robin
Boerner, Alex
Bolch, Wesley
Boston, Terry
Bovino, Michael
Bowser, Rita
Cardwell, Thomas
Merwin, Steven
Cherniack, James
Orcutt, Julie
Ernst, John
Peper, Charles
Flory, Claude
Rocha, Lawrence
Forell, Bruce
Sample, James
Hall, Gregory
Schwenn, Harold
Higginbotham, Glenn
Smith, Gregory

Horn, Cynthia
Horvatinovic, Matthew
Jones, Hobart
Lambert, Kent
Lavoy, Thomas
Leavey, Jeffrey
Lewis, Mark
Maheras, Steven
Mas, Peter
Mayberry, James
McFee, Matthew
McGiff, Thomas
Chase, William
Myers, Gus
Ed, David
Peckham, Gregory
Fleming, Kenneth
Raft, Peter
Fontaine, James
Salsbury, William
Graham, Jim
Schoenfelder, Robert
Herman, Alan
Shubiak, John

Straight, Robert
Subramanian, T.S.
Summers, Arlo
Tarzia, James
Teasdale, Cathryn
Thomas, Billy
Walker, Lawrence
Wang, John
Watson, Bruce
Weaver, Adam
Weber, Cynthia
Carey, Walter
Mileham, Andrew
Clancy, James
Parsons, Joe
Fitzrandolph, Lynn
Peterson, John
Folsom, Sherry
Salladay, John
Forgy, John
Schilthelm, Steven
Helm, Kenneth
Sewell, Linda
Holsopple, Kevin

17) AAHP Election Results

The successful candidates from the recent AAHP Ballot were:

John Horan, President-Elect
Joyce Davis, Treasurer
David Myers, Director

18) Changes of Address

All CHP's are reminded that the ABHP retains its own independent computerized address listing. It is therefore necessary to notify the ABHP, in addition to the HPS if applicable, of any address change.

NOTICE FROM THE SECRETARIAT OFFICE

Many requests for information concerning the renewal process are received by our office. Renewal is granted for a period of four years and requires that a diplomate be active in the profession of health physics, completes 16 continuing education credits, and is current in the payment of the renewal fee. Notices and appropriate forms will be mailed each spring to all CHPs whose active status expires at the end of that year. Lists of approved courses and renewal forms can be obtained from the Executive Secretary's office or at the *ABHP Booth at the Health Physics Society's Annual Meeting (July 5-9, 1987 in Salt Lake City)*. Automatic credit is awarded for attendance at the Health Physics Society Annual and Midyear Meetings, and attendance at the annual meetings of the ANS, AAPM, CRCPD, NCRP, RRS, RSNA, and SNM at the rate of one credit per day of attendance up to a maximum of three credits per meeting. Other meetings and courses can be submitted to the Continuing Education Panel for review and approval by filling out a Course Approval Form. Credit is also granted for preparation and teaching of graduate or professional level courses in health physics at the rate of 1 CEC per 8 classroom hours with, as a general rule, such credit being granted only once in any four year period for any specific course.

AMERICAN BOARD OF HEALTH PHYSICS
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