1958

On April 10, 1958, twenty-seven people from the Baltimore-Washington area, interested in radiation safety, met at the Park Plaza Hotel in Baltimore, Maryland to organize a Health Physics Association. The meeting was organized by Paul Guinn, H. Robert Simon and Allen Brodsky. Dinner was served at a cost of $3.25 per person. Among those in attendance were:

Robert F. Barker
Jack M. Bell
Allen Brodsky
Cecil R. Buchanan
Howard E. Chaney
Richard E. Cunningham
Luis F. Garcia
Paul R. Guinn
James W. Hitch
Charles J. Ketcham
A. Wendell Carriker
J. Laurence Kulp (Guest Speaker)
William O. Miller
Donald A. Mussbaumer
Ralph G. Page
Lester R. Rogers
H. Robert Simon
Donovan A. Smith
A.J. Stefanec
Harold C. Woods, Jr.

The meeting was preceded by a dinner and a talk by Dr. J. Laurence Kulp of Isotopes, Inc. on Strontium-90 Fallout.

Paul Guinn was unanimously elected Chairman, Pro-tempore until a formal election could be held. Harold C. Woods, Jr. was appointed secretary-treasurer Pro-tempore. After discussion it was agreed that the name of the organization would be "The Baltimore-Washington Health Physics Association." Anyone having a genuine interest in radiation safety would be eligible for membership. Discussion was held regarding the organization becoming a Chapter of the Health Physics Society. Robert Barker read an April 4, 1958 letter from President Frederick P. Cowan, Health Physics Society to Paul Guinn that encouraged organization of our local chapter and expressed interest in setting up arrangements whereby local groups can become sections of the Health Physics Society.

The enthusiastic interest of this group was rapidly shared by others. About fifty people attended the second meeting of the newly organized Baltimore-Washington Health Physics Association on May 15, 1958. The meeting was held in the Blue Room of the Officer's Club at the Naval Gun Factory in Washington, DC. A "luscious buffet" was served for $3.50 per person. Lester Rogers
handled the program portion of the meeting. The first speaker was Mr. A. Wendell Carriker of the Navy Research Laboratory who spoke about tritium contamination problems associated with a linear accelerator and its tritium targets. James Terrill, Chief, Radiological Health Program of the Public Health Service then gave a talk on the history of the Public Health Service and the formation of the PHS's Division of Radiological Health.

Mr. Charles Ketcham was appointed Program Chairman for the September meeting and Allen Brodsky was appointed Program Chairman for the October meeting.

The recommendations of the committee on Aims and Purposes were read and unanimously approved. (See Appendix A).

Dr. Walter Claus recommended preparation and adoption of by-laws and a constitution be done before the Association makes formal request for affiliation with the National Society. Paul Guinn appointed a committee consisting of Robert Barker, Chairman, Dr. Claus and Luis Garcia to prepare a draft of the constitution and by-laws.

A. Wendell Carriker was appointed Secretary-Treasurer, Pro-tempore replacing Harold Woods who was departing for a new position in Las Vegas, Nevada in August 1958. Mr. Robert Simon recommended the appointment of a publicity chairman, which resulted in a request that the secretary pro-tempore arrange for publicity releases to the local papers concerning meetings and aim's of the Association.

Mr. A. Wendell Carriker presented a paper entitled "A Calibration Facility for Thermal Neutron Survey Instruments" at the annual Health Physics Society meeting in June 1958.

On September 16, 1958 a dinner meeting was held at the Mischantion's Restaurant in the Eastpoint Shopping Center, Baltimore, Maryland. Forty-three persons attended. Mr. Charles Ketcham of the Army Chemical Center, the program Chairman, introduced the speaker, Lester R. Rogers, Chief of the Radiological Safety Branch, Division of Licensing and Regulation, U.S. Atomic Energy Commission. The topic was "The Role of the Health Physicist in the Atomic Energy Industry." He stated that since health physics is such a broad field with so many problems and responsibilities, the role of the health physicist in this relatively new industry is limited only by individual foresight and initiative.

Dr. Claus reported on the work of the committee on Constitution and By-laws and the draft that was prepared by Robert Barker and his committee.

The first formal organization meeting was held on October 23,
1958 at the Washingtonian Motel in Gaithersburg, Maryland. This historic meeting was attended by about eighty people and one hundred twenty-eight applicants were designated as charter members (See Appendix B). A constitution and by-laws were adopted (See Appendix C) and the organization was officially named the Baltimore-Washington Health Physics Association. Those present voted unanimously to petition the National Health Physics Society for recognition as a Chapter of that Society.

The speaker was Dr. Lauriston S. Taylor, Chairman of the National Council on Radiation Protection and Measurements, President of the Health Physics Society and charter member of the Association. His topic was "Radiation Protection Standards".

Dr. Taylor was introduced by Allen Brodsky with the following words:

"This will be the most absurd introduction I have ever given - introducing Dr. Lauriston Taylor to a group of persons in the field of radiation protection. It's like introducing Glenn Seaborg to the American Chemical Society. It is even more absurd that I should be introducing him. In 1928, the year I was born and turning out 60 diapers a day, Dr. Taylor was turning out one society after another. He had just helped to form the International Committee on Radiation Protection and was organizing the National Committee on Radiation Protection. Besides organizing committees, since 1927, Dr. Taylor has spent most of his career at the National Bureau of Standards, where he has done some of the basic physical research on standardizing radiation measurements."

Dr. Claus read several amendments to the draft constitution which were adopted. Election Committee Chairman Allen Brodsky explained the election of officers procedures and conducted the election. The candidates were:

President:  
Paul R. Guinn  
Walter D. Claus

President-Elect:  
Paul R. Guinn  
Walter D. Claus  
Luis F. Garcia

Secretary-Treasurer:  
A. Wendell Carriker  
Edward F. Williams, Jr.

Mr. Williams declined the nomination and Allen Brodsky was nominated from the floor for secretary-treasurer.

Elected officers of the Association for 1958-1959 were:

President:  
Walter D. Claus
President-Elect: Paul R. Guinn
Secretary-Treasurer: A. Wendell Carriker

On October 24, 1958 the Association formally petitioned the Health Physics Society for recognition as a Chapter (See Appendix D). We were the first organization to request this status. Dr. Lauriston Taylor, President of the HPS, responded to the petition on November 13, 1958 indicating that the Board of Directors had approved in principal the establishment of the Baltimore-Washington Health Physics Association as a Chapter of the Health Physics Society subject to a review of the Association's Constitution.

11/18/58 effective date of formal certification as 1st chapter of HPS???

On November 18, 1958, the officers of the Association met to appoint committee members and discuss plans for 1959.

The Baltimore-Washington Health Physics Association's President's Newsletter of December 11, 1958 indicated that chapter status had been conferred upon the Baltimore-Washington Health Physics Association by the Health Physics Society as the first fully functioning organization to request this status.

At the National Bureau of Standards, the first full time health physics staff member was assigned. His name was Dr. Abraham Schwebel.

1959

In 1959 the high professional standards for speakers and meetings continued.

The first meeting in 1959 was held on January 15th at the new Regent House in Baltimore, Maryland. The topic was a panel discussion on "Radioactivity: Public Relations and Education."

Panel Members were:

Mores Salisbury, Director,
Division of Information Services,
U.S. Atomic Energy Commission
J. Steward Hunter,
Assistant to Surgeon General for Information
U.S. Public Health Service

Charles E. Couchman, Director,
Bureau of Industrial Hygiene,
Baltimore Health Department

Howard E. Chaney, Industrial Hygienist,
Maryland State Health Department

A total of 54 members and guests attended. Membership dues were set at $3.00.

The meeting was announced in the Baltimore Sun the following day (See Appendix E).

The second meeting of 1959 was held on March 18th at the Officers Club of the Naval Gun Factory in Washington, DC. Eighty-five members and guests were present. The speakers were: Dr. Elda E. Anderson, President-Elect of the Health Physics Society and Chairman of the American Board of Health Physics and Lester Rogers, Head of the Radiation Safety Branch, Division of Licensing and Regulation, U.S. Atomic Energy Commission.

Mr. Rogers gave background on how the AEC regulations came into being and discussed in general terms the provisions of 10 CFR 20. He stated that the AEC had asked the National Academy of Sciences for advice on sea disposal of radioactive waste. The AEC estimated that the quantity of low level radioactive waste disposed of in the Pacific Ocean was about 10,000 curies, with about 6,000-7,000 curies in the Atlantic. Lester Rogers reported that radiation overexposures in the past 18 months were 60 cases of greater than 0.9 rem/week and less than 3.0 rem/13 weeks and 28 cases where the exposure was greater than 3 rem for 13 weeks.

Dr. Walter Claus, President of the Association then introduced Dr. Elda Anderson. He said he felt he would be presumptuous introducing her since she probably knew more of the members than he and that she probably trained more of the world's health physicists than any other individual. Dr. Anderson's topic was "Certification of Health Physicists". Dr. Anderson stated that with the scarcity of qualified health physicists and the growing demand for them, industry needs guidance on qualifications and certification should raise the stature of the Health Physics Profession. She indicated that the committee on certification proposed the following qualifications for certification:

1. A bachelors degree in physics, chemistry, engineering or
2. Five years of experience in "responsible" health physics work. Up to 3 years of graduate school can be substituted for work experience.

3. The applicant must be working in the field of health physics.

4. The applicant must be able to write reports comprehensively evaluating the radiological aspects of five or nine different types of radiation problems or installations.

5. There will be an oral examination by at least 3 of the members of the Board.

Recognized experts in health physics reviewed these qualifications and a list of about 100 practicing health physicists prepared by the committee. These individuals were sent personal history questionnaires, the data from these were used to reevaluate the proposed requirements for certification. These individuals were also offered the opportunity to be certified for a fee of $10.00. Certification was to be available from July 1959 through December 1959 upon application without oral examination. After December 1959 oral examination was to be mandatory and the fee, $25.00.

The June 4, 1959 meeting was held in the Galaxy Room of Friendship International Airport in Baltimore, Maryland. The topic was "Health Physics Problems in the Armed Forces" and the speakers were:

Army: Lt. Col. Lloyd MacMurray; Chief, Industrial Hygiene Section, Preventive Medicine Division; Office of Surgeon General.

Navy: CDR Royce K. Skow; Radiological Safety Officer, National Naval Medical Center.

Air Force: Lt. Col. William H. Lee; Assistant to Special Weapons Officer, Office of the Surgeon General

Mr. Charles E. Snow, Membership Committee Chairman reported that 100 members had paid dues for 1959.

At the June 4th meeting, Dr. Claus read a letter from Dr. Lauristion Taylor, President of the Health Physics Society regarding our application for status as a Chapter of the Society which had been approved in principal in November 1958. The letter indicated that the Constitution and By-laws of the Health Physics Society had no provisions for associations and recommended that the name Baltimore-Washington Health Physics Association be changed to the Baltimore-Washington Chapter of the Health Physics Society.
letter also recommended that our constitution be changed to clarify the requirement that only members of the Health Physics Society could be elected to office in the Chapter. The members present voted to adopt the recommended changes, changing the name of the Baltimore-Washington Health Physics Association to the Baltimore-Washington Chapter of the Health Physics Society and changing the constitution to clarify that "only those members or associate members of the Chapter who are members of the Health Physics Society shall be eligible to hold office in the Chapter". On October 27, 1959 Dr. Claus wrote to Dr. Elda E. Anderson, the new President of the Health Physics Society affirming changes in the Chapters name and constitution and petitioning for official recognition as an official Chapter of the Health Physics Society, confirming the tentative approval accorded in November 1958.

At the Health Physics Society's Board of Directors Meeting on June 17, 1959 in Gatlinburg, Tennessee we were formerly certified as a Chapter of, the Society as of November 18, 1958.

The October 1, 1959 meeting was held at the Shady Grove Country Club at the Washingtonian Motel in Gaithersburg, Maryland. Forty-two members and guests attended. Dr. Claus read a letter from President-Elect Paul R. Guinn stating that he had recently accepted a position with the AEC in Oak Ridge, Tennessee and was resigning his office in the Chapter. Since election of officers for 1960 was to be held at the December 1959 meeting the vacancy would be filled by electing a president along with a president-elect and secretary-treasurer. Dr. Claus named Allen Brodsky and Henry Rechen, members of the Nominating and Election Committee.

It is interesting to note that Paul Guinn went on to become a Charter Member of the Tennessee Chapter.

The speaker at the October 1st meeting was Dr. Scott W. Smith, Chief of the Radiological Equipment Section at the National Bureau of Standards. His topic was "Radiation Protection Discussions at the International Labor Conference (ILO) in Geneva, Switzerland, June 1959. At this conference Dr. Smith served as a special advisor to the American Delegation for Radiation Protection Matters. He told of the purpose and operations of the ILO and why they are concerned with radiation protection. He told of what was being done concerning establishing codes of practice and recommendations regarding work with radiation. These codes of practice and recommendations, which were to be presented in final form in 1960, would not be legally binding in any country unless ratified by the country's legislative body. It was pointed out that these guides, even if not ratified by Congress, would have considerable influence, and if they were too stringent or liberal they could be the cause of many undesirable situations
is therefore very important that the final draft that the ILO adopts be a carefully considered piece of work.

The last chapter meeting for 1959 was held on December 3rd at the Diplomat Restaurant and Lounge in Washington, DC. The speaker was Charles L. Dunham, M.D., Director, Division of Biology and Medicine, U.S. Atomic Energy Commission. The topic was "Federal Radiation Council”. The business meeting was opened with a treasurer's report showing a balance on hand of $179.85. Dr. Margarete Ehrlich announced that the Health Physics Society had appointed her as a member of the Society's Standing Committee on local chapters to act as liaison between the chapters and the Health Physics Society.

Following dinner, President Claus introduced the guest speaker. Dr. Dunham’s talk concerned the Federal Radiation Council that was established in 1959. In giving some background for why the Federal Radiation Council was formed, he discussed the early developments in radiation protection, the Manhattan District, the AEC Act, the fallout in the Pacific in 1954, and the report by the National Academy of Sciences on the effects of radiation. The report of the National Academy of Sciences pointed out that only the AEC-produced sources of radiation were covered sufficiently well by regulations to permit any control of radiation exposures received by the public. At the time of the report neither the NCRP nor the ICRP were ready to take a firm stand on the magnitude of all the effects of radiation. In 1959 Congress passed the "Hill Bill” which placed broad responsibility for the radiation safety of the general public in the hands of the Public Health Service and provided for the transfer of some of the regulatory responsibilities from the federal level to the state level. Dr. Dunham stated that the two chief areas of concern at the first meeting of the Federal Radiation Council were establishing standards for radiation protection and assuring the coordination of the efforts of the agencies involved. In closing, Dr. Dunham stated he felt that the establishment of the Federal Radiation Council places the entire radiation safety problem of the country on a sound footing since the broad responsibility is placed in a group in high authority in the executive branch of the government.

1960

The first meeting of 1960 was held in the Galaxy Room at Friendship International Airport in Baltimore, Maryland on February 11th. There were fifty members and guests present. The treasurer’s report gave a balance on hand of $239.95, dues remained at $3.00 per person.
Those from our chapter who were certified in 1960 were: Allen Brodsky, Joseph M. Brown, Jr., Walter D. Claus, Maxwell Dauer, Gordon M. Dunning, James W. Hitch, Charles J. Ketcham, Richard Moore, R. Gerald Page, Lester R. Rogers, Abraham Schwebel, and James G. Terrill, Jr.

President-Elect A. Wendell Carriker, speaking as Chairman of the Program Committee suggested that the Chapter consider holding a symposium and Dr. Clifford E. Nelson suggested that a questionnaire be included in the dues announcement to determine interest and obtain abstracts of proposed presentations.

The speaker for the evening was Dr. Howard Andrews, Radiation Safety Office, National Institutes of Health who spoke on "Health Physics In Russia," reporting on his observations of Health Physics and Radiobiology during his recent trip to Russia. He indicated that personnel protection was based primarily on self-reading pocket dosimeters and calculations of shielding. Film badges were not used and no post-operational monitoring was done after facility construction to determine if design performed to specifications.

The second meeting of the year was held at the Officer's Club of the National Naval Medical Center in Bethesda, Maryland on April 20, 1960. The topic for the evening was "Personnel Monitoring Devices" and the speakers were:

**Film Dosimeters:**
Dr. Margarete Ehrlich,
Radiological Equipment Section,
Radiation Physics Division,
National Bureau of Standards

**Pocket Meters:**
Charles S. Hollander,
AW-BW-CW Equipment Design Section,
Electronics Division,
Bureau of Ships

**Solid State Dosimeters:**
Dr. Frank H. Attix,
Bielecric Branch,
Solid State Division,
Naval Research Laboratory

There were about 50 members and guests present.

The business meeting opened at 8:30 p.m. Treasurers report showed a balance of $426.62. A. Wendell Carriker reported on the results of the questionnaire circulated to the membership concerning the proposal to hold a symposium. A bare majority preferred having a half-day symposium in conjunction with a tour of
one of the local laboratories. Twenty-six members offered to give papers and sixteen submitted abstracts. A tentative date for the symposium was set for Fall 1960.

The third meeting of 1960 was held on June 2nd at the Gordon Wilson Hall, University of Maryland Hospital in Baltimore, Maryland. There were 25 people in attendance. The speaker was Stanley H. Clark, Director, Medical Nuclear Consultants, Inc. in Washington, DC. The topic "Radiation Hazards in Space", discussed the extent and nature of the hazards due to cosmic radiation, and the Van Allen Belt. His talk was oriented towards man's survival in these radiation fields during space travel.

On September 27th we established another first. An all day Health Physics Symposium was held at the National Bureau of Standards. The day started with a tour of the Bureau's radiation facilities. The afternoon session was devoted to the presentation of some 25 papers related to Health Physics followed by a dinner and guest speaker. President Royce Skow introduced, as Guest of Honor, Dr. Elda E. Anderson, Past President of The Health Physics Society. Dr. Claus introduced the speaker Dr. John S. Laughlin current President of the Health Physics Society who spoke on "Medical Physics".

The final meeting of the year was held on December 8, 1960 in the Galaxy Room at Friendship International Airport in Baltimore, Maryland. Thirty-one members and guests were present. Election of Officers for 1961 were held. The nominees were:

President-Elect: Dr. Howard E. Andrews
Lt. Col. Maxwell Dauer

Secretary-Treasurer: Allen Brodsky
Andreas P.T. Zizos

Those elected were Dr. Howard E. Andrews and Allen Brodsky.

Commander Royce Skow introduced the speaker, Dr. Walter P. Claus, the Chapter's Past President and the President-Elect of the Health Physics Society Dr. Claus' topic was "Professional Status". Dr. Claus emphasized the background of health physics as a profession and the Health Physics Society, a profession as the responsibility of the professional person. The various disciplines involved in relation to health physics and the fact that Health Physics is different and essential in its own right were emphasized. He discussed the profession of health physics in terms of the education, training, practice, duties and responsibilities of the professional. Dr. Claus pointed out the necessity of striving for professional recognition in the mind of the public.
1961

By April our membership stood at 146. Our officers' were:

President: A. Wendell Carriker
President-Elect: Howard L. Andrews
Secretary-Treasurer: Allen Brodsky
Past President: CDR Royce K. Skow

Our first meeting was held on February 16th in the Galaxy Room at Friendship International Airport in Baltimore, Maryland. The speaker was COL James Brennan, U.S. Army Medical Corps, Walter Reed Army Medical Center in Washington, DC. The topic - "Fatal Accidents Involving Radiation". Sixty-two members and guests attended the dinner and about 75 attended the speaker session. Dr. Brennan discussed the radiation exposure incident of March 1954 in which the Marshallse were exposed to fallout from the Castle Nuclear Weapons test. By way of business, Richard Dorman, member of the Publicity Committee, proposed an amendment to the Constitution and By-Laws that an Associate Membership category be established for students to encourage their attendance at meetings. Member Howard Chaney accepted the Chairmanship of a one-man ad hoc training committee to draw up a questionnaire to determine membership desires on this matter.

