Dear Colleagues:

It is with mixed emotions that I write this letter. This is the end of my 5 year stint on the ABHP. While I will enjoy the new-found extra time, I will miss the challenging, but always interesting work that the Board gets involved with.

These past 5 years have seen quite a few rather major changes to evaluate and improve the quality of the ABHP Certification process. We have:

- Performed a Role Delineation process to define what a CHP does. These HP Domains of Practice are now the model to which the subject matter of the exam must conform. This should lead to more consistent exam content.
- Gradually implemented Serial Multiple Choice (SMC) questions into Part II. There is continuing controversy, especially from the Panel members that must write them. SMC questions are much more difficult to properly create, but they provide a more objective means of grading.
- Implemented multiple grading on non-SMC questions. First 2, then 3, and now 5 graders score each candidate’s answer.
- Eliminated the oral exam as a routine option for marginal candidates, as the Board gained confidence in the written exam.
- Defined a formal process of appeal for applicants and candidates who disagree with the Board’s decisions.
- Created a Part I Panel to be responsible for the content and quality of Part I.

As preparation for this year’s 30th anniversary of the ABHP, I spent many (many) hours going through old ABHP records, minutes, correspondence, exams, publications, newsletters, and anything else I could find. That was very interesting, but what it really pointed out was how good the early ABHP founders and Board members were. Most of the policies developed in the first 5 years are still here today. Likewise, most of the exam questions of 30 years ago are still good questions today. Those of us on the Board and the three exam panels strongly believe that we have a very high quality and credible certification process. But, we must continue to work to improve it further.

The future of the value of ABHP certification, however, depends on the members of the Academy. You should be proud of your CHP status, and encourage other HPs to seek it. From a selfish standpoint, 70% of our income is from the candidates. Since our expenses are relatively constant, you can see what will happen if the trend of fewer candidates continues.
This leads to the two most important (in my opinion) long range goals of the Academy: 1) implement a stable and equitable source of funding for Board and Academy functions; 2) enhance the perceived value of ABHP certification among the HPs, employers, and regulators. I wish my friends on future ABHP Boards and AAHP Executive Committees much success in achieving these goals.

Frazier Bronson, CHP
Chairman

HIGHLIGHTS OF THE JUNE BOARD MEETING

The 1989 summer ABHP Board meeting was held in Albuquerque on June 25th and 26th. All eight Board members and the Secretariat, Kristi Jacobs, were in attendance for both sessions, and were joined by a number of observers, including Academy President Otto Raabe and President Elect Keith Schlagel. Over forty agenda items were addressed during the sessions, which included the following items of interest:

Concurrence was given to a new fee structure established by the Academy. The new fees are:

<table>
<thead>
<tr>
<th>Type</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application</td>
<td>$50 per application</td>
</tr>
<tr>
<td>Examination</td>
<td>$150 per part</td>
</tr>
<tr>
<td>Certification</td>
<td>$100</td>
</tr>
<tr>
<td>Maintenance</td>
<td>$25 per year</td>
</tr>
</tbody>
</table>

These fees were effective September, 1989, and are applicable to all new candidates for the 1990 exam.

The Board approved a series of special events for the HPS meeting to mark the 30th anniversary of the ABHP. These included an interesting collection of historical documents displayed at the ABHP booth and the establishment of the ABHP/AAHP Outstanding Service Award, named in honor of William McAdams. Details on the award are reported elsewhere in this Newsletter.

New members were appointed to each of the three examination panels, replacing retiring members who have served their four year term:

Part I Panel

<table>
<thead>
<tr>
<th>New Members</th>
<th>Retiring Members</th>
</tr>
</thead>
<tbody>
<tr>
<td>Richard Fry</td>
<td>Robert Quillin</td>
</tr>
<tr>
<td>Doug Draper</td>
<td>Gary Kephart</td>
</tr>
<tr>
<td>Robert Miltenberger</td>
<td>Peter Littlefield</td>
</tr>
</tbody>
</table>
Part II Comprehensive Panel

New Members
Carol Berger
Frederick Gardner
Edward Maher
Roy Osborne
Daniel Strom

Retiring Members
Dean Broga 89 Chair
Doug Draper
John Britis
Timothy Dzuik

Part II Power Reactor Panel

New Members
Eugene Rollins
James Tarpinian
Henry Kahnhauser

Retiring Members
Scott Medling 89 Chair
Russell Lovell

The 1990 Panel Officers are:

Part I Panel
Richard Bowers  Chair
Jerry Hiatt  Vice Chair

Part II Comprehensive Panel
Elizabeth Donnelly  Chair
Joseph Bevelacqua  Vice Chair

Part II Power Reactor Panel
Bruce Meyer  Chair
George Vargo  Vice Chair

The Board wishes to express its appreciation to all retiring panel members, especially the Panel Chairs.

The Board decided to accept a proposal from its testing consultant, Center for Educational Assessment, to assist the ABHP in studying methods for establishing cut-off scores for Part II of the examination.

The academic requirements for early admission to Part I of the examination were discussed in the Board meeting and again at the AAHP Open Meeting. The requirements state that: "Applicants are admitted to Part I of the written examination if they (1) have fulfilled all requirements for an advanced degree in health physics or a closely related field by January 15th of the year in which the exam is to be taken..."

The Board accepted a resolution passed by the AAHP Executive Committee to permit publishing typical well scored answers from each Part II exam. These answers would be candidate's answers, not the Board's stock answers, and may not be the only correct answer to a given question. The Board is also considering publishing the names of the top scorers on each exam.

