

Richard O'Reilly

Spokane, WA

-Email me on Indeed: <http://www.indeed.com/r/Richard-O%27Reilly/c5630d64f583b81b>

Seeking a technically challenging position which will utilize my demonstrated ability to provide strong guidance, leadership, and training to both technical and non-technical personnel.

- Team leadership • Organized
- Professional development • Strong communicator
- Data analysis • Technically savvy
- Knowledge of industry and regulatory • Knowledge of work processes, codes and standards and design calculations criteria used in the nuclear industry

Work Experience

Electrical Engineer

Leidos Des Moines - WA

January 2019 to December 2021

- Provide engineering support to the FAA Infrastructure Engineering Center
- Perform planning, design, and evaluation of new and existing electrical / power systems across a wide range of facilities and associated equipment
- Develop new FAA electrical engineering packages for use in the installation of major systems, components, and equipment in a variety of differing types of facilities (e.g. ARTCC, TRACON, Towers, and Remote Facilities)
- Provide support to the FAA Battery Project Office (BPO) by drawing and reviewing battery drawings and entering those into Project Wise (PW)

Senior System / Quality Engineer

Bechtel National, Inc. (BNI) - Richland, WA

January 2015 to December 2019

- Prepared Waste Treatment Plant (WTP) Emergency Turbine Generator System/Facility

Design Description

- Review project deliverables for consistency of design elements across disciplines for compliance with procedures
- Identify, assemble, and publish quality metrics from all disciplines to identify areas for improvement
- Monitor work to ensure that process/procedures are routinely followed, corrective actions are implemented and that lessons learned/best practices are obtained, documented, and incorporated
- Report and summarize trends in the metrics to identify areas for improvement via monthly Quality Bulletins

Electrical Engineer

CH2MHill Plateau Remediation Company - Richland, WA

January 2009 to December 2013

- Balance of Site "Cold & Dark" Engineering Lead
- Isolated hazardous energy sources to ensure facilities can be safely demolished
- Surveillance & Maintenance Alternate Electrical Design Authority for B-Plant, PUREX,

REDOX and T-Plant

- Cognizant Electrical Engineer at Plutonium Finishing Plant (PFP)
- Implemented Vibration Monitoring Program for rotating equipment at active Central Plateau Facilities

Electrical Engineer

BNL Technical Services/Fluor - Richland, WA

January 2008 to December 2009

- Electrical Engineering field support for K-Basin Closure Project

Principal Engineer

Energy Northwest - Richland, WA

January 1986 to December 2005

- Component Condition Monitoring (CCM) Program Coordinator
- Subject Matter Expert in Vibration Analysis
- Provided Vibration Analysis training to Operations, Maintenance, Engineering and industry peers
- Performed Seismic test of control room recorders for Equipment Qualification
- Performed Environmental test of solenoid pilot valves for Equipment Qualification
- System Engineer responsible for Integrated System testing (Loss of Power / Loss of Coolant Accident Test)
- System Engineer for Adjustable Speed Drive installation on Reactor Recirculation Pumps
- System Engineer for Uninterruptible Power Supply (UPS) equipment
- Project Manager for Security System expansion
- Lead Technical Reviewer for Electrical section of Final Safety Analysis Report Upgrade Project
- Selected as team member for the Electrical Safety System Functional Inspection (SSFI)

Senior Engineer

United Engineers - Richland, WA

January 1984 to December 1986

As Cognizant Electrical Engineer, provided design and installation status on the following systems in anticipation of future resumption of construction:

- Control Rod Drive • Plant Service Air
- Emergency Data System • Plant Security System
- Emergency Load Sequencer • Reactor Protection System
- Engineered Safety Features

Actuation System (ESFAS)

Engineer

Burns & Roe, WNP-2 - Richland, WA

January 1977 to December 1984

- Provided field engineering support for the design, construction, installation, startup and testing of the plant security system
- Resolved multi-discipline (civil, mechanical, and electrical) problems on-the-spot

Education

BS in Electrical Engineering

New Jersey Institute of Technology - Newark, NJ

Certification

University of Notre Dame - South Bend, IN

Skills

- Leadership
- Communication skills
- Organizational skills
- Data analysis skills
- Security system
- Maintenance
- Electrical experience
- System testing
- Project management
- Construction
- Surveillance
- Electrical engineering