The second meeting was held on Friday, April 14th at the Heritage House in Ellicott City, Maryland. About 50 people were present to hear Dr. Russell H. Morgan's talk on "Radiant Energy Measurements in Diagnostic Radiology". Dr. Morgan was Professor of Radiology and Environmental Medicine and Director of the Department of Radiology at John Hopkins University. In an April 21st letter to members, we were informed by President A. Wendell Carriker that Dr. Elda (Andy) E. Anderson died of cancer on April 17th. Andy was the underpinning of our society, training more of the world's health physicists than any other individual. Moreover her inspiration was encouragement to us all. She has been very much missed by all.

The third meeting was held on Friday, June 2nd at the National Bureau of Standards. The program consisted of showing two new movies entitled "Radioactive Waste Disposal" and "Radiation Protection in Nuclear Medicine". Twenty-eight members and guests attended. Mr. Richard Dorman formally introduced an amendment to the Constitution and By-laws to establish an associate membership category for students. The amendment was approved by those members in attendance. During the movies Abe Schwebal served coffee brewed
in his own Bureau of Standards Chemistry Laboratory and some doughnuts modeled after the NBS betatron.

The next meeting was held Thursday, September 28th at the Broadmoor Hotel in Washington, DC. Forty-four members and guests attended. President A. Wendell Carriker announced that Allen Brodsky had moved to the University of Pittsburgh and Robert Barker had been appointed to complete the term as Secretary-Treasurer. He also announced that a committee composed of the past four presidents of the Health Physics Society had been established to decide each year how the Elida Anderson Memorial Fund award should be used. Mr. Howard Andrews made a motion that the Chapter donate $50.00 to the fund. The motion was unanimously approved.

President A. Wendell Carriker reviewed the results of the questionnaire regarding training of Health Physics technicians. Considerable interest was expressed.

Dr. Andrews introduced the guest speaker. Dr. Swarn, Pathologist at the Cancer Institute, National Institutes of Health who spoke on "Auto Radiography".

Our next meeting of 1961 was held on Friday, October 20th at the Schrafft's Restaurant, Colony 7 Motor Inn near Ft. Meade, Maryland. Thirty-three members and guests turned out to listen to Ed Vallario, USAEC describe the health physics aspects of the SL-1 accident at Idaho Falls. Ed was introduced by Cecil R. Buchanan. At the time of the accident Ed was with the Health Physics group at Idaho Falls. For his heroic courage and dedication during the accident Ed received the Andrew Carnegie and the Atomic Energy Commission awards for heroism. Dr. Walter Claus, President of the National Society and Claire Palmiter, Program Chairman of the National Society were present at this remarkable historic event. In his talks Ed noted that Scott Air Pack failed to function in the -10 degree temperatures and that radiation levels exceeded the 500R/hr. range of available portable radiation survey instruments.

Our first of many sauerbraten dinner meetings was hosted by the W.R. Grace Company, Thursday, December 7th, in Clarksville, Maryland thanks to Don Moyer of W.R. Grace. Thirty-eight members and guests were present to witness this historic event. The speaker was Dr. Scott W. Smith and the topic was "Radiation Standards at the National Bureau of Standards". Dr. Smith said that the oldest radium standard encased in glass, had been personally presented to NBS by Madam Curie in 1913. The Chef at W.R. Grace Company prepared a excellent German dinner of sauerbraten, dumplings and red cabbage. To quote the minutes of that meeting, "Enough free beer was served to reduce by half the effective half-life of any accidental tritium exposure that may
have occurred during the past few days among those present."

Nominees for office for 1962 were Luis F. Garcia and Richard H. Boutelle, President-Elect, Tomas G. Hobbs, Secretary-Treasurer.

In a letter dated December 27th to Russell F. Cowing, Executive Secretary of the National Health Physics Society, President A. Wendell Carricker expressed chapter interest on the great work of Elda E. Anderson in the education of health physicists. In her memory the chapter contributed $50.00 to a memorial fund. In addition, the following contributed to the fund through the Chapter:

Paul Aebersold  
Robert Barker  
Allen Brodsky  
Cecil Buchanan  
A. Wendell Carricker  
Walter Claus  
James W. Hitch  
Scott W. Smith

1962

The 1962 membership was reported as 178 (132 members are listed in the Membership Handbook).

The proposed budget for 1962 was $372.00.

The first meeting of the year was held on Thursday, March 8th in the Green Room of the Broadmoor Hotel in Washington, DC. James E. Terrill, Jr. was the speaker and the topic was "The Role of the Public Health Service in Radiation Protection". At the time, Mr. Terrill was Deputy Chief, Division of Radiological Health, USPHS.

We met again at the Broadmoor Hotel on April 26th to hear Dr. Frank H. Attix discuss "Recent Developments in Radiation Units". Frank was the Head of the Radiation Sensitive Materials Section of the Naval Research Laboratory at the time. His talk covered the problems and formulation of new concepts concerning the work of the Absorbed Dose Committee on International Commission on Radiological Units. His summary covered a discussion of a recent meeting in Geneva of that committee. Forty-one members and guests attended.

President Howard Andrews indicated that he had been approached by the Dean of Montgomery County Jr. College asking for help from
our Chapter in organizing a Health Physics Technician Training Program at the College. Dr. Claus was asked to organize a group to investigate ways of aiding the project.

After a summer break we were off and running again with our September 27th meeting; this time at the Brentwood Inn in Baltimore, Maryland. Thirty-six members and guests were on hand to hear Dr. Randell S. Caswell's talk on "Measurement of Neutron Radiation". At the time, Randy was Chief, Neutron Physics Section, Radiation Physics Division at the National Bureau of Standards. President Andrews gave a report on the Chapter breakfast at the Annual Health Physics Society meeting in Chicago. He pointed out the plaque and banner on display at the meeting had been given to him at the annual meeting in Chicago.

We met next on November 1st, again at the Broadmoor Hotel in Washington, DC. The topic was "Activities of the Office of Science and Technology". Col. James Hartgering, Special Assistant to the Scientific Advisor to the President was the speaker. Fifty-eight members and guests attended. In attendance also was Dr. Leo Stracker, Director of the Radiation Research Laboratory of the Netherlands.

Dr. Andrews read two letters, one from the AEC and the other from ORINS asking for help in publicizing the AEC Fellowships in Health Physics.

Our last meeting of the year was held December 6th at Materials Testing Laboratory at the National Bureau of Standards. Coffee and donuts were provided and a movie titled "Phase III of the SL-1 Recovery" was shown. Officers were elected.

1963

One-hundred forty-seven members are listed in the Membership Handbook.

On October 12th the Chapter held its second symposium. The symposium was held at the National Institutes of Health and the National Naval Medical Center, Bethesda, Maryland. Eleven papers on a variety of health physics topics were presented. Tours were to:

- National Institutes of Health
- Radiation Therapy Department
- Whole body counters.

- Armed Forces Radiobiology Research Institute
- 1200 MW pulsing reactor.
National Naval Medical Center
Whole Body Counting Facility
Automatic dosimeter film scanning.

Sixty-one people attended this Fall Symposium.

We were informed that Dr. Louis B. Silverman died on November 14, 1963 and in December the Chapter donated $25.00 to the American Heart Association in his memory and a letter of regret was sent to his widow in Los Angeles, California.

MEETINGS

Thursday, February 21st,
"World Wide Fallout"
CAPT R.P. Minx, U.S. Army
Project Officer, Stardust High Altitude Sampling Program
Defense Atomic Support Agency
Location: Broadmoor Hotel
Washington, DC

Thursday, March 28th,
"Radiation and Workmen's Compensation"
Mr. H.H.E. Plaine,
Chairman, Special Committee on Atomic Energy
Law of the American Bar Association currently associated with the Department of Justice

and

Mr. Lawrence Smedley
Social Insurance Analyst
Department of Social Security, AFL-CIO
Washington, DC
Location: Broadmoor Hotel
Washington, DC
(43 people attended)

Thursday, May 9th,
"Current Activities of the Northern California Chapter of the Health Physics Society and California's Radiation Regulatory Program".
Mr. Alexander Grendon
President-Elect,
Northern California Chapter and Coordinator of the Office of Atomic Energy Development and Radiation
Protection for the State of California
Location: Deutsche Haus
Baltimore, Maryland

Thursday, December 5th,
"Rapid Determination of the Specific Activity
of Krypton-85 in Pressurized Cylinders"
Mr. Kenneth D. Williams
Health Physicist
Department of Radiation Safety
National Institutes of Health
Location: Broadmoor Hotel
Washington, DC

1964

As of July 1964 there were 186 members listed in the
Membership Handbook.

On April 3rd the Executive Committee voted to recommend to the
membership that the 1967 National Health Physics Society Meeting be
held in Washington, DC. On June 5th, we formally requested hosting
of the 1967 Annual Meeting.

James G. Terrill was nominated for President-Elect of the
National Health Physics Society. Luis F. Garcia was nominated for
Secretary. Dr. Charles L. Dunham was nominated for the Board of
Directors.

Sydney Porter began an effort to arrange for lectures for a
series of refresher courses. This effort may have been the start
of the Chapter's preparation Courses for Health Physics
Certification.

The Pro-tempore General Assembly investigating the formation
of an International Radiation Protection Association (IRPA) met in
Paris, France, November 30th through December 3rd. Howard L.
Andrews (President of the National Health Physics Society) and
James G. Terrill, Jr., members of our Chapter were delegates.

MEETINGS

Thursday, February 20th,
"The SNAP Isotope Program"
Justin L. Bloom

16
Technical Assistant to the Director,
Division of Isotope Development
U.S. Atomic Energy Commission
Location: Broadmoor Hotel
         Washington, DC
         (39 people attended)

Thursday, April 9th,
"Thermoluminescence Dosimetry"
Dr. F. Herbert Attix
Head, Dosimetry Branch
Nucleonics Division
Naval Research Laboratory
Location: W.R. Grace Company
         Clarksville, Maryland
         (78 people attended)

Thursday, May 21st,
"Neutron Dosimetry"
Dr. Joseph Sayeg
Neutron Dosimetrist
EG&G
Location: NCO Club
         Walter Reed Army Medical Center
         Washington, DC
         (57 people attended)

Thursday, September 24th,
"The Present Status of Activation Analysis"
Dr. W. Wayne Meinke
Chief, Office of Standard Reference Materials
and Chief, Analytical Chemistry Division
National Bureau of Standards
Location: Blair Mansion Inn
         Silver Spring, Maryland
         (64 people attended)

Tuesday, December 15th,
"Health Physics in Perspective"
Dr. G. Hoyt Whipple
School of Public Health
University of Michigan
Location: W.R. Grace Company
         Clarksville, Maryland
         (88 people attended)
1965

As of April there were 125 paid members. By December there were 148 members in good standing. Annual dues were $3.00 per person.

On Saturday, September 18th the Chapter held its third symposium. This one was entitled "Air Sampling and Related Problems". The symposium was held at the National Bureau of Standards. Eight papers were presented followed by tours of NBS's radiation facilities. About one hundred people attended.

MEETINGS

Thursday, February 18th,  
"The Kiwi Transient Nuclear Test"  
Ralph Decker,  
Chief, Nuclear Propulsion Office  
Location: Broadmoor Hotel  
Washington, DC  
(73 people attended)

Thursday, May 20th,  
"The Lansdowne Decontamination Project"  
Thomas M. Gerusky  
Chief, Radiological Health Section  
Pennsylvania Department of Health  

and

John C. Villforth  
Chief, Assistance to State Radioactive Materials Programs  
U.S. Public Health Service  
Location: Fairwood Inn  
Bethesda, Maryland  
(70 people attended)

Thursday, December 16th (Annual Business Meeting)  
"Health Physics at the Naval Research Laboratory"  
Lawrence Brauch  
Radiological Safety Officer  
Naval Research Laboratory  
Location: W.R. Grace Company  
Clarksville, Maryland  
(73 people attended including 13 students from Montgomery Jr. College)
1966

The 1966 Membership Handbook listed 185 members including 41 charter members and 122 members of the national society. By December our membership stood at two-hundred and thirty.

MEETINGS

Thursday, January 20th,
"Current Problems in Health Physics
Aspects of Radiobiology"
Colonel James T. Brennan
U.S. Army Medical Corps
Director, Armed Forces Radiobiology
Research Institute
  Location: Bish Thompsons Restaurant
  Bethesda, Maryland
  (98 people attended)

Thursday, March 17th,
"My Son - The Health Physicist"
A musical extravaganza from the
New York Chapter starring: Saul Harris,
Mort Heller, Louise Wibecan and Shirley
Vickers.

A commentary on public and professional understanding of radiation hazards and control as measured by the roar of the crowd. Problems discussed are: discovery of x-rays, control of accelerators, how to be happy though certified, going through college on a grant, how to locate nuclear reactors, and minimum credible accidents.

  Location: Officers Club Naval Medical Center
  Bethesda, Maryland
  (138 people attended)

Thursday, May 19th,
"Transportation of Radioactive Materials"
William A. Brobst
Chief, Technical Branch
Interstate Commerce Commission
  Location: O'Donnell's Restaurant
  Bethesda, Maryland
  (70 people attended)
Saturday, October 8th,
Fall Symposium - "Practical Health Physics
Evaluation Techniques"
National Bureau of Standards
Technical Sessions on Accelerators, Reactors,
Medical use of X-rays and Radioisotopes,
Monitoring Techniques and a tour of the NBS
reactor. Eleven papers were presented.
(110 people attended)

Thursday, December 1st, (Annual Business Meeting)
"Environmental Aspects of Nuclear and Conventional
Power Plants".
James G. Terrill, Jr.
Deputy Chief, Division of Radiological Health U.S.
Public Health U.S. Public Health Service
Location: Officer's Club
National Naval Medical Center
(90 people attended)

At the May 19th meeting, Mr. Robert Catlin, Jr. announced that
he had been asked by the IRPA Committee about the Chapter hosting
a December 1969 IRPA meeting in Washington, DC.

The Chapter held its first "Preparation Course for the
American Board of Health Physics Certification Examination"
sponsored jointly by the Chapter and Public Health Service. The
course was given on Monday nights commencing December 5th for 22
weeks (ending June 13, 1967) and was held at the PHS's Radiological
Health Laboratory, 1901 Chapman Avenue, Rockville, Maryland.
Course leaders were Sydney Porter, Jr. and Michael Terpilak. The
course fee was $10.00 per student. There were about 35 course
instructors, specialists in various health physics disciplines.
The course was the first of many, designed to prepare health
physicists to take the ABHP Certification Examination.

The National Bureau of Standards obtained its first 150 MeV
Linear Accelerator in 1966.

The local Arrangements Committee for the 1967 National Society
meeting was organized as follows:

Chairman, PHS: John C. Villforth
Co-Chairman, PHS: John G. Bailey
Treasurer, NRL: Lawrence A. Brauch
Public Relations, PHS: Judson Hardy
Exhibits, Eberline Inst. Corp.: Merton R. Marley
Tours, Armed Forces Radiobiology: Sidney W. Porter, Jr.
Rooms and Sessions, NBS: Abraham Schwebel

DEATH OF CHAPTER MEMBER

CDR THOMAS E. SHEA, JR.
RADIATION SAFETY OFFICER,
UNIVERSITY OF MARYLAND

Retired Navy CDR Thomas E. Shea, Jr., a specialist in radiation and the use of radioactive materials in medical research, died October 26th at the Bethesda Naval Hospital after suffering a heart attack. He was 54.

1967

The 1967 membership stood at 238 including 27 certified health physicists, 37 charter members and 120 members of the national society.

A $25.00 contribution to the Leslie Silverman Memorial Fund was unanimously approved by members present at the February meeting.

Thirty-three individuals were enrolled in the American Board of Health Physics Certification Preparation Course. The course began November 21, 1967 and ended June 11, 1968. The course director was Dr. John V. Nehemias, Division of Radiation Standards, Atomic Energy Committee.

At the direction of Chapter President, Sid Porter, lifetime memberships in the Baltimore-Washington Chapter were bestowed upon the following for their outstanding contributions to the chapter:

Dr. Joseph A. Sayeg
University of Kentucky
Medical Center

Dr. H.J. Dunster
Radiological Protection Division
UKAea, England

Mr. Russell F. Cowing
Executive Secretary
Health Physics Society

Mr. William C. Reinig
E.I. DuPont DeMemours
Savannah River Laboratory
At the October 5th meeting, ABHP Certification Certificates were presented to James Malaro, Sydney Porter, and James R. Coleman.

Two new committees were proposed: The Professional Standards and Professional Education Committee and the Public Relations and Public Education Committees.

In 1967 criticality was achieved at the National Bureau of Standards first 10 megawatt reactor.

The Chapter hosted the Health Physics Society annual meeting June 18th-23rd. Local Arrangements Committee Chairman was John C. Villforth. The Chapter and the Conference on Radiological Health co-sponsored a welcome cocktail party the evening of June 18th.

**MEETINGS**

Thursday, February 2nd,
"Recent Public Relations Experiences, Considerations and the Health Physicist"
(This talk was in lieu of the planned talk "Recent Advances in Applied Health Physics at the National Reactor Test Site"
John R. Horan
Director, Health and Safety Division
Idaho Operations Office
Atomic Energy Commission
and
President, Health Physics Society
Location: O'Donnell's Restaurant
Bethesda, Maryland
(65 members and guests attended)

Thursday, March 16th,
"Legal Liability and Recourse for Radiation Injury"
Vincent P. Collins, M.D., L.L.B.
Professor and Chairman, Department of Radiology
Baylor University College of Medicine
Houston, Texas
Location: Officer's Club
Walter Reed Army Medical Center
Washington, DC
(45 members and guests attended)
Wednesday, May 10th,
"Extraordinary Nuclear Occurrences and Emergency Assistance Payments to the Public"
Bertram H. Schur
Associate General Council
Atomic Energy Commission

and

Robert J. Catlin, Jr.
Chief, Radiation Standards Branch
Division of Radiation Protection Standards
Atomic Energy Commission
Location: O'Donnell's Restaurant
Bethesda, Maryland
(36 members and guests attended)

Thursday, October 5th,
"Getting the Most Out of Preoperational Environmental Surveys"
Gerald K. Rhode
Senior Nuclear Engineer
Niagara Mohawk Power Corporation
Buffalo, New York
Location: W.R. Grace Company
Clarksville, Maryland

ABHP Certification Certificates were presented to James Malaro, Sydney Porter and James R. Coleman
(74 members and guests attended)

Thursday, December 7th,
"The Dosimetric Aspects of Exposure to Radon Daughters in Mines"
Dr. Walter S. Snyder
Assistant Director
Health Physics Division
Oak Ridge National Laboratory
Oak Ridge, Tennessee

and
President, Health Physics Society
Location: Officer's Club
National Naval Medical Center
Bethesda, Maryland
(100 members and guests attended)
1968

Membership stood at 224 including 33 certified health physicists and 34 Charter Members.