-3-
New appointments to the Board were made by the Academy. These are:

Paul Ziemer
Ruth McBurney

The new appointees will replace outgoing members:

Frasier Bronson Chair, 88 and 89
Howard Dickson Vice Chair, 88 and 89

The Board completed election of officers for 1990. The election results are:

Leroy Booth Chair
Dale Denham Vice Chair
Kenneth Miller Secretary
Carl Distenfeld Parliamentarian

1989 ABHP CERTIFICATION EXAMINATION

The 33rd ABHP Certification Examination was given on June 26, 1989 at twelve sites within the United States. A total of 113 candidates set for Part I, 69 for Part II comprehensive, and 15 for Part II Power Reactor. The Board wishes to thank all proctors and the Exam Site Selection Committee (Bob Van Wyck, Chair, Gerald Davidson and Al Baietti) for making it possible for candidates to take the exam at easily accessible locations. The 1989 proctors were:

<table>
<thead>
<tr>
<th>Site</th>
<th>Primary Proctor</th>
<th>Alternate Proctors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Albany, NY</td>
<td>William Condon</td>
<td>Robert M. Ryan, Max Yeater</td>
</tr>
<tr>
<td>Albuquerque, NM</td>
<td>Gary Kephart</td>
<td>Janet Westbrook, Larry Jensen</td>
</tr>
<tr>
<td>Augusta, GA</td>
<td>Kent Larsen</td>
<td>Charlie Wright, Larry Jensen</td>
</tr>
<tr>
<td>Charlotte, NC</td>
<td>Robert Sorber</td>
<td>Melody Geer, Steve Butala</td>
</tr>
<tr>
<td>Chicago, IL</td>
<td>Lincoln Hubbard</td>
<td>Steve Homann, Carl Efird</td>
</tr>
<tr>
<td>Livermore, CA</td>
<td>Curtis Graham</td>
<td>Steve Homann, Carl Efird</td>
</tr>
<tr>
<td>Lowell, MA</td>
<td>Eric Dariot</td>
<td>Fred Straccia, Ed Durkosh</td>
</tr>
<tr>
<td>Oak Ridge, TN</td>
<td>Carl Efird</td>
<td>Ron Mlekodaj, Michael Sheetz</td>
</tr>
<tr>
<td>Pittsburgh, PA</td>
<td>Ed Durkosh</td>
<td>Michael Sheetz, Andy Mileham</td>
</tr>
<tr>
<td>Richland, WA</td>
<td>Paul Rittmann</td>
<td>Michael Russell, James Hardin</td>
</tr>
<tr>
<td>San Onofre, CA</td>
<td>Linda Bray</td>
<td>Michael Russell, James Hardin</td>
</tr>
<tr>
<td>Washington, DC</td>
<td>Joe Logsdon</td>
<td>James Hardin, Max Yeater</td>
</tr>
</tbody>
</table>
As part of the Past President’s report, John Horan requested input on potential topics and speakers to be presented at the Special Session on Professional needs for CHPs at the June, 1990 Anaheim Meeting. The AAHP has a continuing interest in identifying topics on current HP issues to be considered by the HPSC and the Board. The AAHP Finance Committee has also been charged to develop a slate of candidates for the Spring 1990 election. Positions to be filled will be President-Elect, Treasurer and a Director. A mail ballot will be completed prior to the June meeting so that the new members of the Executive Committee can be in attendance. There will also be a vacancy on the AAHP for which nominations will be accepted.

The President-Elect, Keith Schlafer issued a call for volunteers to serve on AAHP Committees which need to be appointed before January 1, 1990. Also the Nominating Committee has begun to develop a slate of candidates for the Spring 1990 election. Positions to be filled will be President-Elect, Treasurer and a Director. A mail ballot will be completed prior to the June meeting so that the new members of the Executive Committee can be in attendance. There will also be a vacancy on the AAHP for which nominations will be accepted.

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The Treasuerer, Nancy Kerber, reported the objectives of a balanced budget, building a reserve of one year’s operating funds and financial independence from the HPS. Currently the Academy needs additional sources of income, greater cost controls and a reduction in operating costs. Essentially all current costs are related to examinations by the AAHP.

Projects being worked on by the Professional Development Committee are:

1) Candidate qualifications
   - Updated Brochures
     - AAHP Prospectus
     - Certified Health Physicists
     - Registration of an AAHP logo
     - Additional Development of the CHP Database
     - Clarification of Emeritus status

2) Examinations
   - Written exams
   - Multiple choice questions
   - Essay/calculational parts
   - Core portions covering fundamentals, and advanced or specialty portions
   - Intermediate or entry level recognition such as "associate" or "in-training" designation for passing the core exam
   - Oral interviews or exams given by fewer than 20% of boards
   - At least half of all exams require two or more parts for certification and are given over two full days.

3) Exam content
   - Examination boards will usually provide information concerning exam content. The field of knowledge to be tested may be broadly defined in outline form, identifying topical areas to be tested. Additionally, the fraction of exam questions pertaining to each topic may be provided.
   - Several boards have constructed exams to correspond to job task or practice analyses. All boards felt strongly that the exam content adequately represented the relative importance of each subject area to the profession.

