

## MARY ANN SPOHRER

Illinois Emergency Management Agency  
Bureau of Radiation Safety  
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### EDUCATION:

M.A., Health Services Administration, **University of Illinois at Springfield**, Springfield, Illinois.  
May 1994

B.S., Biology, **Gannon University**, Erie, Pennsylvania.  
May 1987

### Field Related Education:

Participate as both Committee Chairperson and member of various medical related committees of the Conference of Radiation Control Program Directors beginning in 1999.

Attended various professional educational courses sponsored by the AAPM and held in conjunction with the annual Conference of Radiation Control Program Directors. Topics include computed tomography, digital and computed radiography, radiation therapy, and quality assurance.

FDA Certified Inspector for the Mammography Quality Standards Act, January 1995.

Medical uses of Radionuclides, Oak Ridge, Tennessee, January 1992.

Health Physics and Radiation Protection, Oak Ridge, Tennessee, July to August 1989.

Basic Course for Investigators: Diagnostic X-Ray Surveys, Silver Springs, Maryland, February 1989.

### EXPERIENCE:

April 2014 to Present

#### **Nuclear Safety Health Physicist II**

Illinois Emergency Management Agency, Electronic Products Manager

- Administer the statewide program for radiation producing machines used in all applications including registration, inspection and compliance
- Administer statewide programs for Radiological Technologist Accreditation and Industrial Radiography Certification
- Administer laser system registration and enforcement program
- Administer the registration and approval program for physicists and radiation machine service providers operating within the state of Illinois.
- Manage employees involved in various programs administered by the Division of Electronic Products

- September 1993 to April 2014 **Nuclear Safety Health Physicist II**  
Illinois Emergency Management Agency formerly Illinois Department of Nuclear Safety, Springfield, Illinois
- Manage the inspection staff responsible for surveying all types of x-ray equipment throughout the state
  - Assist in managing the statewide medical/industrial x-ray program including registration, enforcement, inspections and the development of program direction and policies
  - Manage the inspection program for the Mammography Quality Standards Act of the Food and Drug Administration as a certifying state program
  - Conduct various surveys on x-ray producing equipment including mammography, general radiography, fluoroscopic, industrial and computed tomography x-ray systems. Conduct surveys and evaluations at facilities possessing lasers used for both medical and industrial applications
  - Review and evaluate complex inspection reports from inspection staff to determine accuracy and consistence with Agency regulations
  - Train new and existing inspection staff on various Agency regulations and procedures as well as set-up outside training opportunities for subordinate employees
  - Evaluate new test equipment for possible field use; assist with revisions of current regulations and inspectional procedures
  - Participate as a field team member and Executive Officer positions for the Illinois Plan for Radiological Accidents
- March 1991 – September 1993 **Nuclear Safety Manager I**  
Illinois Department of Nuclear Safety, Springfield, Illinois
- Assist in managing the statewide medical/industrial x-ray inspector program
  - Oversee the contract based inspection programs including FDA compliance testing and HCFA mammography surveys
  - Review and evaluate complex inspection reports to determine accuracy and consistence with Departmental regulations
  - Maintenance of computer data base to determine needed statistical data
  - Advise registrants regarding inspection protocols, findings, and enforcement actions
  - Supervision of Departmental inspectors and training in continuing education for all field inspectors
  - Assist with the development of new regulations, revisions of current regulations and revision of existing inspection procedures
- June 1990 to March 1991 **Radiation Engineering Specialist**  
State of Wisconsin, Division of Health, Madison, Wisconsin
- Plan, schedule and conduct statewide survey inspections of ionizing radiation installations to determine and insure compliance with state codes and regulations

- Plan, schedule and conduct statewide survey inspections of medical use x-ray equipment for compliance with Food and Drug Administration requirements
- Participate in emergency response program involving both radioactive materials and nuclear power plants
- Assist with development of radiation protection regulations
- Develop educational materials relating to radiological health and control for the public

April 1988 to June 1990

**Environmental Scientist**

Indiana State Board of Health, Indianapolis, Indiana

- Administered state operator certification program
- Conducted x-ray machine surveys for compliance with Food and Drug Administration requirements
- Involved with state emergency response team
- Involved with Nationwide Evaluation of X-Ray Trends (N.E.X.T.) surveys for two years
- Involved with projects concerning mammography, various types of x-ray machine surveys and follow-up investigations for non-compliant facilities within the state
- Performed various calculations involving exposure and dose of exposed individuals

**REFERENCES:**

Credentials will be furnished upon request.