

American Board of Health Physics

January 1988

Dear Colleague:

Winter is now here, this year's events for the Board have come to a close, and next year's cycle has already started. The candidates have all been notified (a few are probably still celebrating). Others should be starting their preparation for next summer's exam. Please encourage them, help them if possible, and counsel them on whatever techniques proved successful to you.

The Board met in Washington D.C. on October 5 and 6 to review the results of this summer's exams and to conduct other business. The Comprehensive Panel (Roger Brown, Chairman) and the Power Reactor Panel (Frank Rescek, Chairman) both worked very hard and did their jobs well. There was also a two day workshop to prepare and review Part I questions. Twelve CHPs attended the meeting Chaired by Joe Sayeg. This newsletter contains summaries of these two meetings, plus other events from the past half-year's operations of the Board and a few items of interest from the Academy.

Items contained within are:

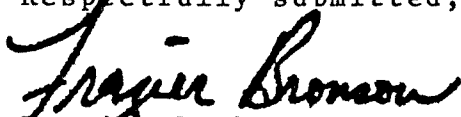
1. Message From Chairman Everett
2. Message From Incoming Chairman
3. Part I Workshop Summary
4. Part I Exam Results
5. Other Part I Information
6. Part II Comprehensive and Power Reactor Exams
7. 1988 Dates
8. Continuing Certification Requirements
9. Lost CHPs - Where Are You
10. Retiring Board and Panel Members
11. News From the AAHP

Insert A ABHP/AAHP Questionnaire

Insert B Proposed Continuing Education Credit System

If you have comments about the items addressed here, please write. The Board (and the Academy) need your input.

Respectfully submitted,



Frazier L. Bronson
Secretary, ABHP

1. MESSAGE FROM THE CHAIRMAN

Dear Colleague.

I will soon complete 10 years of service, in various capacities, in ABHP activities. These years have been personally satisfying and have provided me a professional outlet that I doubt I could have found elsewhere. Equally important has been the opportunity to work with some truly dedicated people who labored behind the lines to produce a quality exam each year. I want to thank those unsung workers.

I believe the past several years of Board activities can be best characterized by our efforts to maintain exam quality, to improve exam grading criteria and objectivity through multiple grading, assuring that we test in the proper domains or areas where the HP practices, and finally, the development of Board policies and procedures that govern all Board activities. I believe these improvements have resulted in a certifying body that is consistent in its practices, and one that produces examinations that are true measures of HP competence. I believe that most certified HPs value their certification and consider their efforts to attain certification well worth the effort.

The future will have its challenges. A persistent problem is how to provide quality service to the HP community in spite of rising costs. The recertification versus renewal issue and the handling of specialty examinations will occupy the Board in the future. The Board needs and deserves your support as it addresses these problems and others in the future. Please take a few minutes to complete the enclosed questionnaire. Your input will help the Board to resolve these particular issues.

R. Jerry Everett
Chairman, ABHP

2. MESSAGE FROM THE INCOMING CHAIRMAN (1988)

As I start my 4th year on the Board, I am still amazed at the dedication and sincere effort put forth by the Board members and the Examination Panel Chairmen. We meet 4 days a year, and I cannot recall any meetings over the past 3 years where a Board member was absent, or where a Board member failed to properly complete a task he "volunteered" to do. It is indeed a pleasure to be surrounded by such stimulating fellow CHPs, on the current Board, and to follow Jerry Everett, and the many other previous distinguished Board Chairmen.

The operation of the ABHP does not dramatically change with time, but is one of continual refinement. The exam preparation, testing, and scoring process is now well defined in procedures. It is a relatively efficient process, but even more important it is extremely fair, unbiased, and is not arbitrary.

