

Paul Giannotti

Senior Electrical Engineer

Profile

Thirty-four years experience in design, construction, and testing of various instrumentation & control and power distribution systems. Strong skills in developing technical reports, test procedures, and detailed electrical/instrument drawings. Field savvy with ability to solve practical problems quickly.

Experience

Senior Project Engineer BNL Physics Dept. 1997 - present

Electrical/emergency shutdown system design, construction and maintenance for the PHENIX detector at the Relativistic Heavy Ion Collider (RHIC).

Day to day work is conducted 50% in the field and 50% behind the desk. Direct supervision of in-house field technicians and electricians.

Qualified as a BNL electrical equipment inspector. Worked with the Facility & Operations Division and contractors for compliance with NFPA-70E Arc Flash Program during initial BNL building inspections to develop one-line drawings from scratch when original documents did not exist.

Part time electrical engineer /subject matter expert for Environmental Restoration Projects (HFBR/BGRR de-commissioning & Stack Demolition) from 2006 to present.

Project Engineer - BNL Reactor Division 1990 - 1997

Responsible for the design and implementation of reactor plant modification projects for the High Flux Beam Reactor (HFBR) and Medical Research Reactor (BMRR).

HFBR lead engineer on a two year project to overhaul and retrofit the 2400 and 480 volt switchgear breakers with a remote Power Monitoring and Control System.

Long Island Lighting Company, Shoreham Nuclear Power Station (SNPS) 1986-1989

As a Plant Modification Engineer, implemented post TMI modification projects to prepare for fuel loading and eventual licensing of the facility.

As a relay/protection division supervisor, (re-located to Hicksville office for 15 months) directed technicians in the calibration of substation protective relays & devices.

Stone & Webster Engineering Corp., Boston, MA 1981-1985

As Plant Startup & Test Engineer, accepted field assignments at various nuclear and fossil fueled power stations. Performed pre-op testing on condensate filter demineralizers, solid radwaste equipment and emergency backup generator controls.

General Dynamics Electric Boat Division, Groton, CT 1979-1981

Provided construction engineering support to shipyard trades and technicians during installation of General Electric S8G & S6G PWRs in Trident and Los Angeles Class Submarines. Worked on SSBNs 726 (Ohio), 727 (Michigan), SSNs 699 (Jacksonville), 700 (Dallas).

Education

Bachelor's Degree - Electrical Engineering. Rochester Institute of Technology, NY, 1979

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