



N · E · W · S

PRESIDENT'S REPORT JUNE 1993

James E. Turner, CHP
President, AAHP, 1993

This is the second appearance of the *CHP News* with the regular *HPS Newsletter*. I would like to extend our thanks to the *Newsletter's* Gen Roessler and Amy Kortuem for making this possible, as well as the monthly "CHP Corner" in the *Newsletter*. Of course, our own *CHP News* editor, Nancy Daugherty, has also earned our gratitude and admiration for her excellent work.

The Academy's Executive Committee met on January 25, 1993, during the Midyear Symposium in Coeur d'Alene, Idaho. The new officers were installed, and replacements for retiring committee members were appointed. We express our appreciation to those who contributed to the work of the Academy. The current AAHP roster is shown on page 11 of this issue.

Some progress is being made on several initiatives of the Academy. Past-President Paul Rohwer established an *ad hoc* committee to deal with governmental issues and agencies. Les Cole will chair the new committee. Other members are Regis Greenwood, Ruth McBurney, and Jim Yusko. The committee will explore issues such as licensing, certification,

and qualifications. It will also seek to explain what ABHP certification is to regulators and practitioners who deal with radiation, including those in areas not normally associated with health physics. We wish the committee success in this important undertaking.

Strategic planning for the Academy was discussed at the Coeur d'Alene meeting of the Executive Committee. A vision statement [see below] was published in the last *CHP News*. Developing a long-range strategic plan for the Academy is a major item on the agenda.

"IT IS THE VISION OF THE ACADEMY THAT IT BE THE FOCAL POINT FOR THE PROMOTION AND DEVELOPMENT OF EXCELLENCE OF CERTIFIED HEALTH PHYSICISTS."

A great deal of the Academy's work is carried out by its committee members. Anyone interested in participating should let us know. Much of it is hard work, but rewarding. In accepting the 1992 William B. McAdams Outstanding Service Award at the annual meeting in Columbus last

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summer, Lester A. Slaback put it this way:

"My various involvements with the ABHP and the Academy have been an unmatched education in every health physics specialty imaginable. I consider every year a gift and every person I've worked with a friend...And I do not understand why the Academy is not flooded by candidates demanding their fair share of time on the panels and board."
(*CHP News*, December, 1992, P. 11.)

I am grateful for my association with the AAHP and welcome the opportunity to hear from anyone with concerns or suggestions for the Academy. ■

FROM THE CHAIRMAN JUNE 1993

*Carl H. Distenfeld, CHP
Chairman, ABHP, 1993*

This report is the second in a series designed to outline the workings of the American Board of Health Physics. Today's topic is the preparation of Part II examination questions.

Two sets of Part II examination questions are being prepared: one for the Comprehensive Exam and the other for the Power Reactor Exam. The questions are drafted by the respective Panels of Examiners. Each examination is composed of the six fundamental questions and six or seven specialty questions. The fundamental questions are common to both exams.

The Power Reactor Panel consists of 12 members. Eugene Rollins and James Tarpinian are the present Chair and Vice Chair. The Power Reactor Panel composes questions in eight subject areas, including rad waste, operational health physics, ALARA, and instrumentation. A total of six specialty questions are ultimately required for the Power Reactor Specialty Examination.

The Comprehensive Panel is composed of 20 members, presently Chaired by Dan Strom. Kathy Pryor is the Vice Chair. The Comprehensive Panel generates the fundamental, as well as the specialty questions. The larger staffing reflects the greater question load. Comprehensive specialty areas include questions involving accelerators, the environment, the fuel cycle, power reactors, and medical, university, and general health physics. The composition of the Comprehensive Panel includes two or three members who are very conversant with each specialty area.