During this year plans were being made to host the 1973 IRPA meeting. Those active in the early planning were Sid Porter, President; Jay Brown, President-Elect, and Patricia Cliggett, Secretary-Treasurer. By letter of July 1, 1968 from Frank Paschal, Jr. (Chairman, IRPA Meeting Place) we were informed that the Board of Directors of the Society voted to hold the 1973 IRPA Conference in Washington, DC. Sid Porter was selected to be Chairman of the hotel arrangements and the Washington Hilton was selected as the headquarters hotel.

We held another symposium at the National Bureau of Standards. The date was Saturday, October 5th and the topic was "Control of Tritium Hazards". Symposium Chairman was Sid Porter. Thirteen papers were presented. Wright Langham presented the "invited paper" on "Early History and Health Physics of Tritium Hazards". This paper discussed the early history of the physiology and toxicology of tritium research at the Los Alamos Scientific Laboratory of which Wright was very much a part. Other papers addressed tritium surface contamination limits, tritium contamination in particle accelerator operations, tritium production and release from commercial nuclear power reactors and the evaluation of potential releases of tritium from consumer products. Over 150 people attended the symposium, many from widely scattered parts of the United States.

We were informed that John Kendig, Jack Bell, Thomas Hobbs, William Kirk, Donald Oakley, Charles Robbins, Gail Schmidt and Dave Snavely received certification by the ABHP.

The Chapter sponsored its third preparation course for ABHP examination, beginning November 19, 1968 and ending June 1969. The course was held at the National Center for Radiological Health in Rockville, Maryland and was cosponsored by the Center and the Atomic Energy Commission. The AEC awarded the Chapter a $2300 contract to help finance the course. The course director was Michael Terpilak.

At the October 24th Executive Committee meeting, the committee voted to increase Chapter dues from $3.00 to $5.00 a year. The annual dues of $3.00 were set when the Chapter was originally organized in 1958. At that time, postage for a one ounce, first class letter was 4 cents. By 1968, postage had increased to 6 cents, making it necessary to increase dues to cover mailing costs. Anyone remember when postage was 6 cents?
On the local scene, The Catholic University of America announced evening courses in Health Physics beginning in September. The program entitled "Nuclear Science" was open to candidates wishing to pursue a MS or PhD degree.

In October Dr. Paul L. Ziemer, Chairman of the Health Physics Society's Midyear Symposium Committee asked us to consider hosting a mid-year topical symposium in 1971. The Chapter voted to accept this new challenge in spite of the large effort already committed to hosting the 1973 IRPA Congress. This became a Chapter characteristic - always willing to say "yes" to new challenges.

Sid Porter chaired an ad hoc committee of the National Society to draft Civil Service Qualification and Classification Standards for Health Physicists. Members were Leon Blumenthal, Laurence A. Brauch, Abraham Schwebel, Lauriston Taylor and Forrest Western. The Civil Service Commission adopted these standards as Health Physics Series 1306.

At the 1968 Annual Health Physics Society Meeting in Denver Colorado, a motion was passed calling for the establishment of a committee of the Society "to provide to the Board and membership a continuing evaluation of the profession of Health Physics, as it is related to and affected by changing social and economic conditions. In a petition of October 22nd to Chapter President Cecil Buchanan signed by Robert Barber, Albert Kenneke and John Nehemias it was proposed that a similar committee be appointed within the Baltimore-Washington Chapter. In a letter dated December 18th, Cecil appointed Albert P. Kenneke Chairman of an Ad Hoc Advisory Committee on Social and Economic Concerns of the Chapter. Members appointed were:

Lewis Battist
Gen Roy
Glenn Zimer
Laurence Brauch
Harold Gaut

MEETINGS

Thursday, February 1st,
"Problem Involved in Setting Radiation
Guidance - Case in Point: Guidance
for Radon Daughters in Uranium Mines"
Dr. Paul C. Tompkins
Executive Director
Federal Radiation Council
Location: Officer's Club
Walter Reed Army Medical Center
Washington, DC

Thursday, April 4th,
"Health Physics Aspects of the Nuclear Weapons Accident in Spain"
Dr. Wright H. Langham
Biomedical Research Group Leader
Los Alamos, New Mexico
and
President-Elect, Health Physics Society
Location: Governor's House Motel
Bethesda, Maryland

Thursday, May 16th,
"Practical Aspects of Activation Analysis in Crime Detection"
Maynard J. Pro
Assistant Chief of Laboratories
Internal Revenue Service
Washington, DC
Location: W.R. Grace Company
Clarksville, Maryland

This may have been a joint meeting with the local Chapter of the American Nuclear Society.

Thursday, December 12th,
"Some Problems in Radiobiology of Interest to the Health Physicist"
Dr. J. Newell Stannard
University of Rochester
School of Medicine
Rochester, New York
and
President-Elect
Health Physics Society.
Location: Officer's Club
National Naval Medical Center
Bethesda, Maryland

In December Sid Porter and Michael Terpilak were awarded special Chapter citations in recognition for their outstanding contributions to the Chapter during 1965-67 in planning, developing, and conducting the Preparation Course for American Board of Health Physics Certification.

Sid Porter and his Ad Hoc Committee of the National Society were commended for their fine work in drafting Qualification and Certification Standards for determining grade ratings for health
physicists in Government Civil Service. Other Chapter members serving on this committee were Forrest Western, Laurence A. Brauch, Abraham Schwebel and Lauriston Taylor.

Jay Brown proposed changing our Chapter year to May 1st of one year through April 30th of the following year to correspond with the National Society's year. This would allow the new President-Elect and the Program Committee to plan for the Chapter year during the summer months. The Executive Committee agreed at its October 24th meeting that this was a good idea and took steps to revise the Chapter's Constitution and By-laws accordingly.

Through the efforts of the Public Information Committee chaired by Marshall Little, a Speakers Bureau was established. The purpose of the Bureau was to provide lecturers to educational institutions and meetings of professional societies and civic organizations who could speak on a variety of radiation-related subjects.

Sid Porter and Jay Brown were recommended to the Chapter President for nomination by the Chapter for the Elda Anderson award.

1969

The membership handbook listed 179 members, including 31 certified health physicists and 25 of the original charter members of the Baltimore-Washington Chapter.

Dr. William A Mills, Director of the Division of Biological Effects, Bureau of Radiological Health received the 1969 Health Physics Society's Elda E. Anderson award.

Our President, Cecil Buchanan recommended Frank H. Attix to membership on the Awards Committee of the National Society.

In a letter to the Honorable Charles C. Diggs, U.S. House of Representatives, the Chapter went on record as supporting the District of Columbia's Radiation Protection Act (HR-668). At least 19 states have regulatory control based on similar legislation and this bill is very similar to Acts adopted by 45 states. Charles Robbins was nominated by the Chapter as its representative to the Advisory Committee on Radiation of the District of Columbia, Department of Health.

Jay Brown received the U.S. Public Health Service Commendation Award "in recognition for sustained high quality performance and initiative in the management of a difficult surveillance program in radiation physics for the protection of patients and staff..."
members". As the Radiation Safety Officer of the National Institutes of Health, Jay administered a safety program for over 2000 members of the NIH scientific staff who use radioactive materials. The gold medal and certificate were presented to Jay in ceremonies at the Clinical Center on February 4th. Jay is a certified health physicist.

An ad hoc committee, chaired by Cecil Buchanan was formed in February to prepare a formal bid to the Health Physics Society for sponsoring the 3rd IRPA Congress, November 4-8, 1973. We were notified in August that our bid had been accepted. The Chapter, through its Executive Committee nominated Claire Parniter as a candidate for Vice-President of the 1973 IRPA Congress if held in Washington, DC. Claire is an active member of the IRPA Rules Committee and President-Elect of the Health Physics Society. Claire Parniter was elected President-Elect of the National Society and John Villforth was appointed as a board member.

In July, President Jay Brown submitted the following names for consideration for office in the Health Physics Society.

Board of Directors: Cecil R. Buchanan
Marshall S. Little
Abraham Schwebel

Secretary: Laurence Brauch
Sydney Porter, Jr.

Alan K. Roecklein replaced CAPT Royce K. Skow on the Nominating and Elections Committee. CAPT Skow retired from the Navy and moved to California. CAPT Skow gave invaluable service to this Chapter for a number and years and carries with him the Chapter's gratitude.

Michael Terpilak replaced Sid Porter as Chairman of the Professional Standards and Professional Educational Committee. Syd recently moved to the Philadelphia area. Both Syd and Mike received the Chapter's Special Citation Award for Outstanding Contribution in creating, developing, planning and conducting the Chapter's Preparation Course for American Board of Health Physics Certification.

The Chapter, along with others in the eastern time zone, was asked to submit an invitation to the National Society to host the 1975 annual meeting. In October the Chapter declined because we expected to host the 1973 IRPA Congress.

John Villforth was appointed Director, Bureau of Radiological Health.
In October, the Chapter conducted a Radiation Protection Technician Profile Survey by sending a questionnaire to Chapter members asking for information on salaries, education, etc. of radiation protection technicians.

In March the Executive Committee nominated Frank H. Attix for Vice-President of the 1973 IRPA Congress. In his response letter Frank expressed pleasure at being nominated but felt he could better serve on the program committee "where he might influence the scientific content of the meeting".

In March Mike Terpilak was appointed as Vice-Chairman of the American Board of Health Physics.

The Speakers bureau presented four talks to the following groups:

Lions Club of Wheaton - Biological Effects of Radiation
Citizens Group of Rockville - Applications of Nuclear Energy in Medicine and Industry
Rock Creek Valley School - The ATOM
Rocking Horse Elementary School - The ATOM

The NBS reactor that achieved criticality in 1967 began operating at 10 MW and TLD's were first used for environmental monitoring.

Our President, presented a Certificate of Special Service to Royce K. Skow for his outstanding contribution to the Chapter.

MEETINGS

Thursday, February 9th,
Project "Gasbuggy"
Mr. Richard Hamburger
Assistant Director for Technical Operations
Atomic Energy Commission
Location: Wilson Hall
National Institutes of Health
(45 members and guests attended)

On December 10, 1967 Project Gasbuggy was conducted as the first Plowshare Joint Industry - Government experiment to use a nuclear explosion in an industrial
application: the stimulation of a low-producing gas field in the San Juan Basin of New Mexico.

Thursday, April 17th,
"Operational Health Physics Program at Cape Kennedy"
CDR Ronald Shearin
Public Health Service
USAF Eastern Test Range Liaison Office
Cape Kennedy, Florida
Location: W. R. Grace Company
Clarksville, Maryland
(29 members and guests attended)

Wednesday, May 21st,
"An Evening with Admiral Lewis L. Strauss"
Admiral Lewis L. Strauss
Former Chairman, Atomic Energy Commission
Location: Potomac Room
Washingtonian Country Club
Gaithersburg, Maryland
(This was a Joint meeting with the Washington Section of the American Nuclear Society and 50 members and guests attended)

Wednesday, September 10th,
"Nuclear Medicine, Past, Present and Future"
Thomas G. Mitchell
National Naval Medical Center

"Comparison of Calculations of Dose by Absorbed Fraction and Conventional Methods"
Kenneth Williams
Washington Hospital Center
"Current Radioisotope Usage in Nuclear Medicine" (Stanford Survey)

"New Developments in Nuclear Medicine from the Health Physicist's Standpoint"
Dr. Henry Wellman
Cincinnati General Hospital

Joint meeting with the Mid-Atlantic Chapter, American Association of Physicists in Medicine
Location: Peter Pan Inn
Urbana, Maryland

Thursday, October 30th,
"Life and Half Life (The Kinsey-Roentgen Ratio)"
Saul Harris
President-Elect, New York Chapter, Health Physics Society
Location: Charcoal Hearth
Bethesda, Maryland
(62 members and guests attended)

Thursday, December 11th,
Annual Business Meeting
Claire Palminter
President-Elect, National Health Physics Society
Dr. Palminter spoke on the operations of the Health Physics Society
Location: Officer's Club
National Naval Medical Center
Bethesda, MD

1970

The Membership Handbook listed 189 members, including 35 certified health physicists and 24 original charter members.

The second vote on the issue of dissolution of the Conference on Radiological Health carried in favor of dissolution 139 to 22.

Harold Gaut was appointed to a three year membership on the Annual Meeting Place Committee of the National Society.

John C. Willforth, Director of the Bureau of Radiological Health, on July 1st received the Health Physics Society's Annual Elda E. Anderson Memorial Award for outstanding achievements in health physics. The presentation was made by Dr. Wright Langham, Immediate Past President of the National Society. The award was presented at the 15th annual banquet in Chicago, Illinois. The award certificate commends John for "technical and administrative abilities which have resulted in his making outstanding contributions to the U.S. Air Force, the Public Health Service and the profession of Health Physics". This was the second Elda E. Anderson award to be made in the last two years to a member of our Chapter.

In 1970, the Bureau of Radiological Health began full life-testing microwave ovens.

In June 1970 the revised "Radiological Health Handbook" was published.

The 16th Annual Bioassay and Analytical Chemistry Conference,
co-sponsored by the Chapter and the Atomic Energy Commission was held in Washington, October 8th and 9th. The conference was held January 13th through May 26th at the Governor's House Motor Motel in Bethesda, Maryland next to the NIH Campus.

The Chapter again sponsored the Preparation Course for American Board of Health Physics Certification. The dates were January 13th through May 16th. The course was conducted at the USPHS Training Institute, 1901 Chapman Avenue, Rockville, Maryland. The course moderator was James Malaro.

In September the Baltimore-Washington Chapter of the Health Physics Society, the Washington Section of the American Nuclear Society, the Mid-Atlantic Chapter of the American Association of Physicists in Medicine, and the Montgomery County Public School Department of Adult Education joined together to sponsor The Environmental and Ecological Forum. The purpose of the Forum was to present, as a public service, a balanced program of different points of view on the issues surrounding the production of power and its effects on the environment. Ten separate presentations were planned, each of about an hour in length followed by a 30 minute question and answer period.

MEETINGS

Wednesday, January 21st,
"Return of the Natives to Bikini Atoll"
Tommy F. McCraw
Division of Operational Safety
U.S. Atomic Energy Commission
Location: Governors House Restaurant
Bethesda, Maryland

Friday, March 20th,
"Nuclear Ecology"
Dr. Edward Teller
Location: Montgomery College Fine Arts Building
Rockville, Maryland

The Chapter co-sponsored the meeting in conjunction with the Washington Section of the American Nuclear Society, the Bureau of Radiological Health and Montgomery College.

Thursday, May 14th,
"Environmental Confrontation - Real or Imagined?"
Dr. Morton I. Goldman
Vice President and General Manager of the Environmental Safeguards Division
NUS Corporation
Location: Evans Farm Inn
McLean, Virginia

Thursday, September 10th,
"Structural Shielding Standards for X-ray
and Gamma-Ray Installations"
Carl Braestrup
Consultant, Radiological Physicist
Lenox Hill Hospital, New York
and
Dr. Dale Trout
Chief, X-ray Science and Engineering Laboratory
Oregon State University

Location: W.R. Grace Company
Clarksville, Maryland

Thursday, October 15th,
"Basic Principles of Nuclear Reactors"
Dr. Dade Moeller
Associate Director of the Kresge Center
for Environmental Health
School of Public Health
Harvard University

Location: Peter Pan Inn
Urbana, Maryland

Thursday, December 10th,
"Nuclear Power Plants and the Public"
Dr. Abel Wolman
Professor Emeritus of Sanitary Engineering
John Hopkins University

Location: Officer's Club
National Naval Medical Center
Bethesda, Maryland

1971

There were 206 names in the 1971 Membership Handbook,
including 49 certified health physicists and 38 of the original
Charter members.

We were notified by the March 1st Health Physics Society
Newsletter that Dr. Granvil C. Kyker of Oak Ridge Associated
Universities announced that the AEC Health Physics Fellowship
Program will be terminated this summer. Dade Moeller, HPS
President-Elect urged Chapter members to write their Congressional
representatives and AEC Commissioners expressing concern about this
unfortunate loss of health physics resources.
The Preparation Course for the ABHP examination was conducted again. The Chapter announced the availability of a publication entitled "Preparation Course for the American Board of Health Physics Certification Examination". Course Director was James Malaro.

We were informed that the Civil Engineer Corps of the U.S. Navy awarded the Morel Medal for 1970 to Glenn Zimmer of our Chapter for the most outstanding contribution to military engineering. Glenn received the award for his initiative, technical competence and outstanding management direction in obtaining from the AEC a By-product Material License of Broad Scope for the use of Radioisotope Power Generators by the Navy.

An all-day symposium on "Recent Developments in Practical Dosimetry" was held at the National Bureau of Standards on October 30th. The symposium was co-sponsored by the Baltimore-Washington Chapter of the HPS and the Mid-Atlantic Chapter of the American Association of Physicists in Medicine. Some 22 papers were presented followed by a tour of the NBS Calcination, Reactor and Accelerator Facilities. About 110 people attended.

1972

The membership Handbook listed 129 Members, including 49 Certified Health Physicists and 37 of the original 128 Charter members.

The ABHP Examination Preparation Course was conducted January - May 23rd at the Training Institute, USPHS. Course Directors were James Malaro and Lester Slaback.

MEETINGS

Wednesday, October 18th,
"Low as Practicable Discharge Limits
for Nuclear Power Facilities"
Anthony Z. Roisman
Law Firm of Berlin, Roisman & Kessler
Location: Michel's Restaurant
Bethesda, Maryland

1973

The membership handbook listed 218 members including 47 certified health physicists and 30 of the original Charter members.

The ABHP Examination Preparation Course was conducted January 9th - May 22. There were 18 students. The course was conducted at
the Training Institute, USPHS. James C. Malaro was the course director.

MEETINGS

Thursday, February 22nd,
"New Trends in the Health Physics Society
and its Relations with Local Chapters"
Dr. Neil Wald
President-Elect, Health Physics Society
Location: Officer's Club
National Naval Medical Center
Bethesda, Maryland
(79 members and guests attended)

Thursday, May 3rd,
"The EPA Radiation Strategy and Programs"
Dr. William D. Rowe
Deputy Assistant Administrator
Office of Radiation Programs
Environmental Protection Agency
Location: Michel's Restaurant
Bethesda, Maryland
(67 members and guests attended)

Thursday, August 23rd,
Briefing on the Upcoming IRPA Congress
scheduled for September 9-14, 1973 at the
Washington Hilton Hotel
Speakers were: Claire C. Palmiter,
Congress President
James Malaro, Congress Manager
Mrs. Florence Ward, International
Visitors Service Council
Location: Kings Court Restaurant
Rockville, Maryland

1974

The Membership Handbook listed 167 members including 43
certified health physicists and 27 Charter Members.

We sponsored a symposium on Radiological Emergency
Preparedness at the Sheraton Inn in Gettysburg, Pennsylvania on
September 7th, with the social hour the evening before. The
impetus for the symposium was the intense activity of the time on
emergency preparedness. The FDAA was preparing to fund State
planning programs. The EPA was developing new dose criteria and guidance. The BRH was recommending new criteria for food contamination and emergency medical service. The AEC was developing new guides for states and for licensees. Interagency task forces were attacking specific aspects of the problem such as instrumentation and training. Symposium Chairman was Charles Willis and assisting him was Steve McGuire. There were eleven speakers.