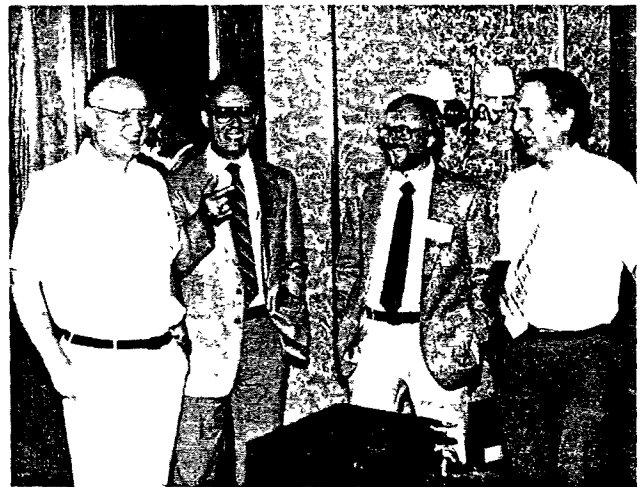
A questionnaire is attached, soliciting opinions of the members about some difficult questions that need to be addressed in the next few years.

One has to do with specialty certification. Historically, for the ABHP, the Comprehensive Certification was to cover all areas and the Power Reactor Certification was an alternative pathway to a limited certification for those HPs that did not have the broad experience necessary to pass the Comprehensive exam. In the past few years, however, more newly certified Power Reactor CHPs have first passed the Comprehensive exam, then obtained their Power Reactor Certification thru the exemption process. Does this mean the Power Reactor Exam is no longer needed? Or, should it indeed be a specialty, to be passed by exam after completion of a broad scope core exam, like the Comprehensive? Or something in-between? Are there other specialty areas equally deserving of their own exams?

The second area is finances. The Board continues to obtain most of its income from exam fees, and on average over the past several years has not been in the black. Complicating the matter is the decline in number of candidates. Since most of the Board's expenses do not vary with the number of candidates, where will future income come from? Our exam fees (\$200 per part) are already among the highest of similar professional certifications, but perhaps should go higher. Or, should our fees for certification renewal, now at \$100/4 years, be increased? The Academy's finance committee is wrestling with this problem. One way we can all help now is by encouraging more of our co-workers to sit for the exam, and to continually renew their certifications.

We need your input. The enclosed questionnaire is the easiest way to respond. Please return it, and feel free to add additional comments. Take an active role in determining these two important issues.

Frazier Bronson
1988 Chairman, ABHP



Left to Right: Board members Bob Quillin, Howard Dickson, Lee Booth, and 1987 Chairman Jerry Everett

3. PART I WORKSHOP SUMMARY

The ABHP Part I Revision Examination Committee held their third workshop on October 3-4, 1987, at the Marriott Hotel in Tyson's Corner, Virginia. During this workshop, the Committee reviewed the statistical analysis (performed by the Professional Examination Service (PES) of New York City) of the candidate's performance on the 1987 examination, and reviewed those questions which had poor performance statistics. All answers for these questions were determined to be correct. Five questions were changed on the exam, seventeen were modified. In addition, approximately 125 new questions were reviewed for placement in the "bank." Those attending the workshop were: Lee Booth, Dick Bowers, Allen Brodsky, Morgan Cox, Dale Denham, Glenn Glasgow, Neil Gaeta, Syd Porter, Bob Quillin, Dennis Quinn, Bob Ryan, Les Slaback and Joe Sayeg (Chairman). A special vote of thanks is given to the above CHPs who devoted their weekend to these important activities. Another workshop is planned in 1988, and volunteers are requested.

4. PART I EXAM RESULTS

The following candidates successfully took Part I of the exam. Please extend your congratulations to them personally, and encourage them to continue to learn, and to sit for Part II as soon as they are qualified. Equally important, encourage those who didn't pass to study harder and try again next year.

CONGRATULATIONS TO:

Joseph P. Allgeier
Gary F. Boothe
George Buzzelli
Carl R. Eford, Jr.
Richard T. Greene
Donald L. Helm
John M. Longley
Michael Matheny
Jagjit K. Mohindra
Johathan R. Newman
Colleen F. Petullo
Charles F. Reindl
Glenn M. Sturchio

Brett Armstrong
Terry M. Button
John F. Copeland
Gerald L. Gels
Roger L. Halsey
Roman Kahn
Daniel S. Mantooth
Ronald L. Mlekodaj
William J. Munyon
Arthur J. Palmer III
Bruce A. Rathbone
James W. Schmidt
Leonard S. Sygitowicz

5. OTHER PART I INFORMATION

Historically Part I has been handled with a series of ad-hoc committees to accomplish the needed tasks. Several years ago Joe Sayeg was asked by the Board to serve as the coordinator for Part I between the Board and PES (our contractor). He has still been assisted by a service of ad-hoc working groups. The Board has now decided to create a permanent panel to deal with Part I. The exact nature of this panel and its relationship to the Board has yet to be resolved. Dick Bowers has been asked to assist Joe on Part I matters, and to recommend a future course of action for this panel.