Two or three questions are generated for each question used. The Panels submit final form draft questions to the ABHP Chair, who organizes a QA/QC review. The reviewers are present and past ABHP members, Academy Officers, and specialty experts who are certified. The Chair would like to acknowledge the 1993 QA/QC reviewers as follows:

Comprehensive:

Jack Bailey, Frazier Bronson,
Roger Brown, Thomas Buhl,
Robert Casey, Pat Donnachie,

Wayne Hansen,
John Luetzelschwab,
Ruth McBurney, Lew Pitchford,
John Rich, Norm Rohrig,
Bill Thomas

Power Reactor:

Steven Garry, Eric Golden,
William Homyk,
Blaine Murray, George Vargo,
Richard Warnock

All questions are returned to the panels with QA/QC corrections and written comments. The Panels redraft the questions and send the final form questions to the ABHP for balloting. The questions that appear on the exam are those that score better on the final balloting. ■

HIGHLIGHTS OF THE AAHP EXECUTIVE COMMITTEE MEETING, January 25, 1993.

✓ Thanks! Paul Rohwer presented a Certificate of Appreciation to Jerry Thomas as past Nominating Committee Chair. Certificates of Appreciation for all other outgoing AAHP Directors, Committee Chairs, and Committee Members were read by Paul and will be mailed to the recipients.

[CHPs, Take a look at the listing on pages 11 and 12 of the 1993 AAHP/ABHP officers, committee members, and examination panel members. In addition, there are numerous others who assist with continuing education courses, exam question review, exam

proctoring, etc. It takes a lot of quality people to make HPS certification work. -Nancy]

✓ Your Place or Mine? Don Busick and Sid Porter will explore the possibility of combining the Appeals Committee with the Professional Standards & Ethics Committee. Please contact either of them if you have input on this decision.

✓ Power Reactor Specialty - Since 1993 will be the last year of the Power Reactor Specialty Examination, the ABHP will allow the Power Reactor Panel members to complete their terms on one of the other exam panels.

✓ Domains of Practice - The ABHP will conduct a survey of approximately 200 HPS members (10 in each specialty) in order to reevaluate HP domains of practice. This is to ensure that the HP Certification Exams appropriately reflect the functions of HPs. To maximize response to their survey, the ABHP will individually contact each of the 200 survey subjects.

✓ Archiving Part II Questions - The ABHP is investigating potential methods for archiving Part II Exam questions. The Board may request that the AAHP establish a new position of librarian to assist in this effort.

✓ Exam Panel Credits - The ABHP has received a request to increase the number of recertification credits assigned for Examination Panel membership. The credits are in recognition of the technical expertise gained through exam

question preparation. The Continuing Education Committee will review the request.

✓ Exam Prep Guide - The ABHP is revising the Certification Examination Preparation Guide and has revised extensively the list of suggested study materials and bibliography.

✓ ABIH/AAHP Interface - Jim Turner will contact the American Board of Industrial Hygiene (ABIH) to continue the AAHP/ABIH dialogue.

[See Les Slaback's summary of AIHA news in "What Are They Up To?" as an indication of some of the common AAHP/ABIH interests. -Nancy]

✓ HPS Membership Handbook - Did you notice? The 1992-1993 *Radiation Protection Professional's Directory & Handbook* (more commonly known as the "HPS Membership Handbook") includes CHP identification in the membership listing. And how about that CHP logo on the cover? Thanks to Paul Rohwer, Keith Schiager, and Heide Rohland for this increased visibility for HP Certification.

✓ Emeritus Members - Wanted: Suggestions on how the AAHP can best profit from the experience of its emeritus members. There's an awful lot of talent and experience out there among emeritus CHPs, and some might be willing to share it with the remaining AAHP community. Any suggestions on ways this might be done?

**AAHP
COMMITTEE
UPDATES:**

CONTINUING EDUCATION
COMMITTEE

*David D. Snellings, CHP,
Chair*

The 8-hour AAHP-sponsored Continuing Education courses are maintaining their appeal. Two courses were offered at the HPS Midyear Meeting in Coeur d'Alene: "Radiation Risk Communication: Perceptions and Strategies" drew 40 registrants; "Health Physics of Diagnostic Radiology" attracted 35.

Take your pick:

The Academy will sponsor three 8-hour Continuing Education courses on the Saturday prior to the HPS Annual Meeting in Atlanta.

Courses and instructors for the 1993 HPS Meeting include:

"Implementation of the Revised 10CFR20 Regulations,"
Charleen Raddatz, Instructor;

"Internal Exposure Assessment Program,"
Ken Skrable, Instructor;

"Fundamentals of Industrial Hygiene,"
Pete Collopy, Instructor.

