

U.S. NUCLEAR WASTE TECHNICAL REVIEW BOARD

Geoscientist Vacancy

1 vacancy in the following location: Arlington, VA

Work Schedule is Full Time : Excepted Service Term NTE 2 years - may be converted to permanent position after 2 years

Application Period Closes: Friday, 12/16/2016

Salary Range: \$78,000.00 to \$160,300.00 / Per Year

Series & Grade: AD-1350-00/00

Supervisory Status: No

Who May Apply: United States Citizens and Nationals

OPM Control Number: 451234000

OPM Job Announcement Number WA-1806754-TM

Job Summary

The Nuclear Waste Technical Review Board (Board) is an independent agency of the U.S. federal government responsible for evaluating the technical and scientific validity of activities undertaken by the Department of Energy (DOE) in managing and disposing of spent nuclear fuel and high-level radioactive waste. DOE manages and will dispose of its own spent nuclear fuel and high-level radioactive waste. Under the terms of the Nuclear Waste Policy Act of 1982, DOE will also transport spent nuclear fuel from commercial nuclear power plant sites to federal facilities and manage its later disposal. The Board is composed of eleven eminent scientists and engineers appointed by the President.

The Board is seeking to appoint a geoscientist as a member of its Professional Staff to support Board members in their evaluation of DOE activities related to managing and disposing of spent nuclear fuel and high-level radioactive waste. Employment by the Board represents an unusually attractive opportunity for a motivated person who has the background and experience needed to evaluate DOE's activities as well as the organizational and communication skills needed to present the results of such evaluations quickly, succinctly and accurately, both orally and in writing.

Duties

Members of the Board's Professional Staff:

- Demonstrate both deep knowledge and broad experience in a discipline related to the management and geologic disposal of spent nuclear fuel and high-level radioactive waste. -
- Take responsibility for drafting reports based on the Board's multidisciplinary evaluation of DOE's technical and scientific activities related to the management and geologic disposal of spent nuclear fuel and high-level radioactive waste. -
- Develop background information to assist the Board in its deliberations by reviewing reports prepared by DOE and its contractors as well as reports in the open literature. -
- Organize and participate in public meetings, technical discussions and workshops that are held as part of the Board's review of DOE activities. -
- Maintain knowledge of scientific and engineering developments within their assigned areas of responsibility. -
- Represent the Board at meetings and conferences, including making presentations on the results of the Board's review of DOE activities. -
- Prepare reports for the Board summarizing and analyzing information obtained during visits to technical facilities and meetings, and from document reviews. -

Travel Required

- Occasional Travel
- Some international travel may be required

Relocation Authorized

- Yes
- Authorized

Key Requirements

- Term may be extended or converted to permanent position
- Resume and/or Supporting Documents (see Required Documents)
- Background/Security Investigation

Qualifications

Applicants must have:

- A master's degree or higher in a relevant scientific or engineering field of study such as hydrogeology, geochemistry, geomechanics, geology, geophysics, or another specialty related to the geosciences.
- Superior communication, synthesis and writing skills, including the ability to accurately summarize Board deliberations and prepare draft reports based on those deliberations in a timely manner.
- The ability to analyze technical information and communicate the results of the analyses clearly and effectively, in written reports and presentations to Board members, Congress, and the Secretary of Energy, as appropriate.
- The ability to work as a member of a multidisciplinary team, including Board members and staff, and to assist with reviews being performed by other staff members, when needed.

Additional desirable qualifications:

- A solid understanding of issues associated with the different geologic media that may be considered for disposal of spent nuclear fuel and high-level radioactive waste. Such understanding could include, for example, the ability to analyze the thermal impact on the disposal environment of heat producing wastes or the ability to analyze the transport of contaminants through either unsaturated or saturated zones.
- Familiarity with the U.S. program, and programs in other countries, for managing and disposing of spent nuclear fuel and high-level radioactive waste, including the work done on these programs to develop deep geologic repositories.
- Broad experience in some combination of field, laboratory, and modeling studies.
- Project management experience, including defining the scope of a project and managing its planning, coordination, and execution. Relevant project management experience may include experience in planning, organizing, and running scientific meetings and workshops.

Foreign Education: In order to demonstrate that education completed in foreign colleges or universities meets the qualification requirements, applicants must show that the education credentials have been evaluated by an organization that specializes in interpretation of foreign education programs and such education has been deemed equivalent to that gained in an accredited U.S. program. Otherwise, proof must be provided to show that full credit has been given for the courses at an accredited U.S. college or university. For further information, visit:

<http://www.ed.gov/about/offices/list/ous/international/usnei/us/edlite-visitus-forrecog.html>

Requirements

All applicants must meet the qualifications by the closing date of the announcement Friday, November 18, 2016.

What To Expect Next

Please review the "HOW YOU WILL BE EVALUATED" section of this announcement.

Benefits

The Board offers a comprehensive benefits package that includes, in part: paid vacation, sick leave, ten Federal holidays per year, life insurance, and medical benefits. The selected applicant's salary will be based upon the applicant's education, background and professional experience.

Other Information

This position is subject to the public financial disclosure requirements of the Ethics in Government Act of 1978.

Relocation expenses may be paid. -

Males born after 12-31-1959 must be registered for Selective Service. -

Qualifications as listed in the "Qualifications Required" section of this announcement. -

The Board is an equal employment opportunity employer. All qualified applicants will receive consideration for appointment without regard to race, religion, color, national origin, gender, political affiliation, handicap, or any other non-merit factor.

Applications may be submitted by mail or email.

Applications by **mail** should be sent to:

Nuclear Waste Technical Review Board

ATTN: Debra L. Dickson

Director of Administration

2300 Clarendon Blvd., Suite 1300

Arlington, VA 22201

703-235-4480

Applications by **e-mail** should be sent to: resumes@nwtrb.gov.

How You Will Be Evaluated

A panel of the Board's staff will initially evaluate each application on the basis of the resume, the written statement, the most recent performance appraisal (if the applicant is a current federal employee), and any other documents submitted by the applicant to support the application. Based on this initial evaluation of the applications, the panel will compile a short-list of candidates to be interviewed by an interview board which may include the Chairman, other Board members, the Executive Director, and pertinent Board staff. Candidates may be requested to provide additional documents during the selection process. References will be contacted before the final selection is made by the Chairman, in consultation with the Executive Director and other Board members.

Required Documents

-Resume

-A written statement presenting the applicant's key qualifications, experience and skills and discussing how these relate to the required and desirable qualifications indicated above, and to the duties of the position

-Most recent Performance Appraisal (for current federal employees)

-Phone and e-mail contact details for three individuals familiar with the applicant's professional skills and experience. The applicant should indicate when those individuals might be contacted to provide a letter of reference.

Contact:

Debra L. Dickson
Director of Administration
Phone: (703)235-4480
Email: dickson@nwtrb.gov

Nuclear Waste Technical Review Board
2300 Clarendon Blvd
Suite 1300
Arlington
VA 22201