

Chason Zacher, PMP

847-276-6311

chase.zacher@gmail.com

www.linkedin.com/in/chasonzacher

Using a project management approach, drives business value and innovation. Draws from a diverse background in academics, research, operations, machine learning, and data analytics. Focused on ensuring safe a reliable nuclear power is part of the international energy portfolio.

Education

Northeastern University Boston, MA
MS, Energy Systems Engineering 2021

Northern Illinois University DeKalb, IL
BS, Applied Mathematics 2015
BS, Professional Physics 2015

Certifications

PMI: Project Management Professional 2021
Focus Learning: Vision Report Generating 2021
PSEG: Hope Creek SRO Certification 2021
Exelon: LaSalle SRO Certification 2019

Experience

Nuclear Operations Training Instructor

Hope Creek Generating Station, ILOT July 2020→Current

LaSalle County Generating Station, LORT April 2018→July 2020

Responsibilities: Maintains mastery of skills and extensive subject matter knowledge in carrying out assignments associated with the ADDIE process and proposed modification of plant specific nuclear licensed operations training programs. Actively review the daily industry, procedure revision, fleet event, and regulatory reports for OPEX and other changes that could impact or could be utilized by the training program. Prepares and conducts examination in the classroom, simulator, laboratory and OJT. Support station and fleet in the areas of business initiatives, project management, refuel outage support, and EP duties. Participates in NRC, INPO and management audits, and prepares responses to audit findings. Maintains knowledge of plant operations, disciplinary skills and techniques, commensurate with the responsibility to develop and conduct effective, high quality training. Supervises the collection and maintenance of auditable training records and reports required to document training program activities.

Notable Activities:

- 2021 Team Lead for ACAD 10-001 and NUREG 1021 revision site analysis and implementation. Authored and implemented an overhaul of the existing training program description.
- 2020 Accreditation Team Visits: Principal Station Team Member for Hope Creek Operations ATV. Peer Team (LOI) for Browns Ferry Operations ATV.

- 2019 EPG/SAG Rev 4 Project Lead: Created and executed project for V&V and training of new emergency operating procedures.
- 2019 Objective Overhaul Project Lead: Create and execute the plan for complete overhaul of existing training material to resolve INPO Objective II site identified findings.
- 2018-2020 Licensed Coordinator: Executed site activities for maintenance of operator licenses.
- 2018-Current Vision SME: Maintain and update the Vision database for the operations training department. Create custom reports and retrieve data for the site. Execute import/export functions of the software.

Non-Licensed Nuclear Power Plant Operator

Quad City Generating Station June 2015→April 2018

Responsibilities: Daily monitoring and operations of field equipment. Member of the fire brigade. High voltage switching and rad wastewater treatment.

Notable Activities:

- 2018 alternate outage lead worker for the miscellaneous group.

Undergraduate Research Assistant

Northern Illinois University/Fermilab National Laboratory June 2010→May 2015

Responsibilities: Worked in multiple labs as an undergraduate with focus areas spanning from biophysics to optics to high energy particles. Used Monte Carlo simulation and worked in a national laboratory setting.

Other Skills

Machine Learning Techniques, Vision 9 Report Generating Language, Python, Passport, ESOMS, Microsoft Office Suite, BDF, Matlab, Monte Carlo Simulation, C++, SAP Suite