■ CHP NEWS ■

Additional information and course registration forms are contained in the HPS Annual Meeting Preliminary Program.

If you have suggestions or recommendations for future course offerings, please contact any Committee Member or Dave Snellings, Committee Chair. ■

NOTE: APPLICATIONS FOR THE 1994 CERTIFICATION EXAM MUST BE POSTMARKED NO LATER THAN JANUARY 15, 1994!

NOMINATING COMMITTEE

Jay A. MacLellan, CHP, Chair

NOMINATIONS FOR AAHP & ABHP COMMITTEE MEMBERS & OFFICERS -

The Nominating Committee of the American Academy of Health Physics is seeking candidates for appointment to the positions of President-Elect, Treasurer, and Director for the AAHP and for other ABHP positions. All active, certified health physicists are eligible. Those interested in nominating or being a candidate should contact:

Jay A. MacLellan
Battelle-Pacific NW Labs
PO Box 999
Richland, WA 99352
(509)375-1814 H
(509)376-2906 FAX ■



Thanks!

Incoming President Jim Turner presents a plaque of appreciation to Past President Paul Rohwer.

LETTERS:

Stanley J. Waligora, Jr.,
CHP

December 15, 1992

You requested feedback regarding the *CHP News* distribution with the *HPS Newsletter*.

I believe that there should be a distinct distribution of the *CHP News* to CHPs. Certain articles are specifically for CHPs and it is inappropriate to "take up space" in the *HPS Newsletter*. This distribution would reach those CHPs who are not HPS members. (I also have a tough time resolving the dichotomy [as to why a CHP would not be an HPS member].)

Another important point is that a number of items in the current *CHP News* are more appropriate to the *HPS Newsletter* since they are of interest to all HPS. Examples include:

- Refunds of Examination Fees
- Continuing Education Courses
- Les Slaback's William B. McAdams Award
- Al Tschaeché's Summary of Radiation Protection Standards
- Individuals who passed Exams

There will always be a level of news items of the ABHP and AAHP for the HPS members which are appropriate for the *HPS Newsletter*.

While not related, I am truly impressed by the extensive contributions of Les Slaback and

Richard Bowers. I just began working with the Part I Panel and am impressed by the data base and statistical analyses of exam questions.

Thank you for your contribution. Your efforts for us, through the *CHP News*, are appreciated. ■

[Note: Both Les Slaback and Dick Bowers received the William B. McAdams Award for their ABHP/AAHP work. -Nancy]

Leroy F. Booth, CHP

February 18, 1993

As I promised when we last met, here is a letter concerning inclusion of the *CHP News* in *The Health Physics Society's Newsletter*.

I have always been in favor of increasing the visibility of certification and ABHP/AAHP activities. I believe these are of great benefit to the HPS and to individuals who pursue certification. However, I'm not certain that including the *CHP News* in the *HPS Newsletter* is an effective way of achieving our goal. I found the 20 page *CHP News*, enclosed within a 30-page *Newsletter*, to be a bit too much. In fact, I was unable to get through the entire publication in one sitting (my attention span gets worse with age and is now approaching that of a 3 year old). I fear that most non-CHP readers are not likely to spend much time on the *CHP News*, when faced with a 30 page *Newsletter*.

I favor continuing the "CHP

Corner," and expanding it when necessary to include articles such as the McAdams Award notice, while issuing the *CHP News* separately. This may achieve our purpose without overwhelming our non-CHP friends. An added benefit is that I get another piece of interesting mail when I least expect it. ■

Susan M. Langhorst, PhD,
CHP

April 6, 1993

I want to compliment you in combining the distribution of the *CHP News* with *The Health Physics Society's Newsletter*. I hope that it must help in some respects of circulating such a publication. While you state that there are added expenses, I was nevertheless thrilled to see the AAHP/ABHP sharing their news with all the members of the HPS. It gives broader recognition of our awardees (Congratulations, Les Slaback!) and our new CHPs (One of them was once one of my HP technicians.). In particular, this joint distribution puts the *CHP News* in the hands of our student HPS members and lets them know who we are and what we are about. I think the costs are worth it. ■

FROM THE EDITOR:

Nancy M. Daugherty, CHP

Well, we've heard from three of you regarding distribution of the *CHP News*, and it's obvious that the reactions aren't unanimous. Thanks very much for the preceding letters; hope to hear

from others soon. The AAHP Executive Council has decided to continue with co-distribution of the *CHP News* with the *HPS Newsletter* for at least a little longer as a trial. The cost difference is about \$2,000 - \$3,000 per newsletter. You'll note that the "Corner" will not be included in *HPS Newsletters* for those months when a *CHP News* is attached.

