



Nuclear Material Accountability Officer (NMAO)

TerranearPMC, LLC (TPMC), a national environmental consulting and remediation firm, is seeking a Nuclear Material Accountability Officer to support company projects. This position will be based at the +project location, outside of Pittsburgh, Pennsylvania. Relocation assistance may be provided.

Job Description:

The NMAO is responsible for development and implementation of the site's MC&A Program and implementing procedures to address all relevant elements in 10 CFR 74, *Material Control and Accounting of Special Nuclear Material*, applicable NRC regulations (NUREGs) and Regulatory Guides, as well as industry standards. The MC&A program will include all MC&A elements related to inventory management, loss detection, measurement of special nuclear materials (SNM), nuclear material control, and reporting requirements. This position supports project leadership in the execution of project requirements; other duties as assigned/required.

The NMAO must:

1. assist the Contractor Training Coordinator with the development and performance of MC&A related training for project personnel,
2. participate in work planning, assuring MC&A requirements are addressed in work packages for the design of new facilities or systems (or modification of same) and execution of field tasks,
3. coordinate with the Waste Manager to maintain accurate MC&A inventory controls,
4. be the primary interface with the Contractor's physical security coordinator and the Contracting Officer for routine communications regarding site SNM inventory status and MC&A related event reporting,
5. have the authority to stop work if the SNM inventory is compromised, including indication of potential loss, theft or diversion of SNM.

Candidates will be evaluated primarily based upon knowledge and related experience as assessed by the hiring team and its applicability to this project.

Minimum qualifications required for consideration of this include:

- Minimum of five (5) years' experience in the development and/or implementation of MC&A Programs, preferably at HTRW cleanup, facility D&D or related projects with exposure to hazards;
- Minimum of two (2) years management or supervisory experience;
- Specialized training to include, but not limited to:
 - SNM accounting to address 10 CFR Part 74 or equivalent DOE requirements; non-destructive and destructive assay for nuclear materials and data acquisition;
 - Mass U-235 enrichment determination; and
 - MC&A reporting including electronic reporting using SAMS;

- Working knowledge of applicable federal regulations, guidance documents and industry standards related to MC&A.

TPMC provides qualified candidates a robust and exciting work environment, a competitive compensation package, including healthcare, dental, life insurance, disability insurance, flexible spending accounts, tuition reimbursement, and a 401(k) plan with employer match.

Please email a cover letter, resume and salary requirements to HR@TerranearPMC.com



About TerranearPMC, LLC (TPMC)

TPMC is a private, “project delivery” company incorporated in Texas with offices in Exton, PA; Los Alamos, NM; Los Angeles, CA; and Pittsburgh, PA. As of December 2023, TPMC employs over 100 science and engineering professionals/technicians. We are classified as a small business / small disadvantaged business (SDB) and operate under the primary NAICS code of 562910 (Environmental Remediation Services). In business since 1992, TPMC has four primary service areas: Environmental, Radiological/Nuclear, Water, and Geophysics. Our target markets include: Dept of Energy, Dept of Defense, and select Commercial-Industrial clients with diverse environmental challenges.

www.terranearpmc.com.

| Vision | Mission |
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| <p>Our vision is to be recognized and respected as a top-tier small business delivering quality of performance and proven value to our clients, ultimately raising the bar across the industry.</p> <p>We will be a magnet for talent and will continue to attract great people who share our commitment to innovation and client service.</p> | <p>To deliver outstanding service, performance and value for our clients.</p> <p>To perform our work safely, ensuring a safe work environment for our employees, subcontractors, clients, and the public.</p> <p>To build successful long-term relationships and partnerships with our clients, teaming partners and our employees.</p> <p>To create an environment that fosters personal growth and career opportunity for our employees.</p> |

TPMC provides qualified candidates a robust and exciting work environment, a competitive compensation package, including Healthcare, Dental, Life Insurance, Disability Insurance, Flexible Spending Accounts, Tuition Reimbursement, and a 401(k) Plan with Employer Match. Benefits begin on the first of the month following hire date.