We attempted to have a Winter topical symposium on Saturday, February 23rd on "Operational Procedures Associated with the Use of Unsealed Sources". The symposium was cancelled due to a lack of interest reflected in particular in the lack of submitted papers.

The ABHP Preparation Course was conducted January - May. Course Directors were Lester Slaback and Lee Booth.

We were informed by Bill Reinig, Chairman-elect, American Board of Health Physics, that Alfred J. Ahlquist was awarded certification.

A committee chaired by Jay Brown proposed changes to our By-laws to be voted on in September. Principal changes were related to maintaining the most recent past president on the Executive Committee, providing for Chapter council membership and eliminating sexual discrimination in the text of the by-laws.

MEETINGS

Tuesday, February 26th,

SHROVE TUESDAY SPECIAL

The Chapter had its first pre-lenten combination annual meeting and opposite sex night. Any person of the opposite sex, accompanied by a bonafide dues-paying member of the Baltimore-Washington Chapter, who was willing to pay $6.00 for a delicious steak or shrimp dinner, received the same dinner for $1.00 (that's right - one measly dollar). Because of this special offer, we will dispensed with our customary policy of giving trading stamps with each purchase. This special once-in-a-lifetime offer was made possible through the generosity of Walt Gundaker (our spendthrift Secretary-Treasurer).

Our speaker for the evening was none other than that well-known health physicist, attorney and bon vivant, James C. Hart (Jim was also President-Elect of the Health Physics Society). His talk, entitled "Las Vegas Revisited: A Candid Look at the Scientist Juror" will deal with the pitfalls which await the health physicist called to testify in a lawsuit involving alleged overexposure (to
ionizing radiation).

Location: Peter Pan Inn
Urbana, Maryland

Thursday, May 30th,
"Application of Biological Measurements
in The Low Dose Range"
Dr. Neil Wald
President, Health Physics Society
Location: Bish Thompson's
Bethesda, Maryland

Wednesday, June 20th,
Joint Meeting with the Mid-Atlantic Chapter
of the American Association of Physicists In
Medicine
"The National Measurement System for Radiation
Therapy and Radiation Protection"
Dr. Randall S. Caswell
Deputy Director, Center for Radiation Research
National Bureau of Standards
Location: National Bureau of Standards
Gaithersbury, Maryland

Friday, September 6th
Symposium "Radiological Emergency Preparedness"
Location: Sheraton Inn
Gettysburg, PA

Tuesday, October 29th,
"Monitoring By Delta Airlines Personnel"
Robert L. Zimmerman
Phoenix Technology Corporation
Decater, Georgia

Bob was a Consultant to Delta Airlines and discussed some
of the considerations that went into Delta's decision to equip
their cargo handling departments with radiation survey meters. He
also reviewed some of the information on the incident that occurred
in April 1974 when over 100 passengers and some cargo handlers
received exposures from the shipment of a partially shielded 32
curie Iridium-192 radiography source.

Location: Michel's Restaurant
Bethesda, Maryland

Tuesday, December 10th,
Ladies Night
"Effects of Flying on Stewardesses"
Mrs. Del R. Mott
Director of Safety
Air Lines Pilots Association, International
Steward and Stewardess' Division
Washington, DC
Location: Officer's Club
National Naval Medical Center
Bethesda, MD

Mrs Mott was unable to attend. In a letter to Robert Barker, Program Chairman, Mrs Mott asked that Mrs Laurie Eckols, Chairman of the Association of Flight Attendants Environmental Studies Committee be substituted as the speaker.

1975

Of the 195 Chapter members, 22 were charter members, 59 were Certified Health Physicists and 144 were members of the Health Physics Society.

The 1969 edition of Wang's Handbook of Radionuclides was available at discount rates of about $7.00. The Health Physics Society accepted the Chemical Rubber Company's offer to help clear inventories before updating.

The Symposium, "Occupational and Medical Dosimetry", planned for September 26-27, 1975, was canceled due to insufficient response to present papers.

Cecil R. Buchanan, Charter Member of the Baltimore-Washington Chapter, Chapter President in 1968, and active chapter member, died July 5, 1975. The Chapter contributed $250.00 to the Health Physics Society Memorial Fund in his memory. Cecil was a Charter Member and our President in 1968.

The U.S. Atomic Energy Commission (AEC) was abolished and replaced by the U.S. Nuclear Regulatory Commission (NRC) and the Energy Research and Development Administration (ERDA) on January 19, 1975.

The organizational meeting of the Virginia Chapter of the Health Physics Society was held on March 7th.

We were asked to provide nominees for the National Registry of Radiation Protection Technologists (NRRPT) Board and the Registry. Individuals nominated should be radiation protection technicians
not X-ray technologists. Don Marshall, Test Reactor Area, Aerojet Nuclear Company, Idaho Falls, Idaho was the contact person.

The Chapter was invited to comment on the proposed EPA policy statement issued March 3rd concerning "The Relationship Between Radiation Dose and Effects". Bob Barker was the contact person. Also, the Health Physics Society encouraged the local chapters to initiate a study to review and strengthen local workman's compensation programs to meet OSHA standards. Bob Barker was our contact person.

The certification preparation course was not held due to a lack of demand.

MEETINGS

Thursday, February 13th, Valentine's Day Party and Annual Business Meeting "Radiation Exposure of Females" Dr. Theodore Villafana of The George Washington University discussed the advantages and disadvantages of mammography

Dr. Don Ross (ERDA) discussed the now extinct AEC's radiation protection philosophy with regard to the fetus and pregnant women (see Federal Register Notice of January 3, 1975).
Location: Evans Farm Inn McLean, Virginia

Victoreen Instrument Company donated a calculator to be offered as a door prize at this meeting.

Who won it?

Thursday, April 10th, "What Can a Health Physicist Expect from the Commission?" Dr. Roger Mattson, Assistant Director Site and Health Standards Office of Standards Development, NRC Location: Officers Club National Naval Medical Center Bethesda, Maryland

Tuesday, June 10th, "Medical Uses of Ultrasound" Dr. Harold Stewart, Chief Acoustics Branch Bureau of Radiological Health Location: Michel's Restaurant
Bethesda, Maryland

Thursday, October 16th,
"Health Physicists, The Training and Education of"
Dr. Paul Ziemer, President
Health Physics Society
Location: Holiday Inn
Laurel, Maryland

Wednesday, December 3rd,
"Testing the Performance of Personnel Dosimetry"
Bernie Weiss
Office of Inspection and Enforcement, NRC
Location: Bish Thompson's
Bethesda, Maryland

1976

John Villforth of the Chapter was President-Elect of the National Health Physics Society.

The certification preparation course was held January 6 through May 18. Thirty seven students enrolled. Lee Booth was the course director.

A National Bureau of Standards held a Symposium, "Measurements for the Safe Use of Radiation" was scheduled for March.

Lists of past officers and notable Chapter events were generated for the 1977 Membership Handbook. No 1976 edition was published.

The first certification exam for the National Registration of Radiation Protection Technologists was scheduled for the Fall.

ERDA announced that the publication of the Nuclear Science Abstracts will be discontinued in the summer of 1976.

Mr. Charles P. Froom was appointed by Mr. Robert Barker, Chapter President, to be the chapter's representative to the State and Federal Legislative Committee of the National Society. Mr. Jack Selby, Chairman of this committee requested that the chapters identify individuals to serve on this committee in an attempt to get representation on the committee from each state.

At the Annual Health Physics Society meeting it was announced that the Health Physics Society membership stood at 3641.

A membership questionnaire resulted in the following: (1) 65 percent favored continuing dinner meetings over other options; (2)
preferred nights were Thursday (35 percent), Wednesday (26 percent), and Tuesday (23 percent); (3) preferred time was 6:30 p.m.; (4) bringing guests depends on the subject; (5) favored topics in descending order were legislation, local organization's health physics activities, public radiation misconceptions, biological indicators, intervenor activities, power reactor risks, research, near disasters, plutonium, waste disposal, and transportation; and (6) the majority of respondents would attend a Saturday symposium within a two-hour drive.

Art Levin spotted an interesting inconsistency in the by-laws relative to the Nominating Committee. President Lester Slaback offered dinner at the next chapter meeting to the first person to find it and calls Les.

The American Society of Nondestructive Testing Engineers invited us to a "bring your own food" picnic at Calvert Cliffs State Park on Friday, June 5th.

MEETINGS

Thursday, January 8th,
(officially, the 1975 annual meeting)
"The Role of the Health Physicist as a Citizen"
Saul Harris
National Association of Electric Companies
Location: Normandy Farms
Potomac, Maryland

Thursday, April 8th,
"Laser Safety Performance Standard"
Richard Peterson, Chief
Electro-Optics Branch
FDA Bureau of Radiological Health
Location: Officers Club
National Naval Medical Center
Bethesda, Maryland

Thursday, June 10th,
"An Overview of Reactor Safety"
Dr. Ian B. Wall (replaced Saul Levine)
Deputy Director
Office of Nuclear Regulatory Research, NRC
Location: Ramada Inn
Rockville, Maryland

Members were also invited to a picnic by the American Society of Nondestructive Testing Engineers at Calvert Cliffs State Park on Saturday, June 6th.

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Thursday, October 21st,
"Medical Radiation - An Overview"
John C. Villforth, President
Health Physics Society
Director of Bureau of Radiological Health
Location: Evans Farm Inn
McLean, Virginia

Thursday, December 2nd,
Annual Meeting and Social
Location: Garland Dinner Theater
(Dinner and Show - No Program)
Columbia, Maryland

The show was "Meanwhile Back on the Couch" by Jack Sharkey. It was about a psychiatrist who has a patient that dreams about a sex novel at the rate of one chapter a night.

1977

The 1977 Handbook listed 186 members. Of these, 4 were life members and 54 were Certified Health Physicists.

The ABHP Certification review course was not held in 1977 due to insufficient response.

The Chapter submitted a bid to host the 1983 Annual Health Physics Society Meeting. Les Slaback submitted the proposal.

LOCAL BOY MAKES GOOD. Claire Palmier of the Chapter was named President of IRPA at the Fourth IRPA Congress in April 1977. Claire was a charter member of our chapter and past president of the Health Physics Society. He recently retired from the Environmental Protection Agency.

The Chapter nominated members, Dr. Arthur A. Levin and Robert E. Alexander, for the HPS Board of Directors.

Dr. Lauriston S. Taylor retired this year from the National Council on Radiation Protection and Measurements (NCRP) and the NCRP established an annual lecture series to be known of as the Lauriston S. Taylor Lectures on Radiation Protection and Measurement in his honor.

Commercial sponsorship of meetings and industry requests for advertising in Chapter documents were considered by the Executive Council.
The NRC sponsored a four-hour Internal Dosimetry Course addressing the new ICRP recommendations. The instructor was Dr. Paul Morrow and the course was held in Bethesda, Maryland. Dr. Morrow is Professor of Radiation Biology, Biophysics, Pharmacology and Toxicology, University of Rochester and a member of ICRP Committee II (Internal Dosimetry).

There is a letter in the 1977 file from Walter Gundaker to The Honorable C. Lawrence Wiser, Senate of Maryland concerning a proposed bill with regard to burial of radioactive waste in Maryland. The current law forbids burial of radioactive waste in Maryland. The chapter's proposal would continue that restriction for commercial radioactive waste disposal firms but would allow NRC licensed users of radioactive material to bury small quantities under specific conditions.

A national speakers' bureau for the Health Physics Society was implemented. Bill Schadt, Chairman of our Public Relations Committee was tasked to do the work for our Chapter.

On June 19th, Walter S. Snyder died. Walter was the 12th President of the Health Physics Society and a principal contributor to the ICRP and NCRP reports on internal dosimetry. His publication, "The Reference Man", became a principal reference for decades.

MEETINGS

Wednesday, February 16th,
"Interring the Skeletons in Our Nuclear Closets -- Uranium Mill Tailings and Excess Sites"
Dr. John Auxier, President
Health Physics Society and Director of the Health Physics Division, ORNL
Location: Officers Club
National Naval Medical Center
Baltimore, Maryland

Wednesday, April 20th,
"Radiological Emergency Response Planning for Nuclear Incidents and Nuclear Attack"
Carl Siebert, Staff Director
Detection and Countermeasures Division
Defense Civil Preparedness Agency
Location: W.R. Grace Company
Clarksville, Maryland

Wednesday, September 7th,
"Can Health Physics Services Be Defective Under 10 CFR Part 21?"
William E. Campbell, Jr.
Office of Standards Development, NRC  
Location: Officers Club  
Walter Reed Army Medical Center  
Washington, DC

Friday, December 9th,  
Christmas Dinner Dance and Entertainment by the  
U.S. Army Blues Combo  
Location: Officer's Club  
Walter Reed Army Medical Center  
Washington, DC

1978

The Membership Handbook listed 216 members including 58 Certified Health Physicists and 24 Charter Members.

The Preparation Course for ABHP certification was conducted on Wednesday evenings from January 11th through May 17th. Lee Booth and John Taschner were course directors.

There was a joint chapter symposium "Health Physics - State of the Art" held on May 12th at Stouffer's Valley Forge Hotel, King of Prussia, PA. Chapter sponsors were Delaware Valley (host), Baltimore-Washington, Connecticut, Greater New York, New Jersey and Western Pennsylvania. About 20 firms were represented and exhibited their products. Dr. Harald Rossi from Columbia University presented a paper on "The Need for Larger Quality Factors". Jack Selby from Battelle-Northwest Laboratory spoke on "Quality Assurance for Health Physics Instrumentation". John Auxier spoke on "The Effects of Radiation on Humans: Extrapolation to Low Dose Levels" and John Willforth presented a paper on "Quality Assurance in Radiodiagnosis".

The newspapers reported on January 26th that a single-engine plane transporting a radioactive drug crashed just after midnight on January 22nd while taking off from Suburban Airport near Laurel, Maryland. On board were about 30 containers of radioactive Molybdenum-90. The pilot's name was Prijinder Somi of Adelphi, Maryland. The incident marked the first "industrial" radiation accident in the area according to the newspaper account of the incident. Rescue personnel worked for three hours to free a trapped passenger. Copies of the newspaper articles are in the 1978 History File.

Arthur A Levin died on Friday, February 10th, 1978 in a plane crash in Richland Washington. Art was coordinator for environmental programs for the Battelle Memorial Institute's Washington DC operations. He was a member of our chapter and the National Health Physics Society, and was certified in 1964. Our
chapter contributed $150.00 to the Health Physics Society Memorial Education Assistance Fund in his memory.

MEETINGS

Thursday, February 2nd
"Standards - The Standard Bear Trap"
Henry J. L. Rechen
Associate Director
Division of Electronic Products
Bureau of Radiological Health
Location: Officer's Club
National Naval Medical Center
Bethesda, Maryland

Thursday, April 6th
"Judgment in the Development and Use of Radiation Standards"
Dr. Lauriston Taylor
Location: Ramada Inn
Rockville, Maryland
(79 members and guests attended)

Saturday, May 12th,
Joint Chapter Symposium
"Health Physics - State-of-the-Art"
Host Chapter: Delaware Valley
Co-Sponsors: Baltimore-Washington
Connecticut
Greater New York
New Jersey
Western Pennsylvania

Speakers: Jack Selby, Battelle-Northwest Laboratory
John Auxier, Oak Ridge National Laboratories
John Villforth, Bureau of Radiological Health
Dr. Neil Wald, University of Pittsburgh

Location: Stouffer Valley Forge Hotel
King of Prussia, Pennsylvania

Topics included the current state of health physics technology in areas of dose assessment by biological methods, radionuclides in the environment, medical radiological procedures, regulatory programs and advances in instrumentation.
Thursday, September 21st
"Update on Microwaves"
Col Robert Wangeman
Director, Radiation & Environmental Sciences
U. S. Army Environmental Hygiene Agency
Aberdeen Proving Ground, Maryland
Location: Bish Thompson's Restaurant
Bethesda, Maryland
(63 people attended)

Thursday, November 9th,
"What's New in Nuclear Medicine?"
Dr. Henry Wagner
Johns Hopkins University
Location: Meushaw's Restaurant
Baltimore, MD
(59 people attended)

Friday, December 8th,
Holiday Social - Dinner Dance
Music by the Mardi Gras Variety Band
Topic: "Love, War, Peace and Nonsense"
Location: F.F. Waters Ballroom
Rockville, Maryland

1979

The Membership Handbook listed 179 members including 40 Certified Health Physicists and 19 Charter Members.

The Preparation Course for ABHP Certification was conducted January 9th through May 19th. Lee Booth and John Taschner were course directors. The course was taught at Bechtel Power Co., Gaithersburg, MD. The cost was $75.00 per student.

Bill Schadt proposed that the chapter sponsor or conduct a basic radiological health course since many of the attendees to the ABHP preparation course are taking the course to get a basic introduction into health physics. He also suggested that a Trust fund be established for the purpose of supporting student related activities. Bill was the chairman of the chapter's Education and training Committee.

There was a proposed change to the Chapter's By-laws that would permit the Executive Committee and/or the officers of the Chapter to take a public position or publish an opinion on health physics issues of interest in the name of the Chapter. The
proposal was drafted by Les Slaback and discussed at the October 11th Chapter meeting. The file did not contain information as to the passage of this proposed change. Our current by-laws do not reflect that it did.


On November 2, 1979, Lawrence A. Brauch died in Georgetown University Hospital in Washington, DC from leukemia. He was survived by his wife, Marge, five sons and a daughter. Larry was active in both the national and local organizations of the Health Physics Society. He was Treasurer for the annual HPS meeting in Washington, DC in 1967 and for the IRPA III meeting in Washington in 1973. He was a member of the of the HPS Committee on Civil Service Status of Health Physicists (1968) that established qualification and classification standards for health physicists. He had been a member of the Baltimore-Washington Chapter since 1961 and served on that Chapter in the following capacities:

Secretary-Treasurer - 1966
Finance Committee - 1968
Membership Chairman - 1971
Nominations and Elections - 1972-74
Program, Social, and Publicity - 1975

The following individuals were nominated to be officers of the Health Physics Society:

President: Robert E. Alexander, William A Mills, Donald M. Ross and Saul Harris

Treasurer: Harold W. Gaut and Lester A. Slaback, Jr.