Whatever the final decision, I'd like to add my thanks to Jim Turner's for all of the help I've received from the *HPS Newsletter's* Genevieve Roessler and Amy Kortuem.

I just returned from a month in the Solomon Islands (Guadalcanal) and New Zealand. Hence, Les Slaback's snide comment in "What Are They Up To?" concerning *CHP News* pay. My thanks to Jim Turner, who edited the "CHP Corner" during my absence.

While in New Zealand, my husband, John, and I happened on a memorial to Sir John Rutherford. It was located in Rutherford's birthplace of Brightwater, near Nelson. The memorial was well done, and we did get some pictures. I'd be happy to share copies with any HPs interested.

Jim Turner discusses the establishment of a new *ad hoc* AAHP committee, chaired by Les Cole, on

governmental agencies and issues. (See "President's Report, page 1.) I personally believe that communications and visibility with these agencies is extremely important at this time.

Increasingly, the traditional State and Federal organizations which have had responsibility for setting and implementing radiation protection standards are sharing this role with new organizations that may have very little experience and expertise in health physics. This is particularly true in environmental radiation protection. Radiation protection authority is being transferred from traditional radiation control groups in the NRC, DOE, EPA, and State Health Departments to organizations whose focus is on air, water, waste, or remediation in general. Radiation protection is only a part of these new groups' interest. They may not have added health physicists to their staffs and may know little more about radiation concepts than the general public.

Perhaps Les Cole's committee can help in increasing the recognition of the health physics profession and of certification within these organizations so that the HPS and the AAHP can serve as a resource of information for them. ■

WILLIAM B. McADAMS AWARD

The William B. McAdams Outstanding Service Award is made annually by the ABHP and the AAHP to honor a Certified Health Physicist who has made a significant contribution toward the advancement of professionalism in health physics and to the certification process. Nominees shall be CHPs who have served the health physics community through outstanding and extended work on the AAHP, ABHP, teaching or other assistance in increasing knowledge of HPs, or other areas that enhance the professionalism of health physics. All CHPs, whether currently active or not, are eligible and posthumous awards are permitted.

All AAHP members are encouraged to submit nominations. Present your nominations in a letter to the current Awards Committee Chairman for 1993, Ruth E. McBurney (ABHP Vice Chair, '93), detailing

the rationale for your nomination and giving background information on your nominee. 1994 Committee members will include the 1994 ABHP Chair and Vice Chair and James E. Turner (AAHP Past President '94). **Nominations** should be sent to the McAdams Award Committee Chairman by **March 1, 1994**, to be considered for the 1994 award.

Address your nomination letter to:

Ruth E. McBurney, CHP
Texas Dept. of Health
Bureau of Radiation Control
1100 W. 49th
Austin, TX 78756 ■

Alphabet Soup: Reflections on Washington, DC, from a Small Town Health Physicist

Susan M. Langhorst, PhD, CHP

Once you get to know what the letters stand for, it's a lot easier to learn what goes on in Washington, DC. As a health physicist at MURR, I have trained a fair number of people in what seems to them the mysterious world of radiation. As I started a year-long sabbatical in our nation's capital, I was reminded of how they must feel when they don't even know the "lingo" associated with what they are trying to understand. Let me give you a sample of what I mean, and let's see how well you do:

In January 1993, I started a sabbatical year with the folks at ORAU (and a subset ORISE) to work here in Washington, DC with CIRRPC technical support staff. CIRRPC, a FCCSET subcommittee, was chartered on April 9, 1984 to address Congressionally-mandated and agency-instigated issues related to radiation research and policy and to serve as a forum where its member agencies can discuss and resolve radiation issues to best serve national interests. CIRRPC reports, through CLSH (a FCCSET committee), to OSTP, which is part of the Executive Office of the President. OSTP is headed up by the President's Science Advisor, Dr. John H. Gibbons. Dr. Gibbons was formerly with OTA.

