

Position: Director, Office of Fuel Supply Technologies

(Interdisciplinary: General Engineer/Physical Scientist (Supervisory))

Series & Grade: GS-801/1301-15

Number of Vacancies: One (1)

Department: Office of Fuel Supply Technologies (NE-41)

Location: Germantown, MD (telework eligible)

Open: 11/21/2024

Closes: 12/3/2024

Direct Hire Announcement Link: [USAJOBS - Job Announcement](#)

Interested applicants need to apply to the Interdisciplinary: General Engineer/Physical Scientist Direct Hire Link above to be considered for this position.

***Please note NE is utilizing the DOE Direct Hire announcement, so the USAJobs closing date may differ from NE's opportunity to apply. Applicant lists will be pulled immediately following the NE closing date shown above.**

Special Note: When applying to this DOE Direct Hire announcement – please be sure to select that you are interested in being considered for Supervisory positions

The Office of Nuclear Energy (NE) intends to fill the position of Director, Office of Fuel Supply Technologies (NE-41), Office of the Nuclear Fuel Cycle, Office of Nuclear Energy, using direct hire authority. The Director, Office of Fuel Cycle Technologies, is responsible for research and development to enhance nuclear fuel supply chain capabilities and to establish a high-assay low enriched uranium supply chain, including managing the membership and activities of the HALEU Consortium. The Director oversees the programmatic and technical requirements and development of relevant planning documents to define and communicate program missions, objectives, functions, requirements, selection criteria, performance measures and alternatives. The incumbent will have responsibility in carrying out the following:

- Conducts research, development, and demonstration to enhance nuclear fuel supply chain capabilities through partnerships with industry, academia, and directed activities at multiple national laboratories.
- Establishes and implements bilateral and multilateral collaborative activities with allied nations to expand domestic capabilities and eliminate reliance on adversarial nations for nuclear fuel supplies and services.
- Directs near-term activities across the national laboratory complex, the private sector, and academia to address critical gaps in fissile material supply and to develop new innovative technologies.
- Supports the development of a diverse, secure, and market-based domestic nuclear fuel supply chain for the current nuclear fleet and innovative reactor concepts.
- Coordinates efforts with various elements within NE and NNSA to address near-term high-assay low enriched uranium (HALEU) supply from surplus stocks of highly enriched uranium.

- Leads cross-cutting team coordinating the implementation of the Department of Energy's broader Uranium Strategy to address the near-term, mid-term and longer-term enriched uranium needs of the various DOE mission areas, including civilian nuclear, non-proliferation and national defense.
- Implements the provisions of Sec. 2001 of the Energy Act of 2020 and Section 50173 of the Inflation Reduction Act of 2022 to establish a high-assay low enriched uranium supply chain, including managing the membership and activities of the HALEU Consortium.
- Completes the National Environmental Policy Act analysis needed to implement the HALEU Availability Program.
- Supports the development and demonstration of new enrichment technologies or other aspects of the nuclear fuel supply chain as authorized by Congress.
- Evaluates assigned NE-4 activities to ensure efficient use of resources and proper integration between participating organizations, other NE program elements and other DOE and NNSA program offices, including establishing and approving the work scope, key milestones, resource allocations and reviewing performance.
- Manages the programmatic and technical requirements and development of relevant planning documents to define and communicate program missions, objectives, functions, requirements, selection criteria, performance measures and alternatives.
- Provides direction and oversight of industry technical support contracts.

A year of supervisory experience and strong communication skills with senior government, commercial industry, and contractor officials preferred.