4) Exam preparation materials
   - Study guides are available for all exams from the boards or registries.Materials often include sample test questions or actual questions from
   - Oral interviews or exams given by fewer than 20% of boards
   - At least half of all exams require two or more parts for certification and are given over two full days.

The next meeting of the Executive Committee of the AAHP will be in Atlantic City, New Jersey in connection with the Midyear Topical Meeting of the HPS. Academy members who have agenda items for consideration by the Executive Committee should submit them to President-Elect Keith Schlafer.
previous exams, detailed topical outlines and recommended references. Commercially prepared study documents are available for the large exams (e.g., CPA). Formal study groups and courses may be offered for certain professions.

5) Exam grading

Passing point for multiple choice exams is usually "performance based," and may be determined from the mean score achieved on an exam or by prediction of performance of well prepared candidates (Angoff or similar method). Thus, the actual passing value will vary from exam to exam. Passing points for essay exams appear more subjective (as is the grading) and are usually near the conventional value of 70%, with little or no change from exam to exam.

6) Certification success rates

The percentage of candidates passing the exams varies from exam-to-exam and from year-to-year, but often exceeds 50%. Passing rates below 30% are rare. It is estimated that an initial success rate of about 50% is representative of all testing. Since many boards experience persistent retakes, an ultimate, average success rate near 60% for all candidates seems likely.

7) Number of candidates

The number of applicants depends on the profession and will range from as low as 10 to as high as 70,000 (for CPA) in a year. The fraction of practicing professionals who are certified is difficult to determine, but may be quite high (i.e., 50%) for some professions.

In comparing ABHP practices to those of other credentialing boards, the ABHP seems to be in the mainstream of operation. The basic requirements for certification (education, experience, activity, examination) are consistent with all other groups. The Board has taken great care in defining major professional and job tasks based on a health physics role delineation, and in assuring that the examinations appropriately reflect these domains of practice. Passing points are established in conventional manners. Extensive preparation materials are available from the Board in the form of an Examination Preparation Guide, which contains complete Part II exams from previous years, as well as sample Part I questions and a reference listing. Success rates of ABHP candidates is in the 40%-50% range, not significantly different from the average of all boards.

Three subjects of interest are currently under study by the Board. The first concerns methods of establishing appropriate passing point values for the written portion (Part II) of the exam. The Board, with its testing consultant, will review current policy to determine if alternate methods are desirable.

A second item is to increase the fraction of health physicists who are certified, since the current value for 10-15% appears to be lower than for other professions. The obvious solution is to attract more candidates, since the success rate is reasonably stable.

Finally, the Board is evaluating the trend toward replacing essay questions with multiple choice questions. The advantage of this process is to eliminate

be provided along with copies of all IRS forms. An accrual systems analysis is to be provided for the past five years. Currently the budget for 1989 reflects a loss of $5,650 out of an expenditure of $80,750. The AAPP was incorporated on May 17, 1989.

II. New Business

The Continuing Education System has now been revised. To convert "old" credits to "new" credits one needs to multiply the "old" credits by four. To make the opposite conversion one divides "new" credits by four. Note that while all 64 credits under the new system can be obtained from one group of activities, i.e., such as Formal Education, or Publications and Reports, or Professional Participation, or Professional Self-Development; all 64 credits cannot come from one single activity, i.e., a single college course, or a single summer school. The Continuing Education Committee has been requested to develop specific criteria for the pre-approved self-help category.

Each current officer has been requested to develop a job description of their office to be passed on to their successor in January. Each Committee Chairman has been requested to redefine the charter for their committee based on past experience.

The Exam Site Committee recommended a deadline of December 1st for new appointments to this committee for effective administration of their duties over the following 6 months.

Since individual states are attempting to legislate certification and/or licensing of Health Physicists, the Professional Development Committee will solicit information on such activities from all local chapters of HPS.

A Letter to the Joint Committee on Accreditation of Hospitals (JCAH) and American Association of Physicists in Medicine (AAPM) regarding recognition of new and "old" (with pertinent medical experience) as "Qualified Medical Physicists" was approved for President Raabe's signature.

NOTES FROM THE AAPM GENERAL MEETING

Eighty-two CHPs attended the 4th General Meeting of the AAPM on 6/28/89 in Albuquerque during the Annual Meeting of the HPS. The meeting lasted 1-1/2 hours with reports from 4 officers, the AAPM Chairman and the Chairman of the Professional Development Committee followed by a spirited Open Forum.

President Otto Raabe reported on the progress made at the Executive Committee Meeting the day before, including the proposal, to be voted on by the active members, to establish a new category of membership, namely "Associate Member of the Academy". The purpose of this move was to encourage those candidates who passed Part I of the Certification Exam to achieve full membership. This action was in direct response to a request made by several CHPs at the prior Annual Meeting. All other items discussed were covered in the preceding report on the Executive Committee Meeting.
subjectivity in grading. However, it is not clear that multiple choice (or serial multiple choice) questions can be constructed in a manner that will serve the same purposes, or achieve the same goals, as essay questions. Evaluations are continuing.

The results of this study show that the procedures used by the American Board of Health Physics to certify individuals are equal to, and in some cases superior to, practices employed by other boards.

The ABHP/AACP OUTSTANDING SERVICE AWARD

* * * * * * * * * * * * * * * * * * * * * * * * *

Earlier this year, the Board passed a resolution creating an annual award to honor a Certified Health Physicist who has made a significant contribution toward the advancement of professional Health Physics and to the Certification process. This award is named for William McAdams, the first ABHP Chairman.