Board of Directors: Lawrence A. Brauch, James C. Malaro and Michael S. Terpilak

MEETINGS

Wednesday, January 31st,
Annual Chapter Business Meeting
"Health Physics Experiences in Nuclear Weapons Tests"
Dr. Melvin Carter
Georgia Institute of Technology
Location: Jolly Ox Restaurant
Rockville, Maryland
(86 members and guests attended)

Thursday, March 15th,
"Alternatives for Handling High Level Nuclear Waste"
Carl Unrah
President, Health Physics Society
Location: Ramada Inn
Bethesda, Maryland

Wednesday-Thursday, April 11-12th,
Conference on Neutron Radiation from Medical Accelerators
Location: National Bureau of Standards
Gaithersburg, Maryland

Thursday, May 3rd
"Interagency Task Force on Ionizing Radiation"
(Libassi Report)
Linda F. Donaldson
Attorney-Advisor with the office of Legal Council
Department of Health, Education and Welfare
Location: Ramada Inn
Alexandria, Virginia
(58 members and guests attended)

Thursday, June 21st,
"The New BEIR Report"
Dr. Albert W. Hilberg
National Research Council
National Academy of Sciences
Location: W.R. Grace Company
Clarksville, Maryland

Thursday, October 11th
"Radiation and the Media"
Ms. Joanne Omung
Washington Post
Location: Walter Reed Army Medical Center
Washington, DC
(Ms. Omung did not show up so Tom Hobbs filled in)

1980

No Membership Handbook was published. An edited version of the 1979 handbook used to produce a draft of the 1980 handbook showed the following: 207 members including 20 charter members, 60 certified health physicists and 162 members of the national society.
National Citizen's Hearings for Radiation Victims was held in Washington DC April 11-14th. The purpose of the hearings was to provide focus on radiation hazards to humans from nuclear and related industries. The agenda included the following:

Testimony by Radiation Victims before a Citizen's Commission on Radiation Policies, Workshops on Legal Redress for Victims, Lobbying the Congress and Federal Agencies and Public Demonstrations.

The chapter nominated Saul Harris for President-Elect of the Health Physics Society.

We were notified in February that Jack F. Patterson obtained certification by the American Board of Health Physics.

MEETINGS

Thursday, January 31st, "The Truth About Three Mile Island"
Sydney W. Porter, Jr.
Porter-Gertz Consultants
Ardmore, Pennsylvania
Location: Officer's Club
National Naval Medical Center
Bethesda, Maryland

Thursday, April 10th, "What Labor Expects from the Health Physicist"
James Joy, Jr.
Vice President
Utility Workers' Union of America
Location: Michel's Restaurant
Bethesda, Maryland

Thursday, September 18th, "Optimization as Part of the ICRP System of Dose Limitation"
Charles Meinhold
President-Elect, Health Physics Society
Location: Edelweiss Restaurant
Gaithersburg, Maryland

Thursday, November 20th, "Questions Regarding the Supporting Data for ICRP-26"
Robert Alvarez
Environmental Policy Center
Location: W.R. Grace  
Clarksville, Maryland  

1981

The Membership Handbook listed 267 members including 69 Certified Health Physicists and 18 Charter Members.

In August, President Reagan signed into law P.L. 97-35 which includes the "Consumer-Patient Radiation Health and Safety Act". This act required the federal government to establish minimum standards for state health agencies to use as a guide in establishing certification and accreditation programs for nonpractitioner medical radiologic technologists, dental auxiliaries, radiation therapy technologists and nuclear medicine technologists. The Food and Drug Administration was charged with developing the guidelines with the assistance of professional organizations and the states. The guidelines were to be developed by August 1982.

A safety film prepared by Larry Petcovic of the Training Resources Division, Nuclear Support Services received two awards. The film "What Is It?", part 1 of a series called "Story of Radiation", received the Certification of Creative Excellence in the category of Safety which was awarded at the U. S. Industrial Film Festival in April 1981. The Gold Plaque Award (first place in the category of Public Information was awarded by INTERCOM 1981 at the Chicago Film Festival in September 1981.

In February, Chapter President Bob Alexander wrote to William A. Mills and John C. Villforth a memo concerning a Code of Ethics for Members of the Health Physics Society. Bob's concern was with the sixth principle listed in the code "No employment or consultation shall be undertaken which is contrary to law or the public interest". His concern was that an action to obtain additional protection for certain individuals may be contrary to the overall public interest.

The ABHP Certification Course was conducted again. Jack Patterson was course director.

We also conducted the first two-day "Introduction to Radiological Health" course, December 2 - 3 at the National Bureau of Standards. Course Director was John Arras.

The Chapter, through its Public Relations and Executive Committees developed extensive comments on the EPA's proposed Federal Radiation Protection Guidance for Occupational Exposures. Warren Schadt read these comments into testimony at the EPA/NRC/OSHA hearings on the Wednesday following April 16th or 27th.
Joint meeting with local chapter of AIHA at National Naval Medical Center Officer's Club Feb 5 1981???

On May 30th, a Spring Symposium was held at the National Institutes of Health. The topic was "Informing the Public About Radiation and Nuclear Power". Saul Harris from the Edison Electric Institute was the Chairman of the morning session and Ana O'Brien, Vice President of Mackenzie McCheyne, Inc. chaired the afternoon session.

Joop Thiessen was appointed as Chairman of the newly formed Rules Committee. The Committee was tasked to amend the Chapter By-laws, providing for separate offices for the Secretary and Treasurer and review the By-laws for other necessary changes. In addition to splitting the Office of the Secretary-Treasurer there were some changes made to the objectives portion of the By-laws. There was also a proposed by-laws change from Gail Schmidt on the issue: "Should the Chapter provide information, issue position statements or designate a representative to hearings and public forums on matters of public interest, concern or controversy".

The public information program for 1981-82 centered around three main sub-programs: A speaker's bureau, a publicity plan and a radiation "hotline".

SPEAKER'S BUREAU - Frank Roddy, Subcommittee Chairman

Objective - To present a slide show, followed by a discussion period, to school children and members of civic clubs using the public information package supplied to the Chapter by the National Health Physics Society.

Procedures - Offer services of the speakers to the schools and civic groups by direct mail.

PUBLICITY PLAN - Gail Schmidt, Subcommittee Chairman

Objective - To place public service announcements in local newspapers, on radio and television.

Procedures - Respond to "letters to the Editor" in local-newspapers and magazines.

Provide representatives of the local news media with a list of names of experts in the Baltimore-Washington Chapter and their phone numbers to call
upon if information on radiation safety is required. This list will be compiled by direct survey of the membership of the Chapter. No member's name will be included unless he freely offers his area of expertise as a community resource.

RADIATION HOTLINE - R. Neel, Subcommittee Chairman

Objective - On a trial basis (3 months) to advertise a public information system available to the public by dialing a public phone number. Information supplied to callers with questions will cover all safety aspects of ionizing and non-ionizing radiation.

Procedures - Survey the membership and find volunteers who will offer their services during a trial period of the hotline concept.

Advertise the hotline using public service announcements and posters to be supplied to each chapter member for distribution.

Calls from the public would be received by a commercial answering service and relayed to the appropriate chapter member within the local calling area of metropolitan Washington.

Our President, Bob Alexander, nominated Claire Palmeter, William Mills and James Jones (non B-W Chapter member) to serve on the Maryland Radiation Control Advisory Board.

In November (11/17/81???) we voted to separate the Office of the Secretary-Treasurer into two offices: Secretary and Treasurer.

On Thursday November 5th Sigma Xi, The Scientific Research Society, DOE/NRC/NBS Club sponsored a luncheon seminar. The topic "Energy Independence is Possible" was presented by Professor Hans A. Bethe, Nobel Laureate, Cornell University, New York.

Lester Slaback announced at the August 20th Executive Committee Meeting that a hearing would be held September 17th on a bill to impose county control over the movement of radioactive waste in Montgomery County. Bob Alexander indicated he would ask Gail Schmidt to prepare written testimony.

MEETINGS

Thursday, January 21st
"A Radiological/General Safety Dilemma"
Lawrence J. Smialek
Senior Plant Health Physicist
Baltimore Gas and Electric Company
Calvert Cliffs Nuclear Plant
Location: Officer's Club
          Ft. Mead, Maryland

Mr. Ronald J. Goebel, Marketing Services Manager of Nuclear Data Inc. donated $100 to help defray the costs of the meeting.

Thursday, February 5th,
"Perception and Reality in Radiation Protection"
William C. Reinig
President, Health Physics Society
Location: Officer's Club
          National Naval Medical Center
          Bethesda, Maryland

Thursday, April 23rd,
"Management and Evaluation of Major Accidents Including Plutonium and Americium Intake"
Kenneth R. Heid
Associate Director
U.S. Transuranium Registry
Battelle Northwest
Richland, Washington
Location: Ramada Inn
          Bethesda, MD

Prior to the meeting, there was a talk by Dr. J.E. Rodgers, Chief Physician, Radiation Oncology Department, Georgetown University Medical Center. His topic was "Radiotherapy in 1981 for the Health Physicist". The session was arranged by the Professional Standards and Education Committee to acquaint Chapter members with radiation therapy issues. The session earned 1 continuing education credit for the certified health physicists who attended.

Tuesday, September 15th,
"An Industrialist's View of Safety Regulations"
Walter P. Peeples, Jr.
President, Gulf Nuclear, Inc.
Houston, Texas
Location: Bish Thompson's Restaurant
          Bethesda, Maryland

Thursday, October 22nd,
"Management and Evaluation of External and Internal Radiation Exposure at a Large Nuclear
Energy Plant
Roscoe M. Hall
Savannah River Plant
Savannah, Georgia
Location: W.R. Grace
Clarksville, Maryland

A preview of the Gold Award Winner, at the Chicago International Film Festival in September 1981, entitled "The Story of Radiation, Part I" was shown and the Health Physics Society's new Public Information Kit was displayed.

Tuesday, November 17th,
"Review of Radiopharmaceutical Dosimetry"
and
"Review of Health Physics Society activities"
Roger Cloutier
Oak Ridge Associated Universities
President-Elect, Health Physics Society
Location: Rosetto Ristorante
Bethesda, Maryland

This meeting was preceded by a continuing education credit lecture on "Positron Emission Tomography". The speaker was Dr. Victor Sank, National Institutes of Neurological Communicative Disorders and Stroke. The lecture was held at the Nuclear Regulatory Commission's Phillips Building in Bethesda, Maryland.

1982

The Membership Handbook listed 178 members including 70 Certified Health Physicists and 19 Charter Members.

Dues were increased from $5.00 to $10.00 per year because of increased printing and postage costs.

The By-laws were changed separating the Office of the Secretary-Treasurer into two offices.

The ABHP Course was conducted again. Jack Patterson and Steve McGuire were course directors.

The two-day Basic Radiological Health Course was conducted. This has turned out to be a popular course. The 1981 course was oversubscribed and netted $1000 profit. The course was held at NBS. John Arras was the course director.

The Chapter was a limited participant in a joint meeting with the Delaware Valley and Western Pennsylvania Chapters held May 7-
8th in Harrisburg, Pennsylvania. The topic was "Internal Dosimetry".

In March 1982, Chapter Presidents received a letter from Bob Alexander, Chief, Occupational Radiation Protection Branch of the NRC. The letter invited chapter participation in the development of several new regulations and regulatory guides. They were: Performance Testing for Bioassay Laboratories, Performance Testing for Health Physics Survey Instruments, Beta Dose Measurements, Health Physics Programs for Well Logging, Survey Instrument Calibration, Personal Air Samplers, Teletherapy Room Monitor, Revision of NUREG-0041 "Manual of Respiratory Protection Against Airborne Radioactive Materials", RSO Qualifications for Large Scale Programs, Certification of Industrial Radiographers and Neutron Dosimetry.

The Chapter was also a limited participant in a joint meeting with the New England Chapter held on Friday, April 23rd at the University of Massachusetts in Amherst, Massachusetts to discuss State and Regional Planning for Disposal of Radioactive Waste. The morning session was on proposed changes to 10 CFR 20 and the afternoon was devoted to State and Regional Planning for Disposal of Radioactive Waste.

There is a note in the minutes of the Chapter's Executive Committee meeting of March 17th that our President, Allen Brodsky, made an appearance on Washington's WJLA, Channel 7 TV in a public information spot.

At the Professional Standards and Education Committee Meeting on April 24th, the members voted to recommend to the Executive Committee that the committee's name be changed to Education and Training Committee since its primary function is education and training. It was also recommended that the committee be added to the list of Standing Committees.

At the Executive Committee meeting on May 13th, Chapter President Allen Brodsky announced the death of Hugh de Spain on May 7th.

In May, Dr. J. W. Thiessen and Robert E. Alexander were nominated for the Board of Directors of the National Health Physics Society.

At the June 27, 1982 Health Physics Society Board Meeting, the Board approved the formation of a Power Reactor Health Physics Section.

We started the fall session on October 7th with an excellent attendance at the joint meeting with AAPM and heard two outstanding contributors to our information on radiation risks give interesting
talks on calculation of the probabilities of causation for use in litigation cases. An interesting and enjoyable meeting on November 17th was held at W. R. Grace and focused on a novel approach to assessing ocean disposal of radioactive waste presented by Charles L. Osterberg.

We were informed that James A. Jones died on December 20, 1982 at the age of 38. Jim was a health physicist at the Nuclear Regulatory Commission where he served since 1975. He was Chairman of our Rules Committee. He was a lovable guy of tall stature in every way and a conscientious health physicist.

Several legal decisions, announced in early 1982, brought the regulation of nuclear power to a virtual standstill. In the case of People Against Nuclear Energy (PANE), the dissenting Circuit Court Judge noted that the decision resulted in a court-imposed paralysis of nuclear power at Three Mile Island. In the case of PANE vs. the NRC, the petitioner convinced the U.S. Court of Appeals for the District of Columbia that perceived "psychological stress" and "psychological health" should figure in Environmental Impact studies made under the National Environmental Policy Act (NEPA) on the same footing as scientifically measurable facts. As Circuit Judge Malcolm R. Wilkey observed in his dissent: "The extension of NEPA to encompass psychological stress is unwarranted, unprecedented and inconsistent with the relevant decisions in this and other circuits. This novel hurdle, well designed to delay the development of nuclear power (contrary to the national policy determined by Congress and the Executive), is thoroughly consistent with this court's track record of using NEPA to delay the development of important energy sources. The most recent example is National Resources Defense Council, Inc. vs NRC which invalidated a key NRC rule used in nuclear licensing. The combined effect of that decision and the one today is, as I stated in dissent, "that this court has effectively taken over the control of the nuclear industry."

The October meeting announcement was in a new format printed by Howard Hering.

MEETINGS

Thursday, February 25th,
Joint Baltimore-Washington Chapter and AIHA Potomac Section Meeting
"A Radiological/General Safety Dilemma"
The discussion focused on the problems faced by the health physicist who must be specific about the radiological precautions to be taken upon entry into the atmosphere of a nuclear power plant following shutdown, while attempting to keep radiation doses ALARA.
Lawrence J. Smialek  
Senior Plant Health Physicist  
Baltimore Gas and Electric Company  
Calvert Cliffs Nuclear Plant  
Location: Officer’s Club  
Pt. Meade, Maryland  
(This meeting was originally scheduled for January 21st but was snowed out)

Friday, March 26th,  
Annual Meeting  
"Radiation in Perspective"  
Ms. Goldie Watkins  
Deputy Director for Public Health  
New York State Department of Health  
Location: Officer’s Club  
National Naval Medical Center  
Bethesda, Maryland  
(The movie "Radiation in Perspective", starring Goldie Watkins was shown). (107 people attended)

Tuesday, May 25th,  
"Nuclear War Issues and the Health Physicists"  
Dr. Charles W. Mays  
Radiobiology Laboratory  
University of Utah  
Location: Cafeteria  
Uniformed Services University of the Health Sciences  
Bethesda, Maryland

Thursday, October 7th,  
"Probability of Causation: A Scientific Basis for Radiation Injury Compensation?"  
Dr. Victor P. Bond  
Associate Director  
Brookhaven National Laboratory  
and  
Seymour Jablon  
National Academy of Sciences  
National Research Council  
Location: Atrium Ballroom  
Sheraton Potomac Inn  
Rockville, Maryland  
Vendors' night and joint meeting with The Mid-Atlantic Chapter, American Association of Physicists in Medicine  

November 17th,  
"Radioactive Waste Disposal - Why not in the Ocean?"
Dr. Charles L. Osterberg  
Office of Health and Environment Research  
Department of Energy  
Location: W. R. Grace Company  
Clarksville, MD

1983

The membership handbook listed 309 members including 71 certified health physicists and 19 charter members. This membership increase was due in large part to the extensive efforts of Warren Keene, our 1982 Secretary, who contacted all members of the Health Physics Society working in the Baltimore-Washington area, and made personal calls to encourage membership in our Chapter.

On April 26-27 the Chapter's Basic Radiological Health Course was conducted at the National Bureau of Standards. Course director was John Arras.

The ABHP Certification Preparation Course was conducted again this year. There were 32 students. Jack Patterson was course director.

The following Chapter members received certification by the ABHP this year:

Robert T. Devine  
Kenneth P. Ferlic  
Terry A. Johnson  
John A. Serabian  
Edward A. Tupin

Gail Schmidt was appointed to replace Jim Jones as Chairman of the Rules Committee. Jim died on December 20, 1982.

On February 23rd the Executive Council endorsed the nomination of Eugene L. Saenger for the Society's Service Award. Dr. James A. Deye was nominated for the Elda Anderson Award. The chapter also endorsed the Greater New York Chapter's nomination of Michael Terpilak for the Meritorious Performance Award.

In May, John Taschner was recognized by the Chapter for meritorious service for his contributions in organizing and managing the Preparation Courses for the Certification Examination from 1977 to 1983. John was also the Editor-in-Chief of the Chapter's Preparation Guide from 1979 to 1981.

June 12 - 17 the Chapter in conjunction with University of
Maryland at Baltimore County in Catonsville, MD conducted the Health Physics Society Summer School on Internal Radiation Dosimetry. The Academic Director was Allen Brodsky. There were 32 speakers. Monday's session was devoted to basic concepts. Tuesday's was on methods of dose estimation. Wednesday's and Friday's sessions were management of internal dose assessment under routine and emergency conditions. Thursday's session was on measurements required to estimate internal dose. More than 100 persons attended this summer school.

On Friday, June 10, 1983 the Bureau of Radiological Health announced that it had disposed of 154 curies of radium which had been collected over the years in cooperation with the States and stored at its facility in Montgomery Alabama. John Taschner was project manager. Shipments were made to the commercial burial site at Hanford, Washington on February 4 and 7 and May 24 and 25, 1983.

We hosted the twenty-eighth Annual Meeting of the Health Physics Society. The meeting was held in Baltimore at the Hilton, June 19-24. The members of the Local Arrangements Committee were:

Chairperson
Public Information and
Pre-Meeting Publicity
Friday Education Program
Awards Luncheon
Social Program
Technical Tours
Technical Meetings Floor Manager
Meeting Rooms Coordinator/ Manager
Night Out
Sunday Night Welcome
Consultant

Lester A. Slaback
Kitty Dragonette
Kenneth Perlk
James Malaro
Gail Schmidt
Ralph Shuping
James Stafford
James Spahn
William Webber
Larry Petcovic
John Villforth

We were well-represented in the technical sessions of the annual meeting. At least 11 Chapter members presented papers in nine subject areas. They were: J. Davis, M. Pawlowski, R. Johnson, J. Bland, E. Williams, L. Petcovic, J. Deye, M. Grissom, A. LaMastra, T. Johnson and K. Mossman.

On Sunday evening, June 19th we hosted our 25th Anniversary Party in conjunction with the Annual Health Physics Meeting. The affair was held at the Maryland Science Center at Harbor Place in Baltimore, Maryland. Attendees to the annual meeting were invited to celebrate our Chapter's 25th birthday.