6. PART II COMPREHENSIVE AND POWER REACTOR EXAMS

The Board continues to improve its procedures to reduce the potential for bias in the grading. Several years ago, the Board went to double grading for all questions. Last year Serial Multiple Choice (SMC) questions were added so their scoring can be completely objective. This year all non-SMC questions were triple graded. The use of multiple graders on the questions that have some subjectivity allows the Panels and Board to better review the scoring process, and select which candidate's scores should be reviewed by the dis-

person of the scores from multiple graders. However, this review process puts a lot of extra work on the Panel Chairmen, as they are required to review all scores near but below the passing point if the point spread is excessive. The Board has now increased the number of graders to 5 for non-SMC questions, will discard the high and the low, and take the arithmetic average of the remaining 3 scores.

The Board also instructed the Panels to add another 1 or 2 SMC questions to next year's test. The results of a post exam survey indicated no real preference among the candidates as to the type of question. A review of the scoring, however indicated slightly lower average scoring on the SMC questions than on the traditional essay or calculational types.

CONGRATULATIONS to the following new Comprehensive CHPs!!

William C. Borden
Henry E. Collins
Kevin L. Holsopple
Gary H. Zeman

W. John Chase
Andrew D. Hodgdon
Leonard Shabason

There were no successful Power Reactor Certification candidates this year.

Please extend your congratulations to these new CHPs. Equally important console those who were unsuccessful, and counsel them to study a bit harder and try again next year.

7. 1988 DATES OF INTEREST

The Board meeting will be held July 8 and 9, in Boston.
The Exams will be July 8.
The deadline for completed applications to take an exam is January 15.

8. CONTINUING CERTIFICATION REQUIREMENTS

A written suggestion was made by Charles Meinhold to both the Board and the Academy that since the Board sets the criteria to determine certification, it should also set the criteria to determine certification renewal. The Board has expressed its willingness to help in this area, and to work with the Academy to define the Board's proper role in the renewal process.

Attached to this newsletter is a summary of the AAHP Continuing Education Committee's proposed set of criteria for earning credits needed as part of the certification renewal process.

9. LOST CHPs - WHERE ARE YOU?

The following people have not satisfied the requirements for continuing certification, nor have they indicated their desire to become Inactive or Emeritus. They will be noted as nonactive in the ABHP files, will not be listed as a CHP in the Health Physics Society's Membership Handbook, will no longer receive these swell newsletters, or be entitled to the other benefits of an active CHP. If there has been a mistake, or if the "former CHP" wants to repent, please have him contact the Secretariat.

John Alexander
Walter S. Cool
Merril Eisenbud
P.S. Iyer
Michael Morris
Carl M. Unruh

George E. Backman
Francis B. DeFriess
Francis J. Haughey
John D. Kinneman
Alfred M. Strash
Michael W. White

10. RETIRING BOARD AND PANEL MEMBERS

The Board voted unanimously to give retiring Chairman and Board member Jerry Everett a simulated standing ovation for his leadership, and calmness in the face of unruly and restless Board members. The Board also would like to express its thanks and appreciation to retiring Panel Chairs Roger Brown (Comprehensive) and Frank Rescek (Power Reactor). The new Chairs will have to work very hard to maintain these standards.

The term of service for these individuals begins January 1, 1988. They were officially installed at the meeting of the Executive Board of the AAHP on December 13, 1987, in Miami.

B Continuing Education/Certification Renewal

Enclosed with this newsletter is a draft copy of the proposed continuing education credit system that was originally presented at the annual meeting in July. The draft is for your review and comment. See further details on the cover memo accompanying the document.

C. Professional Development

An Ad-hoc committee on Professional Development, under the chairmanship of Jerry Martin, has undertaken a review of why some professional Health Physicists choose not to renew their certification, and why some choose not to try to become certified in the first place. When the committee reports its findings, we will share them with the membership.