About the Shallow Land Disposal Area project

The U.S. Army Corps of Engineers (USACE) is responsible for cleaning up or controlling contamination at former government atomic energy sites where federal government generated large amounts of radioactive and hazardous waste over several decades of nuclear weapons production and energy research following World War II. This waste has contaminated soil, groundwater, and structures at sites across the country, posing potential risks to human health and the environment. The Formerly Utilized Sites Remedial Action Program (FUSRAP) is administered by the USACE and hires qualified contractors through competitive contracting actions to execute planning, investigation, remediation and closure activities.

In 2017, Jacobs Solutions won the prime contract to conduct environmental cleanup for the Shallow Land Disposal Area (SLDA) located in Apollo, PA. As of FY 22, the government estimates that an additional \$493M will be required to perform site remediation activities and current target completion date is 2029+. As an integrated teaming partner, TerranearPMC, LLC (TPMC) and responsible for the following functional areas: Radiological operations, MC&A/SNM, High-hazard operations, and Environmental Data Management. In Calendar 2024, planning for all these elements will continue to progress and site remediation activities are expected to commence in Q1 Calendar 2025. Other team members with major project roles include: SES (civil/remedial construction), Leidos (analytical services/on-site laboratory), PSC (non-destructive assay), GEM (security services), etc.

About the Pittsburgh region / long-term benefits

The Pittsburgh, PA region offers a wealth of benefits for those pursuing careers in science and engineering. Here are some of the most notable advantages:

Thriving Innovation Ecosystem: Pittsburgh is home to a robust innovation ecosystem, fostered by leading research universities, established industries, and a supportive entrepreneurial community. This dynamic environment provides ample opportunities for scientists and engineers to conduct cutting-edge research, collaborate with industry partners, and translate their expertise into innovative products and services.

Strong Concentration of STEM Talent: The Pittsburgh region boasts a highly skilled STEM workforce, with a significant concentration of engineers, scientists, and technicians. This talent pool is fueled by top-tier universities like Carnegie Mellon University, the University of Pittsburgh, and the University of Rochester, which consistently rank among the nation's best for STEM education and research.

Diverse Industry Base: Pittsburgh's economy is anchored by a diverse range of industries, including energy, healthcare, manufacturing, and technology. This diversity provides a wide spectrum of career opportunities for science and engineering professionals, allowing them to apply their skills in a variety of settings and pursue their specific interests.

Affordability and Quality of Life: Pittsburgh offers a relatively affordable cost of living compared to other major metropolitan areas, making it an attractive option for STEM professionals seeking a balance between career opportunities and personal well-being. The region also boasts a rich cultural scene, vibrant neighborhoods, and access to outdoor recreation, contributing to a high quality of life.

Access to Funding and Resources: Numerous organizations and initiatives in Pittsburgh provide financial support and resources for science and engineering endeavors. These include government agencies, foundations, and venture capital firms that are committed to fostering innovation and growth in the region's STEM sectors.

Collaboration and Networking Opportunities: Pittsburgh's strong network of research institutions, industry partners, and professional organizations facilitates collaboration and networking opportunities for science and engineering professionals. This fosters a spirit of innovation and knowledge sharing, enabling individuals to advance their careers and make significant contributions to their fields.

Entrepreneurial Opportunities: Pittsburgh's supportive entrepreneurial ecosystem encourages scientists and engineers to turn their ideas into viable businesses. Incubators, accelerators, and mentorship programs provide the resources and guidance needed to navigate the entrepreneurial journey and bring innovative products and services to market.

In summary, the greater Pittsburgh, PA region offers a compelling environment for those pursuing careers in science and engineering. With its thriving innovation ecosystem, strong concentration of STEM talent, diverse industry base, affordability, and access to funding and resources, Pittsburgh, PA provides an ideal platform for scientists and engineers to make a significant impact on their fields and contribute to the region's continued growth and success.