The following are excerpts from Les Slaback's "Thanks a Million" article in the November 1983 Chapter Newsletter:
We had 1939 attendees. More than twice what we expected when we first planned the meeting. A lot of credit for the success of the meeting goes to the Local Arrangements Committee. The Sunday night Silver Anniversary Party was Larry Petcovic's extravaganza - rain and all. Gail Schmidt's Social Program was an all time success. Every seat was filled for the Awards Luncheon and Jim Malaro received a goodly number of compliments for his menu selection and flowers. Jim Spahn succeeded in eliminating the confusion of the hotel/convention center combo and repeatedly managed to stick his finger in the dike before disaster happened. The most visible part of Kitty Dragonette's public relations job were the colorful daily newsletters - she refuses to tell about her tete-a-tete with the VIP's. The popularity of Ken Ferlic's education program and Ralph Shuping's technical tours speak for themselves - tickets were very hard to find. Bill Webber's visual and gourmet touches at the National Aquarium made the Night Out the highlight of the social program. Last, but not least, was Jim Stafford - the man who was everywhere worrying about all the details of keeping the technical meetings going smoothly. Among others who gave of their talent and enthusiasm to the making of a successful meeting were: Charles Willis, Judith Foulke, Pat Vacca, Kathleen Schneider, James Schneller, Hal Peterson, John Devanney, Stan Wadsworth, Bob Johnson, Kathy Yasko, and R. Pettijohn. Les Slaback and his crew did a magnificent job.

In 1983, the extensive activities in public education, started by Allen Brodsky in 1982, continued and the efforts of John Serabian and his crew to establish a Chapter Newsletter came to fruition.

In 1983, the National Bureau of Standards started monitoring personnel with TLDs.

On Saturday, June 4th the chapter conducted a workshop on Effective Public Communication at General Physics Corp., in Columbia, MD. About 30 people attended. Ray Johnson and Larry Petcovic were instrumental in organizing the workshop.

MEETINGS

Tuesday, February 15th
"Status Report on Health Physics Society Activities and Discussion on how we can Communicate with the Public on the subject of Radiation Hazards"
Mr. Bryce L. Rich, EG & E Idaho, Inc.
President-Elect, Health Physics Society
Location: Cafeteria
Uniformed Services University
of the Health Sciences  
Bethesda, MD

Wednesday, March 23rd  
"Indoor Air Pollution"  
Dr. John D. Spengler  
Associate Professor  
Environmental Health Services Department  
Harvard School of Public Health  
Location: Officer's Club  
Walter Reed Army Medical Center  
Washington, DC

Tuesday, April 5th  
"Experiences in Communicating Radiobiological Information to the Marshall Islanders"  
Dr. William J. Blair  
Battelle-Northwest Laboratories  
President-Elect, Health Physics Society  
Location: Cafeteria  
Uniformed Services University of the Health Sciences  
Bethesda, Maryland

Tuesday, May 24th  
"A-Bomb Dosimetry - A Status Report"  
Mr. Dean Kaul  
Science Associates, Inc.  
Schaumburg, Illinois  
and  
Dr. Charles E. Land  
National Cancer Institute  
Bethesda, MD  
Location: Officer's Club  
National Naval Medical Center  
Bethesda, MD

Tuesday, October 18th  
"Health Physicists as Communicators"  
Raymond H. Johnson  
Office of Radiation Programs  
Environmental Protection Agency  
Location: Cafeteria  
Uniformed Services University of the Health Sciences  
Bethesda, Maryland

Wednesday, November 16th  
"Radiation Education"
Mr. Les Ramsey
Atomic Industrial Forum
Location: W. R. Grace Company
Clarksville, Maryland

(Refer to the November 1983 Newsletter for an article by Charlie Osterberg. "It was a "Mickey Mouse" Project")

1984

The Membership Handbook listed 290 members including 61 Certified Health Physicists and 18 Charter Members.

The Chapter's Executive Committee met on January 19th. Bill Mills was tasked to follow up on an idea submitted by the membership for a Chapter logo. A chapter logo contest was held. Howard Hering won with the Skipjack and Washington Monument motif, which remains in use.

The National Association of Government Communicators awarded first place for outstanding government technical publications in 1982 to the NRC radiography safety training manual "Working Safely in Gamma Radiography" which was written by Dr. Stephen McGuire, a member of our chapter and Ms. Carol Peabody, a technical writer.

The membership was saddened to learn of the death of John Arras on November 8, 1983. John's career in health physics covered over two decades and included a tour with the U.S. Army, a Public Health Service Fellowship at Michigan University, a Ph.D. from The Catholic University of America and ABHP certification. John was employed as a health physicist at the NBS Research Reactor. John was heavily involved in the chapter's health physics training efforts. He organized and conducted the chapter's short course in Basic Radiological Health and was a course director for the ABHP Certification Preparation Course in 1979 and 1980. John possessed a unique personality and an original philosophy of life. He will be missed by us all.

The chapter sponsored a "Practical Communication Skills for Health Physicists" Workshop March 24-25 at the Drayton Center in Worton, MD. The workshop is part of an ongoing program by the chapter to provide health physicists with practical skills for communicating effectively with the public about radiation issues. Sessions were also held on September 17-20 and November 12-15.

The chapter's Executive Council nominated Les Slaback to the Health Physics Society's Board of Directors.

Bill Mills hosted the Chapter's planning session at his home on September 8th. Families were invited and a picnic was held.
The purpose was to plan the chapter's activities for the coming year.

The Basic Radiological Health Course was held at NBS on September 13-14. Course directors were Jack Patterson and Michael Terpilak.

The theme for the chapter's meeting program for the year was Radiation Liability.

Ken Mossman was the recipient of the 1984 Elda E. Anderson Award.

Ray Johnson received his ABHP Certification.

Janes H.M. Austin, Chief of the Radiation Support Section, Division of Safety, National Institutes of Health died August 12th. He had been with the NIH Radiation Safety Program for over 25 years.

Georgetown University established a series of Radiation Science Seminars. There were eight seminars this year. Ken Mossman was instrumental in establishing this seminar series. See the February 1984 Newsletter for details.

The Health Physics Certification Review Course was conducted January 4th through May 16th. Steve McGuire was the Course Director.

The Chapter By-laws were changed to provide for Affiliate Members. This membership is to foster exchange of information on radiation products and services. At least one meeting a year will be designated as a Vendors' Night. Affiliates will receive the Chapter Newsletter and mailings and one set of membership labels per year. Affiliates will also be listed in the Annual Membership Handbook and be allowed a half-page ad in the Newsletter. Health Physics Services, Inc. and Nucleon Lectern Associates, Inc. became the first affiliate members.

MEETINGS

Wednesday, February 29th,
"TMI-2, Five Years Afterwards"
Lake H. Barrett, Deputy Director
NRC TMI Program Office
Location: Officer's Club
National Naval Medical Center
Bethesda, Maryland

Lake's slide presentation focused on present
knowledge of core damage, problems of cleanup and special health physics problems encountered.

Thursday, April 5th
"Experiences in Communicating Radiobiological Information to the Marshall Islanders"
Dr. William J. Bair
Battelle-Pacific Northwest Laboratories
President-Elect, Health Physics Society
Location: Cafeteria
Uniformed Services University of the Health Sciences
Bethesda, Maryland

Tuesday, May 29th,
"Risk System for Radiation Protection"
Dr. Warren K. Sinclair, President, NCRP
Location: Villa Rosa Restaurant
Silver Spring, Maryland

Dr. Sinclair described the recommendations contained in the Scientific Committee 1 draft report. The proposals made, if accepted by the NCRP, would replace the "dose equivalent system" and the "ICRP-26 system" with one based solely on risk, whose limits are expressed risk or probability.

Thursday, October 25th,
"Scientific-Legal Aspects of Radiation Induced Cancer"
Dr. Ronald Preston
Science Advisor to the Senate Committee on Labor & Human Resources
Location: Cafeteria
Uniformed Services University of the Health Sciences
Bethesda, Maryland

Congressional attitudes on radiation liability are strongly influenced by the problems Congress has in understanding the science and technology behind radiation issues. The scientific community also has problems transmitting to the policy makers some sense of proportion to provide a basis for understanding what radiation issues are about. Therefore, policy makers are not getting clear messages and their doors are open to the fringe scientists whose opinions are weighted far out of proportion to their peers' because they speak with certainty and we do not.

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Health Physicists tend to debate the issues and talk in elevated scientific discourse that the lawyer types in Congress do not comprehend. This breakdown in communication is having policy and legal implications. Dr. Preston discussed Congressional views on these issues and approaches to alleviating the problems.

1985

The Membership Handbook listed 328 Members including 64 Certified Health Physicists and 18 Charter Members.

On February 23rd the Executive Committee voted unanimously to nominate Dr. Allen Brodsky as a candidate for Fellow Membership in the Health Physics Society. Robert Alexander was nominated for President-Elect of the Health Physics Society. The following were nominated for membership to national committees:

Annual Meeting Place - Les Slaback
Manpower and Professional Education - Warren Schadt
Membership - Jim Spahn
Nominating - Warren Keene
Public Information - Ray Johnson
Scientific and Public Issues - Bill Mills

In April, Dr. Jacob ("Joop") W. Thiessen was nominated by the Executive Committee for election to the Society's Board of Directors.

Thanks to our Editor, Ray Johnson and Publisher, Howard Hering our Chapter Newsletter has blossomed into a truly professional publication. Thanks also to the Chapter Officers and Members who contributed articles.

On February 7th Robin A. Henderson, J.D. and Donald E. Jose, J.D. gave an outstanding overview on radiation litigation to a packed house at Michel's Restaurant. With Don's recent successful defense of the government in Wichita, Kansas (Johnston vs. the United States) he and Robin were able to present a lively, thought provoking, and challenging view to health physicists on the elements of radiation compensation trials. They pointed out that four areas are usually litigated: 1) radiation dose, 2) risk coefficients, 3) negligence, and 4) emotional factors. The problems they noted for HPs in particular are that as expert witnesses, HPs tend to overkill on technology. Also, HPs are not very well prepared to deal with emotional issues. HPs should work more closely with lawyers to provide them with the information they need to present their cases with clarity and persuasiveness for truth to
prevail.

We are pleased to congratulate our Chapter Secretary, Larry Smialek for achieving his Power Reactor Certification in 1984. Larry is one of only 11 HPs to be granted that certificate in 1984.

Congradulations are also in order for Howard Hering for his outstanding work in publishing the 1984/1985 Membership Handbook. This Chapter is very fortunate to have dedicated people like Howard, willing to work diligently at the computer keyboard, collating and correcting names and addresses and for printing such a professional-looking handbook.

A three-day workshop on "Practical Communication Skills for Health Physicists" was held on April 15-18, 1985, at Drayton Center in Morton, Maryland. This workshop provided health physicists with skills for communicating effectively with the general public and radiation workers about radiation hazards. Earlier one and two-day workshops, developed by the Chapter's Public Information Committee, were expanded for this offering by health physics and communication experts from the Communication Sciences Institute, Advanced Communication Techniques and Drayton Center. Ray Johnson and Larry Petcovic were responsible for organizing and conducting the course.

Two recertification courses were conducted at the NRC's Phillips Building in Bethesda, Maryland. On April 8th staff attorneys from the Department of Justice presented a 4-hour course on Radiation Liability. On June 19th, Bob Alexander of the NRC and Jerome Puskin of the EPA presented a 4-hour course on "Probability of Causation - Sample Problems in Risk Calculations".

The Chapter's American Board of Health Physics Certification Review Course was conducted Wednesday evenings from January 3th through May 16th. Steve McGuire was the course Director. Assisting him was John Serabian. There were 30 students.

Radiation litigation became a major health physics issue in 1984 and 1985. Jim Spahn our President-Elect and Chairperson of the Program, Social and Publicity Committee devoted much of this year's meetings to discussion of this important topic. Bob Alexander wrote a most interesting article entitled "Radiation Litigation" for the April Newsletter.

We conducted a two-day "Basic Radiological Health Course" October 29-30 at the National Bureau of Standards. The course Director was Howard Hering.

The Executive Board and Committee Chairpersons met at the home of Bill Mills on July 20th to plan for the coming year's program.

A Symposium on "Thermoluminescent Dosimeters: Theory and
Applications" was held at NBS on Saturday, September 28th. Ten papers were presented.

As a result of amendments to the bylaws that were approved in May 1985, the Executive Committee now consists of seven members: President, President-Elect, Most Recent Past President, Secretary, Treasurer and two elected members.

The Chapter through its President James Spahn nominated Saul Harris to be memorialized by the Founders Award. Saul died on 1983. Saul was always an active participant in everything he felt worth while. He was most active in health physics at the National and Chapter level and in his everyday practice of the profession. He was always leading the pursuit of excellence in the profession.

A second three day workshop on "Practical Skills for Communicating About Radiation Issues" was conducted November 3-6 at the Drayton Center in Worton, Maryland. Again Ray Johnson and Larry Petcovic conducted this workshop.

Our Chapter was well represented on the committees of the National HPS. The following members were serving on these committees:

<table>
<thead>
<tr>
<th>Committee</th>
<th>Member</th>
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<tr>
<td>Admissions:</td>
<td>Michael Wangler</td>
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<td>Affiliates:</td>
<td>Daniel Caulk</td>
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<td>Affirmative Action:</td>
<td>Lynn Fairobert</td>
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<td>Continuing and General Education:</td>
<td>Larry Petcovic</td>
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<td>Manpower and Professional Education:</td>
<td>Kenneth Mossman</td>
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<td>Raymond Johnson</td>
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<td>Standards:</td>
<td>James Malaro</td>
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<td>State and Federal Legislation:</td>
<td>Margaret Federline</td>
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<td>John Taschner</td>
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<td>Steward Crumpler</td>
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<td>Joyce Davis</td>
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<td>Gail Schmidt</td>
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<td>Carl Welty</td>
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The American Public Health Association held its 113th Annual Meeting in Washington, D. C. on November 17-21, 1985. The Radiological Health Section put together an excellent list of topics and speakers for this year's program. Some of the topics were "The Low Level Radioactive Waste Situation", "Accidental Discoveries of Radiation Sources/Exposures", "Three Mile Island - Fact vs. Fiction", Medical and Legal Aspects of Radiation Induced Cancer", and "Radon in Homes".

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The continuing education program for ABHP recertification was conducted with the cooperation of the NRC, the Pan American Health Organization and the Center for Devices and Radiological Health. The program was guided by an Academic Council composed of representatives from these organizations, from the American Board of Health Physics and the BW Chapter as shown below:

R. E. Alexander - NRC  
K. E. Mossman - BW Chapter  
I. P. Leggett CDRH  
G. P. Hanson - PAHO  
L. A. Slaback - ABHP

MEETINGS

Thursday, February 7th,  
"An Overview of Radiation Litigation"  
Donald E. Jose  
Assistant Director, Torts Branch  
U.S. Department of Justice  
and  
Robin A. Henderson  
Office of General Counsel for General Litigation  
U.S. Department of Energy  
Location: Michel’s Restaurant  
Bethesda, Maryland

Tuesday, March 5th,  
"Claims Avoidance In Radiation Management"  
Dr. Lauriston S. Taylor  
Location: Cafeteria  
Uniformed Services University  
of the Health Sciences  
Bethesda, Maryland

Tuesday, April 2nd,  
"Radiation Exposure and Protection -  
U.S. Population"  
Dr. James E. Watson, Jr.  
President-Elect, Health Physics Society  
Director, Radiological Hygiene Program  
University of North Carolina  
Chapel Hill, North Carolina  
Location: Blair Mansion Inn  
Silver Spring, Maryland

Tuesday, May 7th,  
"Workers Dose Accumulation at Nuclear Power Plants"  
Dr. Ralph Lapp
Industrial Consultant, Lecturer and Author and
"Health Physicists' Communication Styles"
Ray Johnson
Director, Communication Sciences Institute

Thursday, September 19th,
"Radiation Under Attack - The Strategy of Offense and Defense"
Brian Siebert
Location: Wellington Hotel
Washington, DC

Wednesday, November 6th,
"Pennsylvania Radon Experience"
Margaret A. Reilly
Chief, Division of Environmental Radiation Protection
Commonwealth of Pennsylvania
and
"Overview of the Indoor Radon Problem and the Status of Federal Efforts to Deal with It"
Richard J. Guimond
Director, Criteria and Standards Division
Office of Radiation Programs
U.S. Environmental Protection Agency

December 19, 1984 marked the beginning of one of the larger radon campaigns in the United States. Over 2,800 homes had been surveyed. The campaign was restricted to the physiographic province known as the Reading Prong. An estimated 20,000 homes are in this area of Pennsylvania. Investigations have identified a large number of homes that have elevated indoor radon levels. This topic death with the activities of various federal agencies to cope with the indoor radon problem.

Location: Ramada Inn
Rockville, Maryland

1986

The Membership Handbook listed 351 members including 75 Certified Health Physicists and 18 Charter Members.

A new term was coined to describe irradiated food "PicoWave" versus microwave for microwave ovens.

The Nominating Committee prepared several recommendations for
National Offices and recognition for our members. These recommendations were approved by the Executive Committee.

President-Elect, HPS: Robert Alexander
Director, HPS: William Mills
Director, HPS: Kenneth Mossman
Founders Award, HPS: Allen Brodsky
Fellow Membership: Dr. J.W. Thiessen

The Society of Sigma Xi at George Mason University sponsored a "Conference on Indoor Radon in the Mid-Atlantic States", May 11-14, 1986. The purpose of the conference was to provide scientific and technical information exchange between researchers and practitioners who are working in the areas of health effects, sources of radon and radium, measurements, mitigation and the buildings trades, real estate sales and financial, legal and political communities.

On June 7, 1986 a workshop on "How to Communicate with the Public About Indoor Radon" was sponsored by the Chapter's Public Information Committee and hosted by the Bechtel Power Corporation in Gaithersburg, MD. Ray Johnson and Larry Petcovic were responsible for all arrangements for this workshop.

On October 21-23rd, the 32nd Annual Conference on Bioassay, Analytical and Environmental Radioactivity was held at the National Bureau of Standards.

There was a National Science Week Regional Symposium on Indoor Radon in the Mid-Atlantic States on May 11 - 14 at George Mason University.

The Basic Radiological Health Course was held October 15 and 16, 1986 and 36 people attended. Howard Hering was the course Director again. Lecturers were: Ken Mossman, Joe Wang, Ray Johnson, David Hintenlang, Rick Jones, Don Thompson, Tim Osbourne, Bill Webber, Mike Terpilak and Roger Broseus.

MEETINGS

Thursday, January 30th,
"Having It Your Way with Part 20"
Robert E. Alexander, Chief
Occupational Radiation Protection and Health Effects Branches
Nuclear Regulatory Commission
Location: Wellington Hotel
Washington, DC

Thursday, March 6th,
"Three Mile Island Unit 2 Recovery Program, 1984 to Present"
Robert Rider
Bechtel Power Corporation
Joint meeting with the Washington Section of the American Nuclear Society
Location: Ramada Inn
         Rockville, Maryland

Thursday, April 3rd,
"Health Physics Education and Training"
Dr. John W. Poston
President-Elect, Health Physics Society
Professor and Health Physics Program Director
Department of Nuclear Engineering
Texas A&M University
Location: Ramada Inn
         Rockville, Maryland

Thursday, May 15th,
"Chernobyl Nuclear Power Plant Accident"
Panel Discussion By: J.W. Theissen, DOE
                    Frank Congel, NRC
                    David Janes, EPA
                    Gail Schmidt, CDRH
Location: Ramada Inn
         Rockville, Maryland
Because of the Chernobyl Reactor accident, John Villforth suggested that the originally scheduled program by CDRH be postponed in favor of a round table discussion of the accident.