The award committee consists of the ABHP Chair, the ABHP Vice Chair, who shall act as award committee chair, and the AACP Immediate Past President. Nominations for the award may also be made by any three CHP's.

The first William McAdams Outstanding Service Award was presented at the AACP Awards Banquet during the Albuquerque meeting to John W. (Jack) Healy. The formal citation reads:

CITATION

Shortly after its organization, the Health Physics Society established a committee to study the need for certification of health physicists and to develop plans for certification if this appeared to be desirable. The Certification Committee membership included an energetic and farsighted young man by the name of William McAdams. After an intensive study, the Committee recommended that an American Board of Health Physics (ABHP) be established to develop standards and procedures, to examine candidates, and to issue written proof of certification to individuals who satisfied the requirements established by the ABHP. The Board of Directors of the Society decided that these recommendations had merit and appointed a temporary ABHP on November 8, 1958. The Chairman of the temporary ABHP was none other than William McAdams.

The temporary ABHP developed a set of minimum requirements for certification. After carefully reviewing the professional background of 100 selected individuals believed to be representative of those recognized as competent health physicists, these names were submitted to the membership of the Society for comment. Included on that list was another mover and shaker in the certification movement by the name of John W. (Jack) Healy.

At the Annual Meeting of the Society in June 1959, these matters were discussed in an open meeting and there was general support for the plan.

The Board of Directors of the Society formally established the ABHP by approving an amendment to the By-Laws of the Society in October, 1959.
William McAdams was appointed Chairman and Jack Healy became Secretary-Treasurer of the inaugural ABHP. The ABHP, under McAdam's leadership, worked diligently to become incorporated in the state of New York in December, 1960. This incorporation allowed the ABHP to achieve its independent identity. We were told that this was the first time New York had ever incorporated a certification body.

This year marks the thirtieth anniversary of the ABHP. What better time to recognize two of the pioneers who contributed so substantially to our formation and early development? Consequently I am pleased to announce the inauguration of the William McAdams Outstanding Service Award to annually recognize those individuals who have made significant contributions to the advancement of professionalism and health physics certification. This award is named for the man who exercised strong and dedicated efforts to identify the need, define the concept, organize the body, obtain the charter, and implement the initial certification program.

The second person to be honored today is the first recipient of the William McAdams Outstanding Service Award. This pioneer kept the certification program on track when Elda Anderson, the second Chairman of the ABHP, fell ill only a few months into her term of office. Jack took over the Chairmanship to finish her term and then served an additional year as Chairman. During this critical time, he also developed the Code of Ethics which constitutes the backbone of the CHP's ethical standards to this day. Jack is known to many as a witty, unpretentious and versatile health physicist, and as the epitome of an applied Certified Health Physicist. It is most fitting that today we should recognize Jack Healy as the first recipient of the William McAdams Outstanding Service Award.

Granting June 1989

Howard Dickson, Chair Awards Committee, Vice Chairman ABHP

Frazier Bronson, Chairman ABHP

John Horan, Past President AAHP

NEWS FROM THE AMERICAN ACADEMY OF HEALTH PHYSICS

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From John R. Horan, Past President

A. Mid-year Executive Committee Meeting

A mid-year meeting of the Executive Committee, AAHP, was held in Albuquerque, New Mexico on June 27, 1989 during the 34th Annual Meeting of the AHP, under the Chairmanship of Otto Raabe. Eight of the ten members were present along with Lamor Johnson, Chairman of the Nominations Committee, Jerry Harin, Chairman, Professional Development, Lee Booth, incoming Chair ABHP, Kristi Jacobs and Richard Burk, Jr. from the Secretariat, and Regis Greenwood and Dale Denham as observers. All CHPs are welcomed to attend any meetings of the Executive Committee.

The Executive Committee Membership for 1989 is as follows:

President Otto Raabe
Past President John Horan
President-Elect Keith Schiajer
Secretary Mike Terpila
Treasurer Nancy Kirner
Directors Joyce Davis
George Holman
Davis Myers
Richard Fry
ABHP Chair Frazier Bronson

B. New Committee Appointments

' Nominating: David J. Strom
' Monte J. Sula
' William O'Neal
' Professional Development George Vargo
' Professional Standards Herman Comber, Sydney W. Porter
' Appeals Don Busick, Chairman
' Continuing Education John Mann, Regis Greenwood

The next Maintenance Dues envelope sent out by the Secretariat will contain an area so that diplomates can indicate positions on the Academy or the Board for which they would like to volunteer or be considered as candidates.
CALL FOR NOMINATIONS

The inaugural William McAdams Outstanding Service Award was presented to Jack Healy in 1989. Now we are soliciting nominations for the 1990 award. The William McAdams Outstanding Service Award is to be awarded annually to recognize a certified health physicist (CHP) who has made an especially outstanding contribution to the advancement of professionalism in health physics and to the certification process. All CHPs, whether currently active or not, are eligible and posthumous awards are permitted. Candidates will be judged on their service to the CHP community through outstanding and extended work on:

- ABHP Examination Panels
- ABHP Board
- AAHP Executive Committee
- AAHP Committees
- Continuing Education
- Teaching or other assistance in increasing knowledge/skills of health physicists
- Other areas that enhance the professionalism of health physicists

All AAHP members are encouraged to submit nominations. Present your nomination in a letter to the Awards Committee detailing the rationale for your nomination and giving background information on your nominee. The 1990 awards committee consists of:

Dale Denham, Chairman
Otto Raabe
Lee Booth

Address your letter to:

Dale Denham
96 Hodges Ct.
Richland, WA 99352

CERTIFICATION VS. LICENSING

An old issue has recently become a hot topic again. Our colleagues in the American Academy of Industrial Hygiene (AAIH) have a renewed concern over the licensing activity going on in many states that has direct impact on their profession and ours.

