Bulk Power System Cybersecurity Specialist

Position Summary

The Bulk Power System Cybersecurity Specialist is responsible for providing cyber and physical security subject matter expertise in support of the Electric Reliability Organization (ERO) Enterprise evaluation and management of risks to reliability, security, and resilience of the bulk power system (BPS). This role will assist, lead, and manage various projects related to supporting industry integration of cyber and physical security into all aspects of system planning, operations, and restoration. It will also help industry with integrating new technologies and addressing emerging reliability and security issues. The role will coordinate with other departments within NERC as well as with the E-ISAC. This position reports to the Senior Manager of Bulk Power System Security and Grid Transformation.

Your Role

- Support efforts to effectively management cyber and physical security risk in the planning and design phase of the bulk power system.
- Develop recommended practices, in coordination with industry members, to improve operational preparedness and develop approaches to recover from cyber and physical attacks.
- Provide support to North America-wide cybersecurity outreach and training initiatives, and help lead cyber and physical security related projects; assist in the development of cybersecurity training materials and programs.
- Provide guidance and coordination in managing programs and processes to monitor, review, and evaluate effectiveness of industry efforts to manage risks to reliability to the bulk power system from a cyber and physical security perspective.
- Identify and prioritize potential cyber and physical security risks to operational technology (OT) systems; develop frameworks around how industry can mitigate its attack surface related to these risks.
- Coordinate with other NERC departments and the Electricity Information Sharing and Analysis Center (E-ISAC) on relevant security-related initiatives.
- Effectively communicate with industry stakeholders through coordinated stakeholder engagements, presentations, seminars, and other industry forums.
- Interface with NERC committees, subcommittees, and working groups and industry stakeholder groups as necessary on project activities.
• Other duties, as assigned.

About You

You are a qualified candidate if you have—

• A Bachelor’s Degree from an accredited four-year college or university.
• At least five years of experiencing developing, implementing, or leading cyber security related initiatives and projects.
• Experience with industrial control system cyber and physical security defense strategies.
• Experience evaluating and analyzing OT networks for security vulnerabilities.
• Familiarity with the concepts of critical infrastructure protection.
• Experience working in or with utility environments that operate and control the bulk power system or other critical infrastructure.
• Project management and analytical experience.
• Ability to work independently and proactively in a fast-paced environment.
• Competence in interpersonal communications, with the ability to interact diplomatically with people from many levels of industry and government.
• Excellent oral and written communication skills, including editing and proofreading skills.
• Proficiency using Microsoft Office tools including Word, Outlook, Excel, and PowerPoint.
• Ability and willingness to travel regularly.

You are an EXCELLENT candidate if you—

• Familiarity with the implementation of NERC critical infrastructure protection standards.
• CISSP, CISM, GIAC, CPP or other security-related certification.
• A master’s degree or higher education in security related fields.
• Minimum five years technical cybersecurity and/or physical security experience, preferably in the electricity sector, utility industry, or industrial control system environment.
• Understanding of law enforcement operations (especially regarding U.S. DOE, U.S. DHS, U.S. FERC, FBI).
Other

- Background check will be conducted prior to employment.
- In compliance with federal law, all persons hired will be required to verify identity and eligibility to work in the United States and to complete the required employment eligibility verification document form upon hire.
- Travel necessary: Passport required for North American travel.
- This position has been classified as exempt.
- Job is located in Atlanta, GA; remote employees may be considered based on qualifications.

Qualified candidates should submit their resume in electronic format to hr@nerc.net