11. NEWS FROM THE AAHP Contributed by Paul Ziemer, President, AAHP

A. Election Results

The results of the recent Academy elections are as follows:

President Elect	Otto Raabe
Secretary	Mike Terpilak
Director	George Holeman

AMERICAN ACADEMY OF HEALTH PHYSICS

TO: MEMBERS OF THE AMERICAN ACADEMY OF HEALTH PHYSICS
 FROM: PAUL L. ZIEMER, PRESIDENT
 RE: CONTINUING EDUCATION CREDIT SYSTEM

At the Annual Meeting of the Academy in Salt Lake City in July 1987, Bob Heublein, Chairman of the Continuing Education Committee, summarized a draft proposal that he had presented to the Executive Committee to revise the C.E. credit system. During the discussion that followed, there was a recommendation from the members assembled that the draft proposal be distributed to the full membership of the Academy prior to review and revision of the document by the Executive Committee. In accordance with that request, I have asked the ABHP to include distribution of the draft proposal with the ABHP Newsletter. Your copy is attached.

I would like to emphasize that the document has not been approved by the Executive Committee. Indeed, it is clear that various members of the Committee will propose changes in the document. This is your opportunity to give us your input and ideas for the nature of the Continuing Education credit system. The Executive Committee will be reviewing the draft document during its December 13 meeting in Miami. However, final action on the document will not occur until mid-1988, so comments received after December 13 can still be considered. In order to allow the Continuing Education Committee time to process all comments and develop a final draft, we are setting a final deadline of February 29, 1988, for receipt of comments. Send all recommendations and comments to:

AMERICAN ACADEMY OF HEALTH PHYSICS
 8000 WESTPARK DRIVE, SUITE 400
 McLEAN, VIRGINIA 22102

ABHP
QUESTIONNAIRE

Regarding finances, the ABHP is always forced to operate on a tight budget and the AAHP needs to identify a source of funding for its programs.

1. The current certification exam fee is \$200 per part (Part I; Part II, Comprehensive; Part II Power Reactor). Should this be:

_____ A Increased to \$ _____
_____ B Decreased to \$ _____
_____ C Left the Same

2. In your estimation, what fees should be charged for certification?

_____ A Application
_____ B Examination
_____ C Certification/Plaque
_____ D Other

3. Currently, the fee for renewal of certification is \$100 over a four year period. Should this be:

_____ A Increased to \$ _____
_____ B Decreased to \$ _____
_____ C Left the Same

4. What suggestions do you have for sources of income for the AAHP?

Bear in mind that a specialty certification examination represents a significant effort to create and grade. Currently there are about 20 applicants per year for the Power Reactor specialty and this requires a support group of 8 to 10 volunteers to create and grade the exam.

5. Should there be any specialty certification?

Yes _____ No _____

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6. Assuming there should be separate specialty certification, which specialty areas deserve separate certification?

Accelerator	_____	Non-Ionizing	_____
Environmental	_____	Power Reactor	_____
Dosimetry	_____	Regulation (I&E)	_____
Instrumentation	_____	Research Reactor	_____
Medical	_____	University	_____
Waste Management	_____	Others	_____

7. For which of those you checked, would you be qualified and willing to serve on the exam panel?

8. Presuming that a given specialty certification has been approved, but that the number of applicants does not warrant annual examinations.

_____ A The specialty should be discontinued

_____ B The examinations should be offered less frequently than annually.

9. Two philosophies are prevalent regarding how a comprehensively certified HP obtains a specialty certification. If a specialty certification were established, which do you favor?

_____ A Specialty certification by exam only.

_____ B Specialty certification granted by administrative review based on criteria including experience, education/training, and job responsibilities.

Currently, ABHP certifications are required to be renewed every four years based on evidence of continuing education and activity in HP profession.

10. Renewal or recertification may be accomplished in different ways, which do you favor?

_____ A Renewal/recertification based on evidence of continuing education and involvement in HP.

_____ B Renewal/recertification based on periodic re-examination.

_____ C Other means such as _____

Renewal of certification currently requires that 16 continuing education credits be earned every four years. A proposal has been made to broaden the activities which earn credits and revise the credit scale so that 64 credits need to be earned every four years. Assuming that 64 credits will be required, please register your opinion on inclusion of the following.