In the eyes of the law, a professional is someone whose performance conforms
to established ethical and technical standards. Professionals hold specialized knowledge and standardized academic preparation. These factors limit entry into the profession to the truly qualified. Certification by ABHP partially satisfies these requirements, except for the lack of accreditation for academic programs. The law also requires professionals to have a disciplinary mechanism. Some professions, such as medicine and law, self-regulate through boards of review where professionals judge their peers. Health physics currently has no equivalent mechanism.

Certification, on the other hand, is voluntary and means recognition by an association or technical organization. If you take certification and impose the criteria above, and throw in oversight by a government agency, you have the makings of a "professional" in the eyes of the law.

Why is this important? Because the laws can be written to include your discipline and ensure that fakers, charlatans and the generally unqualified do not practice your profession. It also means that, as a professional, only you will be allowed to engage in certain specified activities.

Presently, the industrial hygienist have discovered professional licensing or registration activities being conducted in 27 states and Canada, which could impose restrictions on the rights of industrial hygienists to engage in certain activities such as noise surveys, asbestos abatement and air sampling. The particular impact on health physics is unknown, but licensing actions for radon measurement and abatement are not uncommon. We need to investigate and work with the AAHP to learn more about this insidious hazard to our profession. The AAHP has formed a standing committee on licensing and registration to help define the issue, coordinate with other associations (such as AHP) and recommend actions the AAHP might take. This issue is very hard to track on a state-by-state basis. If any of you are aware of regulatory activity in your state, please feel free to contact AAHP officers or Jerry Martin, Chairman of Professional Development Committee.

Whether you are pro or con regarding licensing, you need to be aware that we as a profession may be forced into some sort of action or run the risk of being legislated out of activities we rightfully consider to be the proper role of health physicists. The licensing issue is not apt to go away and should increase in importance in the near term. Please take some time to acquaint yourself with what licensing means and what is at stake. You may find yourself having to take a stand in the near future.

**USE OF NEW CONTINUING EDUCATION CREDIT SYSTEM**

Some of you are beginning to use the new continuing education credit (CEC) system on certification renewal applications. Early evidence suggests some misunderstandings regarding proper use of this CEC system. In particular, there seems to be a lack of understanding regarding what activities have been "pre-approved" for credit. The February 1989 ABHP/AAHP Newsletter provided excellent guidance on this subject. That guidance is reproduced here for your convenience. Any activity that has not been specifically pre-approved must be submitted to the Continuing Education Committee of AAHP for approval and awarding of CEC's.

**PRE-APPROVED ACTIVITIES**

<table>
<thead>
<tr>
<th>Group A - Formal Educational Activities:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health Physics Summer School</td>
</tr>
<tr>
<td>32 credits</td>
</tr>
<tr>
<td>College Course - related engineering, science, medical, etc.</td>
</tr>
<tr>
<td>4 per semester hour or 3 per quarter</td>
</tr>
<tr>
<td>Short Course, seminar, or workshop -</td>
</tr>
<tr>
<td>2 CEC each lecture</td>
</tr>
<tr>
<td>HPS continuing education lectures at mid-year or annual meeting (1 hour lecture)</td>
</tr>
<tr>
<td>HPS professional enrichment program lectures at annual meeting (2 hr. lecture)</td>
</tr>
<tr>
<td>4 CEC each lecture</td>
</tr>
<tr>
<td>Short courses or workshops - related engineering, science</td>
</tr>
<tr>
<td>None pre-approved at this time</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Group B - Publication, Reports, Presentations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Book: Health physics or health physics related book-single author (Credit for joint authorship will be determined by the Committee.)</td>
</tr>
<tr>
<td>No pre-approval; submit upon publication</td>
</tr>
<tr>
<td>Publications; journal article - HPS Journal Radiation Research Radiation Protection Management Journal of Nuclear Medicine</td>
</tr>
<tr>
<td>16 CECs maximum per publication</td>
</tr>
<tr>
<td>Paper Presentations at meetings - HPS Annual or Mid-year Meeting American Association of Physicians in Medicine American Nuclear Safety – Radiation and Shielding Division American Nuclear Society (other) American Chemical Society – Nuclear Chemistry Division American Chemical Society (other) American Industrial Hygiene Association Health Physics Topic American Industrial Hygiene Association Other</td>
</tr>
<tr>
<td>8 CECs 8 CECs 4 CECs 4 CECs 8 CECs 8 CECs 4 CECs</td>
</tr>
<tr>
<td>Instructor - College Courses - (only if not a faculty member)</td>
</tr>
<tr>
<td>None pre-approved at this time</td>
</tr>
<tr>
<td>Lecture Presentation - (only if not primary responsibility)</td>
</tr>
<tr>
<td>HPS Continuing Education Lecture at</td>
</tr>
<tr>
<td>2 CECs each</td>
</tr>
</tbody>
</table>
to established ethical and technical standards. Professionals hold specialized knowledge and standardized academic preparation. These factors limit entry into the profession to the truly qualified. Certification by ABHP partially satisfies these requirements, except for the lack of accreditation for academic programs. The law also requires professionals to have a disciplinary mechanism. Some professions, such as medicine and law, self-regulate through boards of review where professionals judge their peers. Health physics currently has no equivalent mechanism.

