

President-Elect

Regis A. Greenwood, C H P
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A Certified Health Physicist with 41 years experience. For the last 15 years, this has been primarily experience in Internal and External Dosimetry, with secondary duties in Operational Health Physics. Experience in directing an Environmental and Safety affairs program; managing a Radiation Protection Department as well as Supervising a large Dosimetry Section.

Education and Training

North Catholic High School
Pittsburgh, PA
Graduated - 1957

U.S.Army Nuclear Power School
Fort Belvoir, VA
Graduated - 1964

Duquesne University
Pittsburgh, PA
Graduated - 1971
B.S., Chemistry

University of Pittsburgh
Pittsburgh, PA
Graduated - 1972
M.Sc., Radiological Health Physics

University of Lowell
Lowell, MA.
Various Times, and Short Courses
"Internal Dosimetry, Statistics for
Radiological Sciences, Certification Review,
Advances in Internal Dosimetry, Radon
Dosimetry".

Kennedy - Western University
Boise, ID
Currently pursuing Ph.D. in
Environmental Engineering.

Certified by the American Board of Health Physics, 1983, 1987, 1991, 1995, 1999, 2003, 2007

Qualified Lead Auditor (ANSI N45.2.23) 1981, 1985.

Publications

"Machine Aided X-ray Shielding Calculation", University of Pittsburgh; GSPH -- 1972
"Design of a Multi-Curie I-131 Laboratory Facility," University of Pittsburgh; GSPH -- 1972
"An Undergraduate Degree Program in Radiological Health," U.S. Public Health Service -- 1974
"Use of Respirators and Dose Expansion," REM Seminar Proceedings -- 1990
"Radiation Program Assessment," REM Seminar Proceedings -- 1992
"Use of Respirators," *Radiation Protection Management* -- August 1992
"10CFR20 Implementation Experience at Davis-Besse Nuclear Power Station," HPS Meeting -- 1993
"Internal Dose, Respiratory Protection, and the Revised 10CFR20 at Davis-Besse Nuclear Power Station," HPS Meeting -- 1994
"ALARA, What is it, Why is it, Why do it." Presented at 1997 Power Reactor session of the HPS

Professional Memberships

NCRP, Scientific Committee 6-2
ABHP, Power Reactor Panel of Examiners, 1989 - 1990
ABHP, Part Two Panel of Examiners, 1997 - 2001

ASTM, Committee E-10.03, "Decontamination and Decommissioning of Nuclear Facilities"
ASTM, Committee E-10.04, "Radiation Protection Methodology" Chair of External Measurements Group
Academy of Health Physics, "Continuing Education Committee," 1989-1991
Academy of Health Physics, Board of Directors, 2002 - 2006
Health Physics Society, President, Northern Ohio Chapter, 1990 - 1992, 2000-2003
Health Physics Society, Power Reactor Section, Board of Directors, 2003 - 2006
ANSI Committee N13.48 Definitions Working Group, 1996- Present
Health Physics Society
Ohio Governor's Radiation Advisory Council, Committee 38, drafting Ohio Agreement State Regulations

Work Experience

RADIATION SAFETY OFFICER / DIRECTOR OF SAFETY AND ENVIRONMENTAL AFFAIRS

6/1/03 to Present **American Radiolabelled Chemicals, Inc; St.Louis, MO**

Assigned the responsibilities and duties of the Radiation Safety Officer as defined in various Reg Guides. Responsible for all aspects of Dosimetry, Instrumentation, and Respiratory Protection. Reviewing and rewriting procedures and protocols in the areas of liquid scintillation, spectroscopy, external and internal dosimetry, decontamination, and process instrument calibration Responsible for Industrial Safety, Environmental Protection and Controlled Substance programs

SENIOR NUCLEAR ADVISOR-HEALTH PHYSICS

11/94 to 5/30/03 **Toledo Edison Company, Davis Besse Nuclear Power Station**

Resumed management of Internal and External Dosimetry after a Station re-organization resulted in the new Manager of Radiation Protection and Chemistry meeting the qualifications of Reg Guide 1.8 and ANSI 3.1 Assumed duties of Radiation Protection Manager during illness of incumbent.

SENIOR HEALTH PHYSICIST / RADIATION PROTECTION MANAGER

6/93 to 12/94 **Toledo Edison Company, Davis Besse Nuclear Power Station**

Assigned the responsibilities and duties of the Radiation Protection Manager as defined in various Reg Guides. This last was necessary as the Manager of the Radiation Protection Section did not meet the requirements of the ANSI Standard for RPM. Assigned duties managing the Health Physics Unit, responsible for all aspects of Dosimetry, Instrumentation, and Respiratory Protection

SENIOR HEALTH PHYSICIST / ASSISTANT RADIATION PROTECTION MANAGER

3/88 to 6/93 **Toledo Edison Company, Davis-Besse Nuclear Power Station**

Assigned to the Radiation Control Section with principal duties in radiation dosimetry. Specific assignment as directed by the Manager, Radiological Control. Project Manager for Davis-Besse, January 1993 successful compliance with upgraded 10CFR20. Act as RPM in the absence of the Section Manager.

HEALTH PHYSICS INSTRUCTOR

9/92 to 8/96

Medical College of Ohio, Toledo, OH.

Appointed to a faculty position as Instructor in Health Physics and Radiation Protection.

SENIOR HEALTH PHYSICS CONSULTANT, RAD SERVICES INC.