11. Formal education activities:

	<u>Yes</u>	<u>No</u>	<u>No. of Credits Recommended</u>
HP Summer School	_____	_____	_____
College Course (HP)	_____	_____	_____
College Course (Related Subject)	_____	_____	_____
Short Course, Seminar, Workshop(HP)	_____	_____	_____
Short Course, etc. (Related Subj.)	_____	_____	_____
Other _____	_____	_____	_____

12. Publications, Reports, Presentations:

	<u>Yes</u>	<u>No</u>	<u>No. of Credits Recommended</u>
Book (HP or related)	_____	_____	_____
Journal article (HP or related)	_____	_____	_____
Paper presented (HP or related)	_____	_____	_____
Poster presented (HP or related)	_____	_____	_____
Lecture presented (HP or related)	_____	_____	_____
Instruct Course (HP or related)	_____	_____	_____
Other _____	_____	_____	_____

13. Professional Society Participation:

	<u>Yes</u>	<u>No</u>	<u>No. of Credits Recommended</u>
Attendance at Scientific Meetings (National)	_____	_____	_____
Attendance at Local Chapter Meetings	_____	_____	_____
Attendance at Symposia	_____	_____	_____
National Society Officer	_____	_____	_____
National Society Committee Chair	_____	_____	_____
National Society Committee Member	_____	_____	_____
Local Chapter Officer	_____	_____	_____
Local Chapter Committee Work	_____	_____	_____
ABHP Board Work or Panels	_____	_____	_____
AAHP Board of Committee Work	_____	_____	_____
Other _____	_____	_____	_____

14. Other Professional Activities:

	<u>Yes</u>	<u>No</u>	<u>No. of Credits Recommended</u>
Awards and Recognitions	_____	_____	_____
Public Information	_____	_____	_____
Community Involvement	_____	_____	_____
Peer review of papers/documents	_____	_____	_____
Other _____	_____	_____	_____

15. If the AAHP were to generate a series of publications targeted either for the specialist or the general public, would you be willing to work on such a project?

Yes _____ No _____

If yes, what topics _____

16. If the AAHP were to conduct seminars for CHP's, would you be willing to work on such a project? Yes _____ No _____

17. I would like to nominate _____ for the office of _____ on the AAHP Executive Committee. Please include a short biographical sketch on this person.

18. I would like to be considered for:

ABHP Nomination _____

Part II Comprehensive Exam Panel _____

Part II Power Reactor Exam Panel _____

Part I Exam _____

AAHP Committee (Specify) _____

19. My area of expertise is _____

20. My name (optional) _____

PLEASE RETURN QUESTIONNAIRE BY FEBRUARY 29, 1988, TO:
American Board of Health Physics
8000 Westpark Drive, Suite 400
McLean, Virginia 22102

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11/20/87

Proposed Revision to the American Academy of Health Physics (AAHP)
Continuing Education Credit System

Background

The current system of awarding continuing education credits (CEC) by the American Academy of Health Physics (AAHP) Continuing Education Committee is a slow and cumbersome process requiring extensive lead time to obtain CECs awarded. In addition AAHP membership has identified that there is no system to award credits for professional activities (e.g., committee membership, paper publication, paper presentation, peer document prepublication review, etc.) that contribute to continuing education.

The Continuing Education Committee has reviewed the programs of two other professional organizations for comparison and has had discussions among the committee members as to possible resolutions of the problems being encountered. A sub-committee was appointed to consolidate the committee ideas and develop a proposal. This current proposal should offer an equitable solution to the current existing problems. The impact on the recertification process is identified as are topics which should be addressed but require further discussions.

This proposal accomplishes several tasks. First, it establishes guidelines for the awarding of continuing education credits which can be published by the AAHP and remove some of the subjectivity of awarding credit. Second, it recognizes the large number of professional activities through which practicing CHPs maintain and improve their professional skills, thereby contributing to their continuing education. Third, it provides for maintaining a list of continuing education activities which have been pre-approved for a specified number of CECs, thereby eliminating the need to submit and review applications for credit for these activities. Last, it provides a greater flexibility for CHPs to utilize their time by choosing those activities most rewarding to themselves.