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Why is this important? Because the laws can be written to include your discipline and ensure that fakers, charlatans and the generally unqualified do not practice your profession. It also means that, as a professional, you will be allowed to engage in certain specified activities.

Presently, the industrial hygienist have discovered professional licensing or registration activities being conducted in 27 states and Canada, which could impose restrictions on the rights of industrial hygienists to engage in certain activities such as noise surveys, asbestos abatement and air sampling. The particular impact on health physics is unknown, but licensing actions for radon measurement and abatement are not uncommon. We need to investigate and work with the AAHP to learn more about this insidious hazard to our profession. The AAHP has formed a standing committee on licensing and registration to help define the issue, coordinate with other associations (such as AAMHP) and recommend actions the AAHP might take. This issue is very hard to track on a state-by-state basis. If any of you are aware of regulatory activity in your state, please feel free to contact AAHP officers or Jerry Martin, Chairman of Professional Development Committee.

Whether you are pro or con regarding licensing, you need to be aware that we as a profession may be forced into some sort of action or run the risk of being legislated out of activities we rightfully consider to be the proper role of health physicists. The licensing issue is not apt to go away and should increase in importance in the near term. Please take some time to acquaint yourself with what licensing means and what is at stake. You may find yourself having to take a stand in the near future.

USE OF NEW CONTINUING EDUCATION CREDIT SYSTEM

Some of you are beginning to use the new continuing education credit (CEC) system on certification renewal applications. Early evidence suggests some misunderstandings regarding proper use of this CEC system. In particular, there seems to be a lack of understanding regarding what activities have been "pre-approved" for credit. The February 1989 ABHP/AAHP Newsletter provided excellent guidance on this subject. That guidance is reproduced here for your convenience. Any activity that has not been specifically pre-approved must be submitted to the Continuing Education Committee of AAHP for approval and awarding of CEC's.
mid-year or annual meeting (1 hr lecture)

* HPS Professional Enrichment Program
  HPS Annual Meeting (2 hr. lecture)

Group C - Professional Society Participation -

Scientific Meetings - National and Regional:
  HPS
  ANS
  AAPM
  NCRP
  ACS
  SNM
  CRCPD
  RSNA
  Annual Conference on Bioassay, Analytical, and Environmental Radiochemistry

Local Chapter Meetings:
  HPS
  ANS
  AAPM
  AIHA

National level Health Physics related technical or standards committee:
  HPS standards committee
  ANS
  AAPM
  ANSI Standards Committee
  NCRP
  ANHP Exam Panels

Group D - Other Professional Activities -

Professional Self Development
  Non pre-approved at this time (determined on an individual basis)
A. Mid-year Executive Committee Meeting

A mid-year meeting of the Executive Committee, AAHP, was held in Albuquerque, New Mexico on June 27, 1989 during the 34th Annual Meeting of the HPS, under the Chairmanship of Otto Raabe. Eight of the ten members were present along with LaMar Johnson, Chairman of the Nominations Committee, Jerry Martin, Chairman, Professional Development, Lee Booth, incoming Chair ABHP, Kristi Jacobs and Richard Burke, Jr. from the Secretariat, and Regis Greenwood and Dale Denham as observers. All CHPs are welcomed to attend any meetings of the Executive Committee.

The Executive Committee Membership for 1989 is as follows:

President Otto Raabe
Past President John Horan
President-Elect Keith Schiager
Secretary Mike Terpilak
Treasurer Nancy Kirner
Directors Joyce Davis
Davis Myers
Richard Fry
ABHP Chair Frazier Bronson

B. New Committee Appointments

Nominating: David J. Strom
Monte J. Sula
William O'Neal

Professional Development George Vargo

Professional Standards Herman Comber, Sydney W. Porter

Appeals Don Busick, Chairman

Continuing Education John Mann, Regis Greenwood

The next Maintenance Dues envelope sent out by the Secretariat will contain an area so that diplomats can indicate positions on the Academy or the Board for which they would like to volunteer or be considered as candidates.
C. Nominations for AHHP Offices

Nominees for positions on the Executive Committee beginning January 1990 are:

- President Elect: John Auxier
- Secretary: Charles Meinhold
- Director: Robert Van Wyck
- Thomas Crites
- Lester Slaback
- Wayne R. Hansen

In mid-September, ballots were mailed to all CHPs. We hope you've voted.

It is the intention of the Academy to move future elections to an earlier date so that the new officers can attend the Academy meetings at the HPS Annual Meeting prior to their taking office the following January. This will help them get up to speed earlier and to provide a smoother transition to the active work of the new Executive Committee.

D. Nominations for ABHP

From a list of seven candidates supplied by the Nominating Committee, Paul Ziemer and Ruth McBurney were selected to fill the two openings on the ABHP.

E. Law Revisions

The major topic for discussion at this meeting was a number of proposed By Law changes to accommodate the growth in the activities of the Academy. Those revisions approved by the Executive Committee were submitted to all CHPs for their vote by a mail ballot in mid-September. Key items were the following:

- A new definition of Certified H.P.
- A definition of Associate Member of the Academy
- A redefinition of CHP Emeritus
- A redefinition of the Executive Committee
- A redefinition of the Finance Committee
- Establishment of the Professional Development Committee

F. Special Session on Professionalism

A special session was organized for the closing of the Annual Meeting sponsored by the AAHP which looked at the attributes of a Professional Society and its members along with a visionary view of the changes in the field of activities in the 1990’s. It is hoped this will be a regular feature at other annual meetings.

