



PG&E Talent Connect

Job Posting Title

(Nuc) Digital Engineer, Senior (ESC) - DCPD (Avila Beach, CA)

Job Posting Date: 02/08/2017

Requisition #: 53971702-E01

Job Category: Engineering / Science

Job Level: 2. Individual Contributor

Company

Based in San Francisco, Pacific Gas and Electric Company, a subsidiary of PG&E Corporation (NYSE:PCG), is one of the largest combined natural gas and electric utilities in the United States. And we deliver some of the nation's cleanest energy to our customers in Northern and Central California. For PG&E, "Together, Building a Better California" is not just a slogan. It's the very core of our mission and the scale by which we measure our success. We know that the nearly 16 million people who do business with our company count on our more than 24,000 employees for far more than the delivery of utility services. They, along with every citizen of the state we call home, also expect PG&E to help improve their quality of life, the economic vitality of their communities, and the prospect for a better future fueled by clean, safe, reliable and affordable energy.

Pacific Gas and Electric Company is an Affirmative Action and Equal Employment Opportunity employer that actively pursues and hires a diverse workforce. All qualified applicants will receive consideration for employment without regard to race, color, national origin, ancestry, sex, age, religion, physical or mental disability status, medical condition, protected veteran status, marital status, pregnancy, sexual orientation, gender, gender identity, gender expression, genetic information or any other factor that is not related to the job.

Department Overview

Diablo Canyon Power Plant (DCPP) safely and reliably produces electricity that is environmentally responsible and cost effective for our customers and shareholders. DCPD's mission is to be the leading nuclear power plant in the country and to: Inspire and positively influence the industry through our safe, reliable, and excellent operational performance. Embrace new ideas to continuously improve our plant and our work environment. Proactively learn from ourselves and others. Enrich our communities and the environment, increasing the public's trust and confidence in nuclear power.

Position Summary

This is an ESC represented exempt classification currently subject to collective bargaining. Salary range is \$117,108 (min) to \$150,44 (max).



This senior engineer position is for the individual who has demonstrated a comprehensive knowledge of commercial nuclear power plant digital systems engineering, including cyber security, and works independently with limited supervision or guidance.

The normal work schedule is a 4 day, 10 hour shift – Monday-Thursday 0630-1700 hours.

Candidate

may be requested to work weekends, including extended hours to address emergent plant issues.

You may have to occasionally wear Personal Protective Equipment such as hard hat, ear and eye protection, and gloves which are required in various parts of the nuclear power plant.

To obtain and maintain employment, you must be able to pass a drug and alcohol screen, a security background check for unescorted access to a nuclear plant, psychological screen, and be subject to random drug and alcohol screening in fulfillment of federal requirements.

Position requires qualifying and maintaining a radiological worker qualification

You must be able to travel 5-10% of the year, with overnight stays up to a week at a time.

Qualifications

Minimum:

- 8 years experience in engineering or science
- A 4-year BS Degree in Electrical, Electronic Engineering, Computer Science, or a related technical discipline from an accredited curriculum in the US, or the equivalent as defined in ANSI standards

Desired:

- 3 years digital engineering experience, or equivalent related computer systems experience
- 2 years experience with Cisco network components
- Working knowledge of Microsoft Word, Excel, and Access
- Working knowledge of SAP software.
- Excellent oral and written communication skills
- 3 years commercial nuclear power plant experience
- Cisco CCNA, CCDP, or CCDE Certification
- Expert knowledge of Structured Query Language (SQL)
- Knowledge of Microsoft Windows Server administration
- Familiarity with communications protocols (RS232, RS485, etc)
- Working knowledge of programming languages (C, C++, C#, MS VB, etc)
- Working knowledge of SQA processes
- Knowledge of Nuclear Cyber Security implementation procedures
- Experience with Allen Bradley and/or other Programmable Logic Computers (PLC)
- Demonstrated ability to apply complex problem solving techniques.
- Work with limited supervision and guidance, both independently and/or as a member of a team.
- Demonstrated ability to make timely and accurate decisions and recommendations.
- Demonstrated ability to apply basic analytical and investigative principles to solve routine problems.
- Ability to prioritize, plan, and recommend solutions



- Knowledge of industrial and regulatory cyber security requirements

Critical success factors: strong customer focus, commitment to excellence, results orientation, attention to detail, demonstrated ability to work effectively in a team, strong written communication skills, and demonstrated ability to manage workload and time effectively.

Responsibilities

- Review and perform technical analyses, studies, and develop conceptual solutions regarding security hardware and software.
- Identify and correct (security) computer system, network and equipment problems and issues.
- Schedule and coordinate engineering design and construction projects with key stakeholders such as Operations, Maintenance and Engineering.
- Reviews design documents and design changes to ensure security design basis is maintained.
- Presents findings and conclusions to internal organizations, contractors, outside vendors, regulators and management.
- Develops and revises Software Quality Assurance plans on designated systems.
- Develops and implements Software Change Packages for security computer systems.
- Performs independent reviews and evaluations of technical documents, calculations, procedures and/or design drawings
- In addition to the Company job expectations regarding safety applicable to all employees, identify opportunities to implement safe work practices into procedures and champion their implementation.

Employment Type: ESC

Schedule: Full-time

Work Location: Diablo Canyon PP

City: Avila Beach

Zip Code: 93424-0056