CIRRPC coordinates radiation matters among agencies, evaluates radiation research, and provides advice on the formulation of radiation policy. It consists of 18 member agencies that have policy and/or scientific roles in the regulation and/or use of radiation. These agencies are USDA, DOC, DOD, DOE, HHS, HUD, DOI, DOJ, DOL, DOS, DOT, DVA, EPA, FEMA, NASA, NSF, NRC, and OMB.

CIRRPC addresses radiation issues in response to requests from member agencies or OSTP, but it also deals with issues that are of overall interest to CIRRPC or its Science Panel (the EC and SPEC help to guide this process). Subpanels are established to address specific issues, and their reports reflect either consensus or, when this is not possible, the range of the members' opinions and positions on these

issues. These subpanels are made up of individuals from the various agencies' subunits, such as AFRRRI, CDC, DNA, ESH, FDA, NCI, NIH, NIST, NMSS, RES, NTIA, ORD, ORIA, or USGS. Currently, subpanels are addressing the following issues: neutron QF; research needs related to neutron RBE; public education on radiation issues; recommendations on radiological protection; occupational radiation protection research; and a fluence-based system of risk assessment for high-LET radiation. Most recently, CIRRPC has sponsored reports by NCRP and by NAS' BEIR Committee, plus they have issued and supported reviews of ICRP and UNSCEAR publications and of the literature on the effects of ELF-EMF. CIRRPC members are also concerned with issues associated with LLW, HLW and TRU waste disposal, the overall regulation of NARM, and the impact of MCLs proposed under the SDWA or NESHAP limits proposed under the CAA.

So, how well do you think you did in understanding all this? The key for deciphering the collection of letters above is given on page 8. I did throw in some terms for those of you familiar with radiation protection issues (positive reinforcement is always helpful), but you can rank your performance compared to my view of this alphabet soup.

- 0 - 20 right: If you routinely deal with radiation issues, you should get at least 20 right. Paying attention to the daily news should ensure a score of at least 10.
- 21 - 40 right: I think I started in this range, so you must be normal. This may cause some to worry.
- 41 - 50 right: You have a good grasp of radiation issues and the accompanying Federal bureaucracy. Please send your name and credentials to the Clinton administration -- oh, by the way,

you may want to review your past record on Social Security tax payments.

51 - 59 right: You are probably already a part of the federal bureaucracy and, as I have been warned, this may directly

60 right:

correlate with your level of cynicism.

A perfect score. Do you have degrees in foreign languages? I suggest you may want to consider spending more time on other aspects of your life!

Alphabet Soup Key

AFFRI	Armed Forces Radiobiology Research Institute (DOD)	NAS	produced radioactive materials
BEIR	Committee on Biological Effects of Ionizing Radiation	NASA	National Academy of Sciences
CAA	Clean Air Act	NCI	National Aeronautics and Space Administration
CDC	Center for Disease Control (HHS)	NCRP	National Cancer Institute (HHS)
CIRRPC	Committee on Interagency Radiation Research and Policy Coordination	NESHAP	National Council on Radiation Protection and Measurements
CLSH	Committee on Life Sciences and Health	NIH	National Emission Standards for Hazardous Air Pollutants
DC	District of Columbia	NIST	National Institutes of Health (HHS)
DNA	Defense Nuclear Agency (DOD)	NMSS	National Institute of Science and Technology (DOC)
DOC	Department of Commerce	(NRC)	Nuclear Material Safety and Safeguards
DOD	Department of Defense	NRC	Nuclear Regulatory Commission
DOE	Department of Energy	NSF	National Science Foundation
DOI	Department of Interior	NTIA	National Telecommunications & Information Administration (DOC)
DOJ	Department of Justice	OMB	Office of Management and Budget
DOL	Department of Labor	ORAU	Oak Ridge Associated Universities
DOS	Department of State	ORD	Office of Research & Development
DOT	Department of Transportation	(EPA)	
DVA	Department of Veterans Affairs	ORIA	Office of Radiation and Indoor Air (EPA)
EC	CIRRPC Executive Committee	ORISE	Oak Ridge Institute for Science and Education
ELF-EMF	Extremely low-frequency electric and magnetic fields	OSTP	Office of Science and Technology Policy
EPA	Environmental Protection Agency	OTA	Office of Technology Assessment (Congress)
ESH	Environment, Safety and Health (DOE)	QF	Quality factor
FCCSET	Federal Coordinating Council for Science, Engineering and Technology	RBE	Relative biological effectiveness
FDA	Food and Drug Administration (HHS)	RES	Office of Nuclear Regulatory Research (NRC)
FEMA	Federal Emergency Management Agency	SDWA	Safe Drinking Water Act
HHS	Department of Health and Human Services	SPEC	CIRRPC Science Panel Executive Committee
HLW	High-level radioactive waste	TRU	Transuranic material
HUD	Department of Housing and Urban Development	UNSCEAR	United Nations Scientific Committee on the Effects of Atomic Radiation
ICRP	International Commission on Radiation Protection	USDA	United States Department of Agriculture
LET	Linear energy transfer	USGS	United States Geological Survey (DOI)
LLW	Low-level radioactive waste		
MCL	Maximum contaminant limit		
MURR	University of Missouri-Columbia Research Reactor Center		
NARM	Naturally-occurring and accelerator-		

