

DOUGLAS J. DOW

(630) 234-6733 10312 S. Trumbull Avenue Chicago, IL 60655 DouglasDow2018@u.Northwestern.edu

United States Navy

10/1999 - 9/2005

Vibration Analysis Program Supervisor

7/2003 - 9/2005

- Managed vibration analysis program onboard USS Enterprise, which included over 350 motors and generators
- Coordinated with outside agencies for entire nuclear plant testing during planned shutdown and while overseas, ensuring all work was completed safely and ahead of schedule

Electrical Load Dispatcher

7/2003 - 9/2005

- Controlled and coordinated 450 Volt, 60 Hz Electrical Power Distribution System onboard the US Navy aircraft carrier USS Enterprise, which included eight 2.5 Megawatt Ship Service Turbine Generators, four 1 Megawatt Emergency Diesel Generators, forty one Electrical Load Centers and four 400 Hz, 450 Volt special frequency motor generators
- Supervised 12 watch standers in the areas of electrical, mechanical and damage control operations
- Recognized during Operational Reactor Safeguards Examinations for outstanding operational ability, casualty procedure implementation, overall electric plant knowledge and training ability

Nuclear Power Plant Technician

8/2001 - 9/2005

- Qualified to stand watch as Electrical Load Dispatcher, Electrical Switchgear Operator, Electrical Roving Watch, Reactor Electrician, and Shutdown Reactor Operator
- Performed preventive and corrective maintenance on various electrical components of propulsion plant including: motors, generators, controllers, circuit breakers, control panels, and load centers
- Researched electrical systems, including tracing out by hand and reading schematics and wiring diagrams, to prove the safety and effectiveness of "Danger Tag outs"
- Trained and led junior personnel in nuclear operations, electric plant operations, electrical maintenance and personal accomplishment

Education

Northwestern University

Evanston, IL

Master of Engineering Management

Anticipated Completion 12/2018

- Concentration in Project and Process Management

University of Illinois at Chicago

Chicago, IL

Bachelor of Science in Mechanical Engineering

1/2006 - 12/2009

- Graduated Cum Laude with a GPA of 3.67/4.0
- Licensed Professional Engineer Intern in the State of Illinois

United States Navy Nuclear Power Training Program

Charleston, SC

Shipboard Power Plant Electrician School

1/2000 - 7/2001

- Instruction included on the job training with a focus on the science and engineering fundamental to the design, operation, and maintenance of naval nuclear propulsion plants
- Classroom curriculum included over 600 hours of college level mathematics, physics, chemistry, reactor physics and other related subjects, with an emphasis on power distribution (GPA 3.49/4.0)

Organizational Memberships

- American Legion – Member of Evergreen Park Post 854
- Tau Beta Pi – Member of the National Engineering Honor Society, Illinois Zeta Chapter
- Chicago Stockyard Kilty Band – Bagpiper with the oldest continuous pipe band in the United States

References Available Upon Request