G. Finance Committee

This committee is not fully functional since the transfer of funds from the ABHP to the AAHP has not been made. The holdup is apparently due to the IRS exemption not having been filed by the Secretariat. This transfer will now take place after September 1, 1989. Effective August 1st the Secretariat will provide the Academy a quarterly spread sheet showing financial status. In addition, a monthly checking account statement will subjectivity in grading. However, it is not clear that multiple choice (or serial multiple choice) questions can be constructed in a manner that will serve the same purposes, or achieve the same goals, as essay questions. Evaluations are continuing.

The results of this study show that the procedures used by the American Board of Health Physics to certify individuals are equal to, and in some cases superior to, practices employed by other boards.

ABHP/AHHP OUTSTANDING SERVICE AWARD

* * * * * * * * * *

Earlier this year, the Board passed a resolution creating an annual award to honor a Certified Health Physicist who has made a significant contribution toward the advancement of professional health physicists and the Certification process. This award is named for William McAdams, the first ABHP Chairman.

The award committee consists of the ABHP Chair, the ABHP Vice Chair, who shall act as award committee chair, and the AHHP immediate Past President. Nominations for the award may also be made by any three CHP's.

The first William McAdams Outstanding Service Award was presented at the HPS Awards Banquet during the Albuquerque meeting to John W. (Jack) Healy. The formal citation reads:

CITATION

Shortly after its organization, the Health Physics Society established a committee to study the need for certification of health physicists and to develop plans for certification if this appeared to be desirable. The Certification Committee membership included an energetic and far sighted young man by the name of William McAdams. After an intensive study, the Committee recommended that an American Board of Health Physics (ABHP) be established to develop standards and procedures, to examine candidates, and to issue written proof of certification to individuals who satisfied the requirements established by the ABHP. The Board of Directors of the Society decided that these recommendations had merit and appointed a temporary ABHP on November 8, 1958. The Chairman of the temporary ABHP was none other than William McAdams.

The temporary ABHP developed a set of minimum requirements for certification. After carefully reviewing the professional background of 100 selected individuals believed to be representative of those recognized as competent health physicists, these names were submitted to the membership of the Society for comment. Included on that list was another mover and shaker in the certification movement by the name of John W. (Jack) Healy.

At the Annual Meeting of the Society in June 1959, these matters were discussed in an open meeting and there was general support for the plan.

The Board of Directors of the Society formally established the ABHP by approving an amendment to the By-Laws of the Society in October, 1959.
be provided along with copies of all IRS forms. An accrual systems
analysis is to be provided for the past five years.
Currently the budget for 1989 reflects a loss of $5,650 out of an
expenditure of $80,750.
The AAHP was incorporated on May 17, 1989.

II. New Business

The Continuing Education System has now been revised. To convert "old"
credits to "new" credits one needs to multiply the "old" credits by four.
To make the opposite conversion one divides "new" credits by four. Note
that while all 64 credits under the new system can be obtained from one
group of activities, i.e., such as Formal Education, or Publications and
Reports, or Professional Participation, or Professional Self-Development;
all 64 credits cannot come from one single activity, i.e., a single college
course, or a single summer school. The Continuing Education Committee
has been requested to develop specific criteria for the pre-approved self-help
category.

Each current officer has been requested to develop a job description of
their office to be passed on to their successor in January.

Each Committee Chairman has been requested to redefine the charter for
their committee based on past experience.

The Exam Site Committee recommended a deadline of December 1st for new
appointments to this committee for effective administration of their duties
over the following 6 months.

Since individual states are attempting to legislate certification and/or
licensing of Health Physicists, the Professional Development Committee will
solicit information on such activities from all local chapters of HPS.

A Letter to the Joint Committee on Accreditation of Hospitals (JCAH) and
American Association of Physicists in Medicine (AAPM) regarding recognition
of MHP (with pertinent medical experience) as "Qualified Medical
Physicist" was approved for President Raabe's signature.

NOTES FROM THE AAHP GENERAL MEETING

* * * * * * * * * * * * * * *

Eighty-two CHPs attended the 4th General Meeting of the AAHP on 6/28/89 in
Albuquerque during the Annual Meeting of the HPS. The meeting lasted 1-1/2
hours with reports from 4 officers, the ABHP Chairman and the Chairman of the
Professional Development Committee followed by a spirited Open Forum.

President Otto Raabe reported on the progress made at the Executive Committee
Meeting the day before, including the proposal, to be voted on by the active
members, to establish a new category of membership, namely "Associate Member of
the Academy". The purpose of this move was to encourage those candidates who
passed Part I of the Certification Exam to achieve full membership. This
action was in direct response to a request made by several CHPs at the prior
Annual Meeting. All other items discussed were covered in the preceding
report on the Executive Committee Meeting.

-15-
As part of the Past President's report, John Horan requested input on potential topics and speakers to be presented at the Special Session on Professional needs for CHPs at the June, 1990 Anaheim Meeting. The AAHP has a continuing interest in identifying topics on current HP issues to be considered by the HPS Presidents Emeritus Committee which has taken over this function for the Scientific and Public Issues Committee.