WHAT ARE THEY UP TO?

Information furnished by:
Lester A. Slaback, Jr., CHP

From AIHA Newsletter (Jan, 1993) -

The AIHA Board compiled a list of their TOP 10 Priority Issues for 1993. These are areas the Board will proactively pursue in 1993 via action plans and white papers:

- Licensing, certification, and professional protection
- Generic workplace exposure assessment
- Laboratory accreditation
- OSHA reform
- Indoor air quality and an OSHA standard for indoor air quality
- Lead
- Permissible exposure limits
- The North American Free Trade Agreement regarding health and safety provisions
- Ethical conduct of IH professionals and IH liability
- Ergonomics

[Quite a challenge for one calendar year, but they plan to get this done in 6 months and prepare a second list of 10 for the rest of the year! Also seems to be a significant overlap of interest with the health physics community. -LAS]

From AIHA Newsletter (Feb, 1993) -

Extracts from a report of a speech by Harry Ettinger, AIHAP President Elect:

"Efforts to establish a national professional licensing and

registration framework for industrial hygienists in the U.S. is hampered by a lack of public recognition of the benefits of licensure and a lack of information on its impact."

Mr. Ettinger goes on to discuss the need for licensure, lack of recognition of this need, problems such as the lack of clear educational requirements, and steps that can be taken to make progress. In addition, "Whatever form licensing ultimately takes in the U.S.," he cautions the profession "...to remain alert to efforts of other professions to limit the practice of industrial hygienists." Mr. Ettinger offered the CIH process as a critical component to advancing the profession and suggested it may represent an acceptable alternative to professional licensing to U.S. regulatory bodies.

[Substituting HP for IH gives food for thought. Personally, I feel there are insurmountable difficulties with the last suggestion. -LAS]

From AIHA Newsletter (March, '93) -

ANSI Lab Accreditation Task Force Endorses Oversight System Administered by Private Coalition: "There is an urgent need to form a U.S. Laboratory Accreditation Coordinating Committee consisting of representatives of any and all U.S. operating laboratory accreditation systems whether public or private, and major users of such systems." The benefits listed by the task force include:

- Identifying common interests and sharing perceptions
- Receiving information on national programs and provisions relating to laboratory accreditation
- Assuring that laboratory accreditation interests are fully represented in national and international forums
- Promoting public/private sector laboratory accreditation partnerships in the national interest
- Advising government and private organizations on needs in the laboratory accreditation area
- Negotiating with national and international accreditation systems and users of test data
- Considering sponsorship of a means to identify laboratory accreditation systems that meet international criteria

[It would be interesting for someone to summarize current accrediting organizations and describe the communication barriers that necessitate this proposal. -LAS]

Certification/Licensure Emerges as a Priority in IH: "... Pending legislative proposals in Missouri, North Dakota, New Jersey, New York, Oklahoma, Oregon, Virginia, Vermont, Washington, and Colorado address training and accreditation for those involved in lead and asbestos." Legislation has been introduced in California that would allow voluntary registration of certified industrial hygienists (first bill of its kind in the nation).