It is recommended this proposal be approved by the Executive Committee for immediate interim use to streamline the review process as soon as possible. Concurrently, the proposal should be provided to the AAHP membership for a review and comment period. Comments would be incorporated and a final program developed.

Impact on Recertification Process

It is intended that this proposed revision will streamline the process of obtaining continuing education credit and allow CHPs to obtain credit for professional activities that contribute to continuing education but that are not recognized under the existing system. One major proposed change in the recertification process is a scaling of one CEC under the current system to four CECs under this proposed system and corresponding increase in the CECs required from 16 to 64. Another major change is the provision for obtaining CECs from professional activities. The increased number of CECs will allow awarding of credits in integral rather than fractional values for programs and professional activities of a relative lower worth. Previously approved activities, for example, Annual HPS Meetings or the HP Summer School, have been retained and increased by a factor of four so the change does not affect CHPs currently in the process of obtaining recertification credits. In addition, pre-approved activities should reduce review requirements. If an applicant finds it necessary to "nickel and dime" his way through recertification for whatever reason by having numerous low value CEC activities, it is his or her choice and not a requirement of the process.

Continuing Education Credit Award Process
Section I - General Policies

A. A total of 64 continuing education credits (CEC) is required for recertification. In order to qualify for credit toward meeting the continuing education requirements for recertification by the American Board of Health Physics (ABHP) all courses and other activities must be approved by the Continuing Education Committee of the American Academy of Health Physics (hereafter referred to as "the Committee"). Application for approval may be made directly to the Chairperson of the Committee by the sponsor of a continuing education activity or by a Certified Health Physicist (CHP) who will participate or who has participated in the activity. Application for activities which are listed on the pre-approved list under Section III need not be made. Applicants are urged to submit their requests far enough in advance that a decision can be made by the Committee and announced before a scheduled activity begins; however, the Committee will accept without prejudice, and applying its usual approval criteria, all applications received within 90 days after a scheduled activity has concluded. Applications must be in the form specified by the Panel and complete in all respects. The CHP applying for a renewal of his or her recertification is responsible for maintaining the documentation supporting CECs claimed on the recertification application. The Committee does not maintain individual records of CECs granted.

B. In the context of this document, a "continuing education activity" is an activity that contributes to the continuing health physics education of a Certified Health Physicist. Such activities may be formal or informal; however, all such activities should contribute to the technical competence of the CHP in his or her professional practice of health physics. Such activities include subjects used directly in health physics work, but not usually designated as health physics; for example, courses in: statistics, meteorology as applied to environmental dose assessment, reactor chemistry or reactor systems training, radiation genetics, data base management, program management, etc. A Committee member will evaluate each submitted activity on the basis of content and applicability, duration, and applicants statement of applicability to his or her current health physics responsibilities. After evaluating these factors, the Committee member will assign each activity a number of continuing education credits in accordance with the criteria established under paragraph D.

C. If the applicant does not agree with the number of credits assigned, the application may be resubmitted with an explanation and the bases for increased credit. In this case it will be re-evaluated by the Committee. If the applicant is not satisfied with the Committee's re-evaluation, an appeal can be submitted to the Executive Committee of the AAHP. The decision of the Executive Committee will be final.

D. The following guidelines have been established by the Committee for awarding continuing education credit. Participation in pre-approved activities (Section III) do not require submission of an application. Additional activities will be added to the pre-approved list as they are identified. Four major categories of continuing education activities have been approved for CHPs who wish to obtain CEC. These are:

- | | |
|--|---|
| Group A - Formal Educational Activities | Group B - Publication, Reports, Presentations |
| Group C - Professional Society Participation | Group D - Other Professional Activities |

Further explanation of activities approved for continuing education credit follow.