The President-Elect, Keith Schiager issued a call for volunteers to serve on AAHP Committees which need to be appointed before January 1, 1990. Also the Nominating Committee has begun to develop a slate of candidates for the Spring 1990 election. Positions to be filled will be President-Elect, Treasurer and a Director. A mail ballot will be completed prior to the June meeting so that the new members of the Executive Committee can be in attendance. There will also be a vacancy on the ABHP for which nominations will be accepted.

The Treasurer, Nancy Kirner, reported the objectives of a balanced budget, building a reserve of one year's operating funds and financial independence from the HPS. Currently the Academy needs additional sources of income, greater cost controls and a reduction in operating costs. Essentially all current costs are related to examinations by the ABHP.

Projects being worked on by the Professional Development Committee are:

- Updated Brochures
  - ABHP Prospectus
  - Certified Health Physicists
- Registration of an AAHP logo
- Additional Development of the CHP Database
- Clarification of Emeritus status

The Open Forum Topics presented by the members were:

- Possibility of Continuing Education Credits for the development of questions and stock answers for the ABHP exams.
- Suggested increase in AAHP dues to improve the financial situation and to fund the sponsorship of professional workshops.
- Concerns over the use of serial multiple choice questions on Part II exams.
- Possible publication of a list of employers who provide reimbursement for certification exam tuition.

NEXT AAHP EXECUTIVE COMMITTEE MEETING

The next meeting of the Executive Committee of the AAHP will be in Atlantic City, New Jersey in connection with the Midyear Topical Meeting of the HPS. Academy members who have agenda items for consideration by the Executive Committee should submit them to President-Elect Keith Schiager.
### 1986 Certification Examination

#### Schedule

<table>
<thead>
<tr>
<th>Course</th>
<th>Sponsor/Location</th>
<th>Date</th>
<th>Notes</th>
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<tr>
<td>86-108 Fall Technical Meeting</td>
<td>Rio Grande Chapter, HPS</td>
<td>Sep 22-24, 1986</td>
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<tr>
<td>86-109 Health Physics Committee Meeting</td>
<td>USNRC</td>
<td>Nov 7, 1986</td>
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<td>86-110 Health Physics Dept Seminar Series</td>
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<td>86-111 Compliance with the new 10CFR20</td>
<td>US NRC</td>
<td>Sep 14-15, 1987</td>
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<td>86-112 Quality Assurance</td>
<td>NRC</td>
<td>Sep 27-28, 1988</td>
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<tr>
<td>86-114 Health Physics Dept Seminar Series</td>
<td>Battelle Pacific NW</td>
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#### New Approvals

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<tr>
<td>86-117 Money</td>
<td>RSA-AAPH</td>
<td>Apr 27 - 29, 1988</td>
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### 1987 Certification Examination

#### Schedule

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<td>87-110 Money</td>
<td>International Atomic Energy Commission</td>
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<td>87-111 Panel</td>
<td>US NRC</td>
<td>May 12-13, 1989</td>
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<td>89-43 Hot Particle, Origin Properties and Controls Palo Verde NGS</td>
<td>Mar 17, 1989</td>
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<td>89-47 Continuing Evolution of Bone Dosimetry</td>
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<td>89-50 ICRP</td>
<td>Apr 30 - May 3, 1989</td>
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<td>89-54 Practical Radiation Shielding</td>
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<td>89-55 OSHA Hazardous Materials</td>
<td>Jul 24-26, 1989</td>
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<td>89-56 Waste Management '89</td>
<td>Aug 12, 1989</td>
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<td>89-57 AAPM Spring Meeting</td>
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<td>89-60 Spring Meeting</td>
<td>Apr 17-19, 1989</td>
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<td>89-61 Educational Day on Radiation &amp; Measurements</td>
<td>Apr 5 - 6, 1989</td>
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<td>89-63 Radiation Protection Workshop</td>
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<td>89-64 Workshop on Health Physics</td>
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<td>89-66 Legislative Forum</td>
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<td>89-68 Workshop on Radiological Health</td>
<td>Mar 12 - 13, 1989</td>
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<td>89-70 75th Annual Conference on Radiology</td>
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<td>89-71 Workshop on Health Physics</td>
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<td>89-72 Educational Day on Radiation &amp; Measurements</td>
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<td>89-73 DOE Health Physics Training Course</td>
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<td>89-76 Computerized Medical Systems</td>
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<td>89-79 Workshop on Health Physics</td>
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<td>89-88 Human Performance Evaluation System</td>
<td>May 24-26, 1989</td>
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<td>89-90 Workshop on Health Physics</td>
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<td>89-95 Workshop on Health Physics</td>
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Courses Approved by the Continuing Education Panel

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<tr>
<td>90-01-01 Radiological Science II</td>
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<tr>
<td>90-01-02 Health Physics in Radiation Accidents</td>
<td>ORAU</td>
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<tr>
<td>90-01-03 ABHP Certification Exam Prep Course</td>
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<tr>
<td>90-09-01 Health Physics in Radiation Accidents</td>
<td>ORAU</td>
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<tr>
<td>90-10-01 Technical in Nuclear Radiation Shield Analysis</td>
<td>University Texas, Engineers</td>
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Courses with an asterisk under the number of credits is currently under review.

Courses with a pound sign after the number of credits are credits issued under the new system.

DATE

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American Academy of Health Physics

American Board of Health Physics

American Board of Health Physics