Wednesday, October 1st,
"Low Level Waste Compacts"
Holmes Brown
Afton Associates
Location: W.R. Grace Company
         Clarkesville, Maryland

Wednesday, November 12th,
"Radon Update"
Dr. Richard Guimond
Environmental Protection Agency
Location: Far East Restaurant
         Rockville, Maryland

Thursday, December 11th,
"Cranial CT and Mammography"

1. Typical Patient Procedure Doses in Current Cranial CT
2. An Assessment of Current Mammographic Techniques and Doses
John C. Villforth, Director, Center for Devices and Radiological Health
Charles K. Showalter, Director, Division of Technical Development
John L. McCrohan, Chief, Monitoring and Diagnostic Devices Branch
Location: Mama's Italian Restaurant
Fairfax, Virginia

(John Villforth was unable to attend)

1987

The Membership Handbook listed 345 members, 74 Certified Health Physicists and 16 Charter Members. The New England Chapter showed 368 members making us the second largest of the 42 Chapters. A review of the National Society's membership directory indicated that over 700 members reside in the Baltimore-Washington area, yet only half are members of our Chapter. In September a major effort was made to contact these people and to encourage membership and participation in our Chapter.

We were well represented on committees of the National Health Physics Society, The American Academy of Health Physics, and The American Board of Health Physics.

HPS President-Elect: Robert Alexander
HPS Board of Directors: Robert Alexander
HPS Publications Journal: Robert Alexander

Admissions: Warren Keene - 1989
Affiliates: Larry Petrovic - 1989
Affirmative Action (Chairperson): Lynn Fairbent - 1987
Annual Meeting Place: Les Slaback - 1988
Manpower and Professional Education: Kenneth Moseman - 1986
Membership: James Spahn - 1988
Program: Wayne Britz - 1989
Public Information: Raymond Johnson - 1988
Publications: Michael Wangler - 1989
Standards: Bill Schadt
State and Federal Legislation: Margaret Federline - 1988
Laboratory Accreditation - John Taschner - 1987

Joyce Davis - 1987
Gail Schmidt - 1987
Carl Welty - 1987
Working:
Laboratory Accreditation - Standards:
Public Relations (Ad Hoc):
NPR Section, Board of Directors:
ABHP Comprehensive Exam Panel:
ABHP Power Reactor Exam Panel:
AAHP Treasurer:
AAHP Continuing Education:
AAHP Finance:
AAHP Nominations:

Elmer Eisenhower
Les Slaback - 1986
Kenneth Mossman - 1986
Lawrence Smialek - 1988
Joyce Davis - 1988
Frank Roddy - 1987
Les Slaback - 1986
Robert Alexander
John Buchanan
Les Slaback - 1986
Allen Brodsky

The Baltimore-Washington Chapter Certification Preparation Course Guide enjoys international renown. Maintaining its high quality means periodic updating. The Education Committee decided that there was a need to update the 1981 "Study Guide for the ABHP Certification Examination Preparation Course". The objective of the revision is to make the guide more useful to both students and teachers and to update the references and reading assignments and problems. Charles Willis volunteered to champion this effort. The last update was 1981, however, the last complete revision was in 1979. Both of these were done by John Taschner.

Jim Watson, Chairperson of the Awards Committee for the Health Physics Society informed us by letter of April 27th that J.W. Thiessen had been selected to receive the Fellow Award.

Due to a lack of interest, the ABHP Certification Preparation Course was not offered this year.

The Basic Radiological Health Course was held October 21-22 at NBS. Howard Hering was the Course Director.

The NRC's highest honor award, the Distinguished Service Award was presented to Dr. Frank J. Congel, Chief, Reliability and Risk Assessment Branch, Office of Nuclear Reactor Regulation. The award was given for Frank's outstanding contributions in implementing and applying calculational models and techniques for determining the radioactivity released in reactor accidents. He made significant contributions to understanding the Chernobyl reactor accident by estimating the radioactivity released and evaluating the associated doses and effects. Frank is a member of our Chapter.

Howard Hering reported that we have about $22,000 in our treasury - a far cry from our meager beginnings in 1958 when we "passed the hat" to cover expenses of the meeting announcement.
mailings.

At the 32nd Annual HPS meeting in Salt Lake City, Utah there was a day-long session devoted to the detection of hot radioactive particles and the calculation of skin doses from them. These particles measure in size from submicroscopic to about 80 nm and from 10 nCi to about 80 microcuries in activity. Analyses have shown them to be stellite valve seat scale (Co-60) or fragments of fuel and fission products. This is becoming a big concern at nuclear power plants and will be studied by NCRP Scientific Committee 80.

We had a major membership campaign this year to bring in members of the HPS who are not members of our chapter. A copy of the September 1987 Newsletter was mailed to over 700 members of the HPS who reside in the Baltimore - Washington area.

The NRC's Meritorious Service Award was given to Kitty S. Dragonne, Senior Health Physicist, Office of Nuclear Material Safety and Safeguards. Kitty is one of our Chapter's Directors.

The 1991 Annual Health Physics Society meeting will be held in Washington, DC at the Sheraton.

At the August 22nd meeting of the Executive Committee Bob Alexander, President-Elect, Health Physics Society made a special presentation on a Health Physics Society Training Program. His goal is providing training to health physics professionals on the precepts of ICRP-26. The training program would receive as wide a dissemination as possible and be taken on the road by instructors recruited from the local chapters around the country. The NRC has already provided funding for the development of separate "texts" for health physicists, technicians, and managers. Employers are expected to provide classrooms and support for candidates to attend during working hours. The local chapters will be asked to provide instructors, although the use of video presentations will also be investigated.

At the 32nd Annual Health Physics Society meeting in Salt Lake City, Utah, technical sessions were chaired by Al Grella, Jim Martin and Bruce Watson. Papers presented were authored or co-authored by Bob Alexander, R.K. Bhat, Paul Blake, Allen Brodsky, Charles Cothorn, Joyce Davis, Elmer Eisenhower, Mike Funkhouser, Jim Martin, Jr., Billy Mills, Ken Mossman, Larry Petcovic, Melinda Ronca-Battista, Paul Thiess, Andy Wello, Joe Wang, Charlie Willis, and Gary Zeman. Ray Johnson and Larry Petcovic also presented several seminars on Communications for Health Physicists. They now have a unique database of over 750 communication style profiles for health physicists. Ray also represented the Chapter in the 5 km race. Ray reports that the race started at an altitude of one mile and gained another mile up the side of a mountain.
The History Committee chaired by John Taschner met for the first time. The meeting was held at "Tasch's" home on November 7th.

Ed Tupin was working on Chapter local arrangements for the 1991 Annual HPS meeting in Washington, DC. The meeting will be held at the Sheraton Hotel (near the National Zoo).

Congratulations to Nancy Osgood, Joe DeCicco, Roby Enge and Skip Kerschner for successfully completing examinations by the American Board of Health Physics. Certificates were presented to them by President John Taschner at the March 1987 meeting.

Georgetown University held a two day symposium on "Nuclear Radiation and Public Health Practices and Policies in the Post-Chernobyl World", September 18-19. Dr. Ken Mossman of Georgetown University and a member of our Chapter was among the organizers. The conclusion of the many speakers was that much of the public has listened to the pros and cons of nuclear energy and decided they don't want it. (Details in the November 1987 Chapter Newsletter).

An afternoon seminar was held November 19th at the Evans Farm Inn in McLean, VA, just prior to our dinner meeting. The subject "Is Ionizing Radiation Essential? Microbial Evidence". The speaker was T.D. Luckey, Consultant in Life Sciences. This was the first in a series of seminars sponsored by our Chapter's Education and Training Committee.

Bob Alexander's proposal that the Health Physics Society's Board of Directors should speak out publicly on scientific issues and issue statements of scientific fact in the name of the society was overwhelmingly supported by our Chapter Members who attended the September Chapter meeting.

Our President, Warren Keene received his Ph.D. in Nuclear Science and Engineering at The Catholic University of America.

The Basic Radiological Health Course was held at NBS on October 21 and 22nd. Course Director was Howard Hering.

On the occasion of Dr. J.W. Thiessen's departure for a new position in Japan, Allen Brodsky wrote the following Limerick "On the Life of Joop Thiessen":

There was a young doctor named Joop
Who offered the Netherlands hope
That nuclear disaster
Somehow they could master
Since Joop knew its scope and could cope.

However, this Joop was no dope,
He was not one to tarry or mope.
After seventeen years, he removed Holland's fears,
So he could, to America, elope.

He's famous now as Dr. Joop Thiessen,
A speaker who's always in season.
After seventeen years
Of blood, sweat and tears
He's a man of broad vision and reason.
He's now saved our health and environment,
And defined every safety requirement.
So he's off to Japan
To do what he can
To avoid an early retirement.

With love, admiration and best wishes from your friends,

MEETINGS

Thursday, March 12th,
"The Health Physics Society Long Range Plan"
David A. Waite
President-Elect, Health Physics Society
Location: Uniformed Services University of the Health Sciences
          Bethesda, Maryland

Wednesday, April 22nd
"10 CFR 20 - Proposed Revisions"
Frederick M. Bernthal
Commissioner, USNRC
Location: Momma's Italian Restaurant
          Fairfax, Virginia

Thursday, May 21st,
"Health and Environmental Consequences of the Chernobyl Accident"
Andrew P. Hull
Brookhaven National Laboratory
Location: Ramada Inn
          Rockville, Maryland

Tuesday, September 22nd,
"Protecting Against Trivial Risks - Why Does it Happen?"
Robert Alexander
President-Elect, Health Physics Society
Chief, Radiation Protection and Health Effects Branch,
Office of Nuclear Regulatory Research
Nuclear Regulatory Commission  
Location: Villa Rosa Restaurant  
           Silver Spring, Maryland

Wednesday, October 21st,  
Joint Meeting with the American Industrial  
Hygiene Association, Potomac Section  
"Tracking Down Occupational Illnesses"  
Dr. Laura Welch  
George Washington University  
Location: Raindancer Seafood House  
           Rockville, Maryland

Thursday, November 19th,  
"Radiation Hormesis: Chernobyl and Nuclear Spring"  
Dr. Thomas Luckey  
Consultant in Life Sciences and Author of  
"Hormesis with Ionizing Radiation"  
Location: Evans Farm Inn  
           McLean, Virginia

A seminar on Radiation Hormesis was held from 3:30 to 5:30 pm also at the Evans Farm Inn.

1988

The 1987/88 Chapter Membership Handbook listed 344 members, including 78 certified health physicists and 5 registered radiation protection technologists. Chapter records indicate that 79 of our members hold doctoral degrees. Fifteen Charter members continue to retain their chapter membership after 30 years. Affiliate membership has grown steadily and now stands at nine.

NUREG-1150 "Reactor Risk Reference Document" was published this year. It is the NRC's attempt to update WASH-1400, also known as the "Reactor Safety Study" or the "Rasmussen Report".

At the Chapter executive Committee meeting on January 12, the committee approved the expenditure of funds to develop lesson plans and slides and to produce a student manual for the Basic Radiological Health Course.

The chapter conducted the Certification Preparation Review Course again this year. Charles Willis was the course director. Charlie developed an annotated bibliography for health physics reference materials. It is a comprehensive listing of references with a description of the contents of each reference. Charlie is also leading the effort to update the certification preparation review course guide.
The Physics Department of Catholic University of America remembered the late Dr. F. Leo Talbott, a CUA physics Professor for 43 years by a plaque commemorating his service to the university in teaching, research and interpersonal skills. Professor Talbott was a charter member of our chapter. He died in September 1985.

We were asked by the Northern California Chapter to contribute to their Burton J. Moyer Fellowship Fund. The NCCHPS is attempting to raise sufficient funds to double the endowment and make it self-sustaining. Chapter President Warren Keene urged the Executive Committee to vote favorably to contribute funds and to consider establishing its own fellowship program. The chapter donated $500.00 to the Moyer fund.

In late October 1988, President Reagan signed into law an amendment of the Toxic Substances Control Act called, "Title III - Indoor radon Abatement". There is a summary of the Act in the 1988 history folder. The long term national goal of the act is for radon levels in buildings to be reduced to ambient outdoor levels (assumed to be about 0.2 - 0.7 pCi/l). A discussion of the Act is in the January 1989 Newsletter.

On November 9, 1988, a meeting was held in Towson, MD concerning the licensing of safety professionals. Chapter members Allen Brodsky and Bob Devine attended. Dr. Oneil Banks, American Academy of Industrial Hygiene presented two versions of his proposed bill for registration of safety professionals. The first concerned industrial hygienists but by implication also covered safety engineers, noise control engineers and health physicists. The possibility that health physicists would have to work under the supervision of a registered industrial hygienist was noted by Brodsky and Devine and was considered to be unsatisfactory. The second bill allowed all four professionals to practice on an equal footing.

HD1220, a bill to require licensing of all safety practitioners was defeated recently in the Maryland Legislature apparently not for any lack of support for the bill but because it was poorly written. After the defeat, a meeting was held on June 9th in Baltimore, in the offices of the Maryland Chapter of the National Safety Council to discuss preparations for reintroduction of the matter in a revised bill.

On the national level, the effort to give consensus scientific opinion a more prominent role in public policy development for radiation was beginning to succeed. At the annual meeting in Boston, the HPS Board of Directors authorized the Scientific and Public Issues Committee to issue statements in the name of the Society pursuant to Article VII, Section 9 of the Bylaws. The HPS issued statements on food irradiation and below regulatory concern. Also, the HPS's Public Information Committee was busy organizing
another massive public information effort. Their goal was to appoint a HPS Public Information Officer in every city in which a member lives. Their major responsibility would be to monitor local newspapers and, when necessary, to try to set the science record straight.

On December 12th, the NRC announced, via the Federal Register, a public meeting on "below regulatory concern". The meeting date was January 12, 1989. (See the December newsletter).

In November, the Working Group on Radon, Scientific and Public Issues Committee completed its task of preparing a statement for distribution by the Health Physics Society on the subject of cancer risk from exposure to indoor radon entitled "Health Physics Society Urges Homeowners Caution in Decisions on Indoor Radon". Working Group members were Ray Johnson, Ralph Lapp. Ken Mossman and Bernard Shleien.

The 1991 Summer School Committee will be composed of Ken Mossman and Billy Mills. As host chapter for the annual meeting, we are responsible for organizing the summer school. The proposed topic is "Biological Basis of Radiation Protection Practice". One of the main goals will be to publish the proceedings of the school.

The chapter sponsored another Basic Radiological Health Course. The dates were October 18-19. The course director again was Howard Herig.

The American Association of Radon Scientists and Technologists held the second Annual Fall Conference on September 20-21. The theme was "Radon - An Industry in Transition".

WJLA-TV conducted a RADON WATCH campaign to inform the public about radon. They prepared public service announcements, news programming coverage and arranged for a radon testing laboratory (Air Check), to make available its seven day testers to about 100,000 homeowners. Based on the preliminary findings for 25,000 homes throughout the Metropolitan Washington area 29.5% of the homes measured levels of 4 pci/l or more; 8.8% of the homes exceeded 10 pci/l and 4.3% had radon levels of 16 pci/l or more. Roberta Baskin, Consumer/Investigative Reporter for WJLA-TV did much of the reporting. (See her article in the March 1988 newletter).

November 18th was the 30th anniversary of the BW Chapter.

Hot particles became a major concern in the nuclear power industry. Hot particles are tiny specks of radioactive material occasionally found at some nuclear power plants. The particles could be bits of fuel containing fission products or bits of crud containing cobalt-60. Charles Meinhold of Brookhaven National
Laboratory presented a talk on hot particles at our March meeting. (See the March 1988 newsletter)

On September 29th, the NRC conducted a workshop on their manual NUREG/CR 4884, "Interpretation of Bioassay Measurements". The workshop showed how the intake retention functions were derived and how they can be used to calculate intakes and doses. Mr. Edward Lessard, Brookhaven National Laboratory ran the workshop at the NRC's One White Flint North Building.

In the September 1988 newsletter there is a letter from Charles Willis to Bob Alexander regarding his presentation on "Protecting Against Trivial Risk"

The February and March issues of the Chapter Newsletter were devoted to the analysis of radon health risks. Included in the February issues were summaries of radon risk perspectives from Dr. Ralph Lapp, Dr. Naomi Harley, Dr. William Mills and Dr. Jerome Puskin.

At the HPS mid-year topical symposium on Power Reactors in December 1987, Warren Keene was appointed Chairman of the "Transition Education Program". The program will begin after the annual meeting in Boston and is expected to be completed within one year.

The Basic Radiological Health Course was given October 18 - 19 at NBS. At the January 12th Executive Committee Meeting Howard Hering recommended that Chapter funding be provided for the development and printing of a student manual for the course. The committee approved.

The ABHP Certification Review Course was conducted again. The course director was John Serabian.

The February Newsletter was devoted entirely to the issue of Risk from Radon exposure and the topic of our February 16th meeting was "Is Radon A Serious Problem?".

The Chapter endorsed the nomination of Paul Stansbury for HPS Treasurer.

Over 200 people attended the February 16th meeting on Indoor Radon. This was by far the largest attendance at any Chapter meeting in recent memory. Roberta Baskin from Channel 7 News (WJLA) put in a brief appearance, taping a private interview with Dr. Harley before the meeting.

A two-day radon training course was offered March 29-30 at the Sheraton Towson Conference Center, Towson, MD. The course was sponsored by the American Association of Radon Scientists and
Technologists and was presented by Porter Consultants. Sid Porter is a member of our chapter.

The Columbia and Baltimore-Washington Chapters sponsored two communication workshops. One on April 24-29 in Richland, Washington and the other on May 15-20 in Worton, MD. The instructors were Ray Johnson and Larry Petcovic.

Steve McGuire, our President-Elect raised the question, "Should the Chapter petition the EPA and National Society to withdraw their guide "A Citizen's Guide to Radon"? on the basis that it exaggerates the risk from radon and is misleading?". (See the June '88 Newsletter for details).

John Taschner was instrumental in obtaining for the Chapter and the Health Physics Society, copies of the series of video tapes entitled "Vignettes of Early Radiation Workers". The chapter expressed its sincere appreciation to the Center of Devices and Radiological Health and in particular Mrs. Kelly Sauer, for making them available to us - and at no cost. The tapes were produced by CDRH. The tapes are in the custody of the Chapter's historian.

In May, Chapter President Warren Keene asked Larry Smialek, Chairman of the Rules Committee to draft by-laws changes that would create a new office of chapter Historian. Past President John Taschner currently chairs an ad hoc committee which has begun to write the chapter history. The consensus of the executive committee members is that a permanent position of Chapter Historian with additional duties as Archivist should be created. President Keene recommended that the position be filled by presidential appointment and filled for protracted periods by an individual with special interests in history.

The June 1988 Newsletter contained an article by our President Warren Keene entitled "The Year in Review". There is good material here for the Chapter history.

At the HPS mid-year topical symposium, the HPS Board approved the proposed Transition Education Program. Warren Keene will chair the national committee established to implement the program. A group of regional deputies will coordinate the program in their respective areas. The purpose of the program is to: (1) increase the level of awareness of the science which underlies the changes in requirements for radiation exposure control and documentation; (2) initiate the preparation of health physics personnel for the transition in units and terminology, radiation protection concepts, litigation preparation, etc. and (3) motivate the preparation and use of short courses which provide more detailed training.