Group A - Formal Educational Activities

Health Physics Summer School	64 credits
College course topic on certification examination	16/semester hour
College course related engineering, science, medical, etc	8/semester hour
Short course, seminar or workshop	2/contact hour
Short Courses or Workshops related engineering, science, etc	1/contact hour

Group B - Publication, Reports, Presentations

Book: Health physics or health physics related book - single author (credit for joint authorship will be determined by the Committee)	64 credits
Publication of a HP related article in a professional journal	16 credits
Paper Presentation at professional meetings on HP related topic	8 credits
Poster Presentation on a HP related topic at a professional meeting	4 credits
Instructor; College course only if not a faculty member	16/semester hour
Lecture Presentation only if not primary responsibility	2/contact hour

Group C - Professional Society Participation

Scientific Meetings: National and Regional	2 per 1/2 day up to a max of 12 per mtg.
Local Chapter Meetings	2 per meeting
Symposia	2 per 1/2 day up to a max. of 12 per symp.
National level HP related professional society or standards committee membership	12 per activity
National level HP related society office or chairmanship	16 per activity
Local level HP related professional society office	8 per activity

Group D - Other Professional Activities

Awards and recognitions	12 per award
Community involvement in HP related activities	6 per activity
Peer document/pre-publication review	1 per hour of activity

Discussion of Certifiable Activities

Group A

College Courses: These are bonafide offerings by accredited institutions for which academic credit is obtained. These courses must be professionally enhancing and the course is not eligible if taken to fulfill a degree obligation. Course can not be audited and must be taken for credit. Instructors can not obtain credit for teaching the course if it is a standard part of their job.

Short Courses, Symposia and Workshops: These are technical courses, symposia and workshops in specialized Health Physics related areas. Note: Course sponsors or organizers are strongly encouraged to provide certificates of attendance or other forms of recognition to the attendees.

Group B

Publications: Sole authors, joint authors and authors of chapters are eligible to receive credit. Credit awarded to joint authors and authors of chapters will be based on their contribution to the total work.

Presentations: These are technical presentations at a local, regional, or national scientific meeting by the health physicist on a related topic. Credit is only given for the presentation or publication of the material, not both.

Group C

Scientific Meetings: Scientific meetings offer health physicists the opportunity to keep abreast of current developments and upgrade/maintain their skills. Applications for credit for attendance should include a copy of the program for the meeting.

Society Participation: Health physicists may be involved with committee activities to ensure the goals of the profession are achieved. Credit is granted for this involvement.

Office Holding: Office holding in professional technical societies is an indication of continued professional development and is rewarded accordingly.

Group D

Awards: Awards granted by professional technical societies indicate the professional achievement and maintenance of competency of the individual health physicist.

Community Activities: Health physicists actively involved in community activities in the areas of improving the public's understanding of radiation and the protection of man from the harmful effects of radiation are eligible for continuing education credit. Information to be provided in the application for credit for this activity includes the dates of the activity, level of involvement, purpose of the activity, and a brief abstract.

Peer Document/Pre-publication Review of Health Physics Literature: Peer document and pre-publication reviews are strongly encouraged and credit is granted for this important activity. Note: Information to be provided in the application for credit for this activity includes: document reviewed, organization requesting review and type of comment forwarded (oral or written).

Section II - Evaluation of Activities Requiring Application for Approval

A. All applications for CEC should be made using the form provided for this purpose. Documentation supporting and supplementing the information on the form may be attached to the form.

B. Every attempt will be made to inform an applicant of the number of continuing education credits granted within 8 weeks from the receipt of an application.

C. Symposia and professional meetings do not usually follow a formal "instructional or tutorial" format. As shown in Section III, annual and mid-year meetings of the Health Physics Society and other professional meetings have been granted continuing education credits. Other organized symposia with a central theme and featuring recognized experts may be considered for continuing education credits.

D. "In-house" training conducted at the CHP's facility may receive continuing education credit. The number of credits assigned is directly related to its applicability to health physics practices and the CHP's ability to improve his or her skills to perform his or her health physics responsibilities.

E. All formal educational activities (Category A) submitted for evaluation will require an abstract for basis of content, activity length and the applicant's statement and explanation of applicability to his or her current health physics responsibilities or maintenance of health physics skills. An instructor's resume is not required. An application form is attached below.

F. Applications for approval of CECs for activities other than formal educational activities (Category A) should include, as a minimum, a description of the activity, a statement of its relevance to the professional health physics capabilities of the applicant, and the amount of time the applicant is involved in the activity.

