

**James Mallon**

**PSEG Power, LLC**

**Energy and Environmental Resource Center**

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## **EDUCATION**

ANSI 3.1 SRO Certification - 2003

Graduate Business Courses for an M.B.A., University of Southern Maine

B.A. Physics, Franklin and Marshall College, Lancaster, Pa., 1981

## **PROFESSIONAL EXPERIENCE**

### PSEG Power, LLC

2011 – Present

Since 2011 Mr. Mallon has been the Manager of Nuclear Development for PSEG. This includes the Early Site Permit project, partnering with Holtec International on SMR design, land acquisition for Nuclear Development, and advanced technology monitoring.

2008 – 2011

Mr. Mallon was the Early Site Permit Manager during the initial phases of the project, including the choice to pursue an ESP, vendor selection, application preparation, and response to NRC requests of additional information.

### Exelon Nuclear

2006 – 2008

Mr. Mallon was on loan as Licensing Manager for Salem and Hope Creek stations, responsible for all NRC submittals from both stations. During this time he led licensing efforts to obtain a license amendment for a 15% Extended Power Uprate on Hope Creek.

2004 – 2006

In 2004 Mr. Mallon became the Regulatory Assurance Manager for the Peach Bottom Atomic Power Station. In the capacity he was responsible for site interface with NRC, INPO, OSHA,

and PA DEP. He successfully led site teams to close NRC Supplemental inspections for Emergency Diesel performance problems, and for an excessive number of SCRAMs

2003 – 2004

Mr. Mallon was the Director of Training for the Peach Bottom Atomic Power Station, where he was responsible for all site accredited and non-accredited training.

2000 – 2003

Following the merger that created Exelon, Mr. Mallon was the Corporate Radiation Protection Manager. In that capacity he initiated practices to effectively oversee fleet RP activities post merger. This practice enabled Radiation Protection to quickly move to a standard program and enhanced communication throughout the fleet. Mr. Mallon established a process for development of the standard procedures involving site subject matter experts. Using this process all programs were standardized within scheduled times with no contracted resources.

#### Maine Yankee Atomic Power Company

1996 – 2000

Mr. Mallon was the Radiation Protection & Waste Manager prior to and during the decommissioning of the facility. He managed the Radiation Protection program during highly challenging work such as site wide asbestos abatement, chemical decontamination of coolant systems, and removal of all reactor coolant piping and components. Mr. Mallon also worked with stakeholders to resolve concerns about the end state of the site and provide the organization with regulatory certainty.

#### Environmental Dimensions Inc.

1995 – 1996

In 1995 Mr. Mallon consulted to Sandia National Laboratories as a Senior Health Physicist. He authored the Internal Dosimetry Technical Basis Document to meet 10CFR835 requirements and developed process management tools for program activities and for evaluating radiochemistry services provided by contract labs.

#### PECO Energy Co

1988 – 1995

Mr. Mallon worked in a number of positions of increasing responsibility at the Limerick Generating Station. He began as a Radiological Engineer, became a First line supervisor in Radiation Protection and ultimately was the Health Physics Support Manager responsible for the Dosimetry, Respiratory Protection, HP Instrumentation, and Process and Effluent Radiation Monitoring Programs. As Support Manager he managed the implementation of the 10CFR20

revision, including scope determination, work schedule development, and supervised extensive rewrites of 45 procedures, changes to the corporate exposure tracking database, and training for 1800 workers.

1987 – 1988

Mr. Mallon was a contracted engineer working in PECO's corporate office. He established a program to provide an ALARA review during the design of plant modifications.

Stone and Webster Engineering Corporation

1982 – 1986

Mr. Mallon held a series of positions of increasing responsibility starting from Engineer to eventually becoming the Principal Radiation Protection Engineer. As the Principal Engineer for the Nine Mile Point Unit 2 project, Mr. Mallon supervised twelve engineers working on design basis calculations for equipment qualification, shielding, licensing and effluent monitoring.