In the fall of 1988 we continued our membership drive to reach the members of the National Health Physics Society who are in our
area but are not chapter members. The lead article in the September Newsletter was devoted to that end.

We were informed that the 1988 fall meeting of the Virginia Chapter would be devoted to "Emergency Preparedness". Abstracts on emergency planning and monitoring were solicited. The meeting was held October 28-29 in Wintergreen, VA.

The first Executive Committee meeting for the 1988-1989 Chapter year was held the evening of July 27th, following a cookout dinner at Steve McGuire's home. Details are in the September 1988 Newsletter.

Also in the September Newsletter is an interesting poem "Do you Just Belong?" It comes from the Newsletter of the Skyline Towers Civic Association with modifications by Warren Keene.

The October 1988 Newsletter again focused on controversies related to indoor radon.

On Monday, September 12th, the U.S. Environmental Protection Agency and the U.S. Public Health Service issued a National Health Advisory on Radon and recommended the testing of all (80 million) homes in the United States. There is an interesting article by Steve McGuire in the October 1988 Newsletter "The EPA and Radon: Time for the Next Step".

Ken Mossman wrote a letter to the Washington Post about the radon issue and stated that "The radon problem has gotten out of hand". (See the October Newsletter for details).

Ralph E. Lapp wrote a letter to Dr. Koop, Surgeon General, U.S. Public Health Service stating: "It is disappointing to learn that the Public Health Service has joined with the Environmental Protection Agency in focusing national attention on lung cancer ascribed to residential radon".

MEETINGS

Tuesday, February 16th
Joint meeting with the Washington, D.C.
Section of the American Nuclear Society
"Is Radon a Serious Problem?"
Moderator: Dr. Kenneth Mossman
Panelists: Dr. Naomi Hartley
         Dr. Ralph E. Lapp
         Dr. William A. Mills
         Dr. Jerome S. Puskin
Location: Cafeteria
Uniformed Services University
of the Health Scientists

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Bethesda, MD

Thursday, March 31st
Affiliates Night
"The NCRP's Solution to the Hot Particle Problem"
Charles Meinhold
Head, Radiation Sciences Division
Brookhaven National Laboratory
Location: Ramada Inn
Rockville, MD
The following affiliates were represented:
Victoreen
Nucleon Lectern Associates
Radiation Services Organization
Canberra

Friday, June 17th
Social Meeting and Barbecue
Smokey Glen Farm Pavilion Area
Rockville, MD

This meeting was cancelled due to a lack of interest.

Wednesday, September 28th
Joint meeting with the Potomac Section
of the American Industrial Hygiene Association
"Licensing of Safety Practitioners"
Dr. O'Neil M. Banks
Executive Assistant Commissioner
Division of Labor and Industry
Location: Blair Mansion Inn
Silver Spring, MD

Wednesday, November 2nd
"Improving Radiation Protection
Program Implementation"
Dr. Robert L. Long
Vice President and Director of Planning
and Nuclear Safety Division
GPU Nuclear Corporation
Location: Alfio's Restaurant
Chevy Chase, MD

1989

The NRC held a public meeting on "Below Regulatory Concern on January 12. The meeting was held at the Holiday Inn in Bethesda, MD. The NRC began the development of a policy on exemption from
regulatory control for practices whose health and safety impacts could be considered to be below regulatory concern. See the December 1988 Newsletter for details.

There was a retirement party on January 25 for Bob Alexander at the Country Junction Restaurant, Colonial Manor Motel in Rockville, MD. Bob retired from the NRC.

On January 8, President Steve McGuire sent an article to the HPS Newsletter entitled "$128 Billion to Clean up DOE's Waste?" The article raised questions about the cost of cleaning up DOE facilities versus the benefit for doing so. The article is published in our March 1989 Newsletter.

In the 1989 file is an article "Health Physics Society Urges Homeowner Caution in Decisions on Indoor Radon". The HPS recommended that the Federal Government publish a comprehensive document on its actions for indoor radon control and provide opportunity for public review and input.

In the January 1989 chapter newsletter there is a lengthy article entitled "Radon - The HPS Debate". HPS President Bob Alexander appointed a working group on radon to address a number of radon issues.

The Chapter and the Washington Section of the American Nuclear Society hosted a Workshop for 75 high school science teachers on Tuesday, January 17 at the St. Albans School. Topics included: Radon in Homes, Science Fair Projects and Radioactive Waste. The workshop was coordinated by Ray Johnson as Chairman of the Public Information Committees for both societies.

The Georgetown University Medical Center, Department of Radiation Science hosted a seminar on changes in 10 CFR 20. The speaker was John Poston.

The Health Physics Certification Course was cancelled due to insufficient registration.

H & H Associates, the Chapter's printer and publisher, joined the ranks of the Chapter's Affiliate Members.

The chapter published the book, "Health Physics Annotated Bibliography" which was written by Charlie Willis.

President Larry Smialek received a letter from Bobby Leonard, President of Academy of IRM, Inc. regarding a bill being drafted by Dr. O'Neil Banks, a certified industrial hygienist in Bel Air, MD. that would require CIH's and Certified Health Physicists to be licensed by the State of Maryland before practicing their profession. (see also 1988)
We received a "Summary of Key Proposed Bylaws Changes" for the Power Reactor Health Physics Section of the HPS.

The two day Basic Radiological Health Course was conducted October 25 - 26 at the National Institute of Standards and Technology. Howard Hering was course director.

A conference on "50 Years with Nuclear Fission" was held April 26 - 28 at NIST. The program provided opportunity to meet several pioneers in nuclear fission: Glenn Seaborg, Eugene Wigner, John Wheeler and others. Technical programs and poster sessions were included.

The D. C. Government moves to comply with January 1990 Low Level Waste Milestone. The next milestone mandated by the Low Level Radioactive Waste Policy Amendment Act of 1985 (PL99-240) is a certification by Major Marion Barry to the NRC, by 1 January 1990, that the District of Columbia will provide storage, disposal or management of any low-level radioactive waste generated within D.C.

There is an interesting article in the May 1989 Newsletter by Ray Johnson entitled "Two Word Risk Assessments - 'Deadly Radiation' and 'Lethal Radioactivity'.

There were some proposed amendments to our by-laws this year. The Chapter History Committee was added to the list of standing committees and the Chapter President was given the authority to address public issues on behalf of the chapter. The dues year shall be from January 1 through December 31 and any dues not paid by May 1 will be delinquent and voting privileges shall cease. These changes were approved on June 14.

President Larry Smialek wrote an open letter to Bernie Shleien for his "no lights" presentation at our June 14th meeting. That was the evening when members experienced traffic problems caused by high winds and when Bernie's presentation was given in total darkness due to electrical failure. Larry's interesting letter to Bernie might be worth including in the history.

The Chapter honored Charles Willis with a Special Achievement Award for his development of a comprehensive Health Physics Annotated Bibliography. Also honored was Dr. Warren Schadt with an Exceptional Accomplishment Award for the development of HP QUEST.

The Chapter was saddened to learn of the death of Dr. Charles Mays on August 3, 1989. Chuck had been a member of our chapter since coming from the University of Utah to the Epidemiology Branch of the National Cancer Institute. He worked on NCRP committees for 13 years. He received the Distinguished Scientific Award at last year's Annual Health Physics Society Meeting.
Terradex Radon Detection Products of Tech/Ops Landauer, Inc. was added to our list of affiliate members.

The NRC Commissioners, in mid-October, approved a policy on Below Regulatory Concern. The policy concerns the exemption from regulatory control of practices when the risks are so small that the resources required to accomplish the control would not result in commensurate improvement in the protection of human health. For a practice to be exempt from regulatory control, average individual dose to typical individuals in the critical (most exposed) group would have to be less than 10 mrem/year. If large populations could be exposed, the average dose to all people receiving a dose greater than 0.1 mrem/year could not exceed 1000 person-rem/year.

The Chapter will again assist the Washington D. C. Section of the American Nuclear Society in sponsoring an exhibit at the State Teachers Convention in Ocean City, MD on November 3-4.

Ken Mossman prepared the proposal for the 1991 Health Physics Society Summer School. The topic will be "Biological Basis of Radiation Protection Practice".

In the 1989 file is a song, words and music, by Allen Brodsky entitled "The Risk Assessment Blues" which was dedicated to Arthur C. Upton and the BEIR V gang. Possible inclusion in the appendix of the history.

Saul Harris was the 1989 Memorialization at the annual Health Physics Society meeting.

MEETINGS

Wednesday, January 25th
"Radon - Practical Problems and Solutions
Joint meeting with the Washington, D.C.
Section of the American Nuclear Society

Speakers and Topics:
Rear Admiral Richard J. Guimond, USPHS,
Environmental Protection Agency
"Basis for EPA Radon Guidelines"

Douglas G. Mose, George Mason University
"Seasonal Indoor Radon in Northern Virginia"

Bernie Shleien, Scinta, Inc.
"Reflections of a Former Home Radon Tester"
David Weiss, National Association of Realtors
"What is the Impact of Indoor Radon on the Real Estate Industry"

Ken Mossman, Moderator
Introductions by Clyde Jupiter
Location: Uniformed Services University of the Health Sciences
Bethesda, MD

Tuesday, April 4th
AFFILIATES NIGHT
"When Radium was Good for You"
Ron Kathren
President-Elect, Health Physics Society
Location: Far East Restaurant
Rockville, MD

Our Affiliates are:

Canberra Industries, Inc.
Health Physics Services, Inc.
RADCo
H & H Associates, Inc.
Xetex
Victoreen, Inc.
Scinta, Inc.
Panasonic Industrial Co.
RSO, Inc.

Wednesday, June 14th
"Epidemiological Studies of the Public Around Nuclear Installations"
Bernard Shleien
Location: Bish Thompson's
Bethesda, MD

Thursday, September 21st
"Risk Estimates - 1989"
Dr. Warren Sinclair
President, NCRP
Location: Far East Restaurant
Rockville, MD

Thursday, November 16th
"New Air Standards for Radionuclides"
Richard J. Guimond,
Assistant Surgeon General

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In December 1990, the EPA published new Clean Air Act emission standards. The new limit is 10 mrem/yr which replaces the earlier Clean Air Act standards of 25 mrem whole body and 75 mrem to individual organs. The standard allows 90 days for facilities to come into compliance.

In December, the NRC staff notified the NRC Commissioners of plans to modify enforcement policy for hot particle exposures. Under the new policy, a notice of violation would be issued only if the dose from a hot particle exceeded 100 rads to the skin averaged over one square centimeter at a depth of 7 mg/square cm. Currently a notice of violation is issued if the dose to the skin exceeds 7.5 rem (or 18.75 rems if the hot particle is on the hands, forearms, feet or ankles).

The ICRP met January 14 - 20 to discuss a revision to ICRP Report 26. The dose limit scheme presently under consideration is a limit of 10 rems in 5 years, for an average of 2 rems/yr. There would also be a limit of 5 rems in any one year. The reason for lowering the dose limits is that estimates of radiation risk have risen (UNSCEAR 88 and BEIR V).

The chapter presented its annual health physics certification review course starting in January and running until May. Charlie Willis was course director. There were 29 students.

The Chapter sponsored a Public Information Committee initiative. The purpose being to let reporters know in a diplomatic way when they have made an error or written a biased or misleading story. The chairman of the committee was Ray Johnson.

The Chapter's Executive Council met for a cookout and meeting at the home of President Larry Smialek on March 10, 1990.

In March, the Chapter's Executive Council nominated Charles A. Willis for a Fellow Award and supported the nomination of Dr. Joseph A. Sayeg and Alfred W. Grella for a Fellow Awards. Joe Sayeg was a former member of our Chapter. Al Grella has been a member of our chapter since 1969. In addition we supported the nomination of Dr. Herman Cember for the Distinguished Scientific Achievement Award. Other nominations were: Raymond H. Johnson for
Treasurer of the HPS and Dr. Steven McGuire for Director of the HPS.

In April the chapter recommended the nomination of Dr. Kenneth L. Mossman for President-Elect of the Health Physics Society.

A planning meeting for the 1991 HPS Summer School was held on May 18, 1990 at the ORAU-Washington Office. The topic for the Summer school is the "Biological Basis of Radiation Protection Practice."

The American Nuclear Society sponsored a "Review of the BEIR V Report on May 16, 1990. Dr. Arthur Upton was the guest speaker.

IN MEMORIUM

We remembered and honored the following Chapter participants who passed away in 1990.

Joseph Manson Brown, Jr.
Dr. Abraham S. Goldin
Robert M. Golden
Gull (beth) Taschner

The Executive Council met on September 15th at the home of President Ray Johnson to plan programs for the 1990-1991 Chapter year.

The Basic Radiological Health Course was held October 10-11 at the National Institute of Standards and Technology. Howard Hering was the course coordinator again.

The Health Physics Certification Review Course began in January and ended in May. Course Director was Charles Willis. Assistant Course director was Joel Rabovsky.

Chapter Members Receive Awards

Donald L. Thompson - FDA Commendable Service Award
Ronald G. Jans - PHS Commendation Medal
Walter E. Gundaker - PHS Distinguished Service Medal
Ronald G. Jans - CDRH Outstanding Service Award
Bernard Shleien CDRH Outstanding Service Group Award

The NRC recently interviewed a large group of nuclear power plant personnel about regulation by the NRC. The study concluded that personnel at nuclear power plants generally believe that "NRC so dominates licensee resources through its existing and changing formal and informal requirements that licensees believe that their plants, though now safe, would have better reliability and might even achieve a higher degree of safety if licensees were freer to
manage their own resources". The report "Industry Perceptions of the Impact of the U.S. Nuclear Regulatory Commission on Nuclear Power Plant Activities, NUREG-1395.

John C. Villforth retired from the Center for Devices and Radiological health. A gala event was held on September 6th and over 600 people attended. The bash was held at the Potomac Polo Club, Potomac, MD.

MEETINGS

Wednesday, January 17th
"Chernobyl: Chronicle of Difficult Weeks"

Mr. Harold Denton, Director, Office of Governmental and Public Affairs, NRC

Dr. Frank Congel, Director, Division of Radiation Protection and emergency Preparedness, NRC

Dr. Shlomo Yaniv, Senior Health Physicist, NRC

Mr. Harold Peterson, Senior Health Physicist, NRC

Location: Uniformed Services University for the Health Sciences
National Naval Medical Center
Bethesda, MD

The speakers were members of a scientific team from the NRC which visited the Soviet Union and Chernobyl in September 1989. They showed a soviet film which shows the mobilization of emergency crews, evacuation of the total population, control measures for the damaged reactor and site stabilization efforts. The film director, Vladimir Shevchenko, died of radiation exposure after producing this documentary.

Tuesday, February 20th
"An Evening with Chairman Carr"
Chairman Kenneth M. Carr
Nuclear Regulatory Commission
Location:

(Joint meeting with the American Nuclear Society)

Thursday, April 5th
Annual Affiliates Night
Dr. Genevieve S. Roessler
President-Elect, Health Physics Society
"The Declared Pregnant Worker"
Location: Ramada Inn
Rockville, MD

Tuesday, May 15th
Electrets - A New Radiation Measurement Technology
Robert W. Ramsey, Jr.
President of Rad Elec., Inc
Frederick, MD
Location: The Anchor Inn
Wheaton, MD

(Two hour workshop and Annual Business Meeting)

Wednesday, September 26th
"DOE Initiatives in Environment, Safety and Health"
Dr. Paul Zieme
Assistant Secretary of Energy for Environment, Safety and Health, DOE
Location: Holiday Inn Crown Plaza
Rockville, MD

Tuesday, November 20th
"New Studies on Cancer Risks from Living Near Nuclear Facilities"
Charles A. Willis
U.S. Nuclear Regulatory Commission
Location: Holiday Inn Crown Plaza
Rockville, MD

1991

MEETINGS

Thursday, January 24th
"National Energy Strategy"
Mark L. Kerrigan
Associate Deputy Under Secretary for Policy, Planning and Analysis, DOE
Location: Ramada Inn
Bethesda, MD

(Joint meeting with the American Nuclear Society)

Wednesday, February 27th
"Risk and Regulation: a Congressional Viewpoint"
Dan Berkowitz
Associate Counsel for the Committee on Environment and Public Works

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U.S. Senate  
Location: Holiday Inn Crown Plaza  
Rockville, MD

Thursday, April 4th  
"Low-Level Radioactive Waste Disposal: Past, Present, and Future"  
Frank Masse  
National President-Elect and Director of  
Radiation Protection Programs, MIT  
Location: Holiday Inn Crown Plaza  
Rockville, MD  

(Annual Affiliates Night, Visit by National HPS President-Elect)

Wednesday, May 22nd  
"Biological Effects of Electromagnetic Radiations: From x-rays to VDT's"  
Alexander C. Miller, Ph.D.  
Armed Forces Radiobiology Research Institute  
Location: Holiday Inn Crown Plaza  
Rockville, MD

Tuesday, December 3rd  
"New Developments in Air Sampling"  
Dr. Stephen A. McGuire, CHP  
U.S. Nuclear Regulatory Commission  
Location: Holiday Inn Crown Plaza  
Rockville, MD

1992

MEETINGS

Tuesday, March 10th  
"Tomorrow's Health Physicist"  
Dr. E. Gail de Planque  
Commissioner, U.S. NRC  
Location: Holiday Inn Crown Plaza  
Rockville, MD

Thursday April 2nd  
"Axiology and Health Physics"  
Keith J. Schiager  
National President-Elect and Director,  
Radiological Health Department  
University of Utah  
Location: Holiday Inn Crown Plaza  
Rockville, MD  

(Visit by National HPS President-Elect)
Wednesday May 6th
"Federal Perspectives on Radiation Dose Effects"

Frank Congel, U.S. Nuclear Regulatory Commission
Bill Gunther, U.S. Environmental Protection Agency
Andy Wallow, U.S. Department of Energy

Location: Holiday Inn Crown Plaza
Rockville, MD

(Joint Meeting with American Nuclear Society)

Wednesday, October 14th
"Radiation Epidemiology at the National Cancer Institute"
Dr. John D. Boice
National Cancer Institute, NIH
Location: Holiday Inn Crown Plaza
Rockville, MD

Wednesday, November 18th
"Management of Radioactive Mixed Wastes at Medical Research Facilities"
Dr. William Walker, CHP
National Institutes of Health
Location: Holiday Inn Crown Plaza
Rockville, MD

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MEETINGS

Wednesday, February 10th
"Health Hazards of Low-Level Electromagnetic Radiation"
Dr. William A. Mills
Oak Ridge Institute for Science and Education
Location: Holiday Inn Crown Plaza
Rockville, MD

Wednesday, April 21st
"Current Status of Federal Agency Efforts to Develop Criteria for Decontamination and Decommissioning of Nuclear Facilities"
R. Pat Whitfield
DOE Deputy Assistant Secretary for Environmental Restoration
Location: Holiday Inn Crown Plaza
Rockville, MD
Wednesday, May 27th
"Health Physics in America: the Good, the Bad, and the Ugly"
Dr. Kenneth Mossman
National President-Elect and Professor,
Arizona State University
Location: Holiday Inn Crown Plaza
Rockville, MD

(Annual Affiliates Night, Visit by National HPS President-Elect)