The March issue initiated a one page Issue Forum, the first being on Professional Recognition. Five writers presented varying

positions on the selected issue.

[Neat idea. Worth stealing. -LAS]

AAPM Newsletter (Dec, '92) -

ABMP Written Boards: 7-8
August 1993. Application
deadline 1 July 1993.

NIST Technical Note 1297,
"Guidelines for Evaluating and
Expressing the Uncertainty of
NIST Measurement Results," B. N.
Taylor and C. E. Kuyatt, Jan,
1993 (15 pg), USGPO, 20402.

This report specifies a single
method for the quantitative
determination of the uncertainty
for a measurement to ensure a
consistency at NIST. It reflects
the CIPM approach where
uncertainties are classified as:

Type A- those which are
evaluated by statistical methods

Type B- those which are
evaluated by other means

Other quantities discussed include
"combined standard uncertainty,"
"expanded uncertainty," and
"coverage factor."

[Let's see, fall '93 added to
curriculums, '94 committee
approves questions, on '95
exam?]

ICRU News : Recently received -

ICRU Report 47, "Measurement
of Dose Equivalents from External
Photon and Electron Radiations,"
15 April 1992 [very slow mail, I
guess].

ICRU Report 48, "Phantoms and
Computational Models in Therapy,
Diagnosis and Protection," 15
June 1992.

RERF Update: A quarterly
newsletter by the Radiation
Effects Research Foundation.
(RERF Update, 5-2 Hijiyama
Park, Minami-ku, Hiroshima,
732 Japan). [A very interesting
newsletter.]

Several titles from the latest
issue are:
"Neutrons in Hiroshima-the
Problem that won't go away,"
"Neutron Discrepancies in the DS
1986 Have Implications for
Radiation Risk Estimates,"
"More About the Early Days of the
Nagasaki Lab."

CIRMS (Council on Ionizing
Radiation Measurements and
Standards), P.O.Box 3418,
Gaithersburg, MD 20885-3418

A summary of the 1992 annual
meeting is available, upon
request. The next annual meeting
is 9-10 November 1993 at NIST.
Membership information is also
available. CIRMS provides a
forum for the open discussion of
issues in the ionizing radiation
measurement and standards field.
The Council studies and gathers
information and defines and
prioritizes needs relating to
ionizing radiation physical
standards and calibration and
measurement activities.

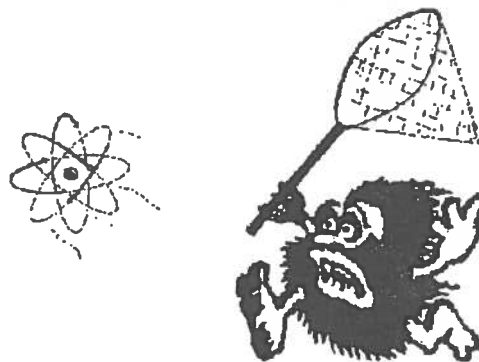
[AAHP note: When the *CHP News*
Editor can go off on a 5 week South
Seas vacation, one wonders if
perhaps the AAHP pay scale is too
high or else the workload is too
low. -LAS]

[I'll get you for that, Les Slaback!
-Nancy] ■

INTRODUCING: ATOM MAN!

*Compliments of
Thomas G. Hobbs, CHP*

Here are several views of the
ATOM MAN (that's the file name
given by a friend who scanned the
patch-and-paste job). For a non-
nuclear person, he came up with a
good name. It's descriptive, has a
Biblical connotation, and well fits
health physics. Certainly, you
have my permission to use the
clip.



[Who says HPs are a serious lot?
Les Slaback (Who else?) put me
on to this. Now all we need is a
story line to go with our super
hero. -Nancy]

Don't Forget!
**Nominations for the
William B. McAdams
Outstanding Service
Award are due
March 1, 1994.**
**Contact the Vice Chair,
ABHP.**

**AMERICAN ACADEMY OF HEALTH PHYSICS EXECUTIVE COMMITTEE
1993**

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