G. Additional supportive evidence/explanation may be requested by the Committee at any time to aid in the review and awarding of CEC.

Section III - Pre-approved Activities

Group A - Formal Educational Activities

Health Physics Summer School	64 credits
College course: topic on certification examination	None pre-approved at this time
College course related engineering, science, medical, etc.	None pre-approved at this time
Short course, seminar or workshop:	
HPS Cont. Ed. Lectures at mid-year or AM (1 hr. lecture)	2 CEC each lecture
HPS Prof. Enrich. Prog. lectures at mid-year or AM (2 hr. lecture)	4 CEC each lecture
Short Courses or Workshops related engineering, science, etc.	None pre-approved at this time

Group B - Publication, Reports, Presentations

Book: Health physics or HP-related book - single author (credit for joint authorship will be determined by the Committee)	No pre-approval: submit each upon publication
Publications; journal article:	16 CECs each
HPS Journal, Radiation Research, Radiation Protection Management Journal of Nuclear Medicine	
Paper Presentations at meetings:	
HPS Annual or Mid-year Meeting	8 CECs
American Assoc. of Physicists in Medicine	8 CECs
American Nuclear Society - Radiation and Shielding Division	8 CECs
American Nuclear Society - other	4 CECs
American Chemical Society - Nuclear Chemistry Division	8 CECs
American Chemical Society - other	4 CECs
American Industrial Hygiene Association - Health Physics topic	8 CECs
American Industrial Hygiene Association - other	4 CECs
Society of Nuclear Medicine	8 CECs
Conference of Radiation Program Directors	8 CECs
Radiation Research Society of North America	8 CECs
Poster Presentation:	
Health Physics Society	4 CECs
American Association of Physicists in Medicine	4 CECs
American Nuclear Society - Radiation and Shielding Division	4 CECs
American Nuclear Society - other	2 CECs
American Industrial Hygiene Association - Health Physics topic	4 CECs
American Industrial Hygiene Association - other	2 CECs
Instructor: College courses (only if not a faculty member)	None pre-approved at this time
Lecture Presentation (only if not primary responsibility):	
HPS Continuing Education Lecture at Mid-year or Annual Meeting (1 hr. lecture)	2 CECs each
HPS Professional Enrichment Program HPS Annual Meeting (2 hr. lecture)	4 CECs each

Group C - Professional Society Participation

Scientific Meetings (National and Regional):	2 per 1/2 day up to a max. of 12
HPS, ANS, AAPM, AIHA, NCRP, ACS, SNM, CRCPD, RSNA, Annual Conf. on Bioassay, Analytical & Environmental Radiochemistry	
Local Chapter Meetings:	2 per meeting
HPS, ANS, AAPM, AIHA	
Symposia	None at this time
National level HP related society or standards committee:	12 per activity
HPS, AAHP, ANS, AAPM, ANSI Standards Committee	
National level HP related society office or chairmanship:	16 per activity
HPS, AAHP, ANS, AAPM	
Local level HP related society office:	8 per activity
HPS, ANS, AAPM	

Group D
Other Professional Activities

Awards and recognitions: 12 CECs

HPS Elda E. Anderson Award, HPS Distinguished Scientific
Achievement Award, HPS Founders Award

Community involvement in HP related activities

None pre-approved at this time

Peer document/pre-publication review

None pre-approved at this time

Items for Follow Up Requiring Further Discussion

1. Consideration may want to be given to limiting the number of CEC obtainable in each of the four groups.
2. The ABHP may wish to evaluate if there should be a minimum requirement for recertification to participate in national, regional, or local professional meetings. Any such evaluation should include the recognition that many and perhaps most CHPs would personally bear the financial costs (possibly leave from work included) of any required meeting attendance and the recognition that such costs would be prohibitive for many CHPs for regional or national meeting attendance. Renewal of certification should not be contingent on the ability of the individual CHP to pay the costs of attending these meetings.
3. Consideration may want to be given to awarding continuing education credit for reading and self-study, e.g., 1 credit for 1 hour of activity. Most CHPs obtain a major portion of their continuing education by this informal continuing education activity. This would be review activities performed outside of the CHP's job requirements. Reading and self-study are strongly encouraged and some credit should be awarded for this important activity.

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