11/86 to 2/88

Sub-contract with General Dynamics Reactor Plant Services to Davis-Besse Nuclear Power Station, Toledo Edison Company

Provided consulting services to the station Radiological Control Organization in the areas of instrumentation and dosimetry. The work involved the writing of more than 80 procedures.

8/86 to 9/86

Home Office, RAD Services, Inc., Pittsburgh, PA.

Under contract to USNRC, evaluated and rewrote instructional modules on decontamination and off-site dose calculation.

5/86 to 10/86

Sub-contract with General Dynamics, Reactor Plant Services, Clinton Power Station, Illinois Power Company.

Reviewed and evaluated the station External Dosimetry Program to include: all procedures; all dose records; and QA/QC of the dosimetry program; prior to start up. Performed detailed on-site audit of the dosimetry vendor.

7/85 to 5/86

Home Office, RAD Services, Inc., Pittsburgh, PA.

Staff Consultant in the areas of Medical Physics, NARM programs and non-fuel cycle materials. Principal activities in developing facility decommissioning procedures.

3/85 to 6/85

Contract with Yankee Atomic Electric Company, Yankee Rowe Plant

Provided consulting service to the plant staff in the areas of gamma spectroscopy, external and internal dosimetry, and process instrument calibration

8/84 to 3/85

Home Office, RAD Services, Inc., Pittsburgh, PA.

Manager, Quality and Compliance - Directly supervised the activities of the Quality Assurance; Quality Control; and Licensing and Compliance Groups.

3/84 to 8/84

Contract with Public Service Gas and Electric Company, Salem Station

Provided consulting service to the Radiation Protection Staff in the areas of: dosimetry and respiratory protection.

1/84 to 3/84

Home Office, RAD Services, Inc., Pittsburgh

Conducted research and development in the areas of facility decontamination and decommissioning

10/82 to 12/83

Contract with Public Service Electric and Gas, Salem Station.

Revised and implemented: counting laboratory procedures; analysis documentation; and internal dosimetry procedures. Performed technical review of all Radiation Protection procedure changes. Provided consultation for special dosimetry problems.

11/79 to 9/82

Contract with Duquesne Light Company, Beaver Valley Station

Rewrote the Radiation Control Manual. Evaluated TLD program quality control. Set up ALARA engineering section. Advised RPM in the areas of Emergency Planning and Post LOCA shielding. Dose engineer for the Emergency Plan Scenario Team. Supervised HP Technicians in the absence of the RPM.

4/79 to 10/79

Various minor contracts

Provided health physics coverage for refueling, maintenance, and seismic evaluation outages at various types of commercial power reactors.

HEALTH PHYSICS CONSULTANT

7/71 to 4/79

Self-employed consultant in the areas of medical radiation safety for hospitals and universities.

Principal work in the design of Nuclear medicine; Diagnostic X-ray; Megavoltage therapy; and Analytic facilities. Provided calibration and measurement services for machine produced radiation.

1/71 to 3/75

Duquesne University, Pittsburgh, PA.

Instructor in bio-nucleonics and Radiation Safety Officer. Co-author of curriculum setting up a BS degree program in Radiological health.

6/69 to 7/71

Applied Health Physics, Inc., Bethel Park, PA.

Consulting services, principally in facility decontamination (Radium and Americium) both indoor and outdoor; and medical physics.

Provided sealed source testing, neutron gauging, X-ray shielding design and facility surveys.

6/68 to 5/69

ICN, Nuclear Science Division, West Mifflin, PA.

Radiation Safety Officer and Health Physicist for a multi-building facility processing isotopes with Z from 3 - 92 in multi-curie quantities. Included supervision of all dosimetry, , bioassay, waste disposal, design of laboratories and reloading of kilo-curie teletherapy irradiators.

Directed the decontamination and decommissioning of the entire facility for unrestricted use.

REACTOR OPERATOR / HEALTH PHYSICS TECHNICIAN

4/62 to 4/68

U. S. Army, various locations.

Operations Shift Supervisor -- MH-1A reactor plant
Health Physics Supervisor -- MH-1A reactor Plant
Senior Reactor Operator -- MH-1A and SM-1 reactor plants

In addition to routine operations, chemistry, and health physics duties, participated in the following special or unusual projects

MH - 1A -- Construction, Start-up Core physics
PM - 2A -- Decommissioning, disassembly, and removal from the
Greenland ice cap.
SM - 1A -- Steam Generator Replacement
SM - 1 -- Rebuild portions of containment shell and shield.

Regis A Greenwood, CHP - **Statement of Goals**

If elected as President of the American Academy of Health Physics (AAHP), I will try to make the CHP credential worth even more than it is today. Specifically, I would focus on the following fundamental goals:

1. Support the American Board of Health Physics (ABHP) in its responsibilities regarding development and administration of the certification process. assist the ABHP to continue its certification by the Council of Engineering and Scientific Specialty Boards and to acquire certification under ISO/IEC 17024:2003 that is being administered by ANSI.
2. Broaden the outlook of the ABHP by encouraging the Nominating Committee to look outside the Examining Panels for a portion of the Board's make-up.
3. Continue working towards professional recognition. Obtaining certification by the CESB and ANSI would be a third-party attestation of the validity and fairness of our processes. Such certification should assist in bolstering our efforts on professional recognition.
4. The AAHP needs to continue to sponsor short course training sessions at meetings of the Health Physics Society. Through these the AAHP provides a tremendous service to its membership and indeed to all health physicists by providing up-to-date information and expert training.
5. In my opinion, we still have far too few CHPs among those of us who are employed as health physicists. We need a positive recruitment program among those bright young people working in the Nuclear Power industry.