



# NRC NEWS

**U.S. NUCLEAR REGULATORY COMMISSION**

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## **NRC INVITES PUBLIC TO SUBMIT NOMINATIONS FOR THE ADVISORY COMMITTEE ON REACTOR SAFEGUARDS**

The U.S. Nuclear Regulatory Commission (NRC) is seeking qualified candidates for appointment to its Advisory Committee on Reactor Safeguards (ACRS).

The ACRS is a part-time advisory group which is statutorily mandated by the Atomic Energy Act of 1954, as amended. ACRS provides independent technical review of, and advice on, matters related to the safety of existing and proposed nuclear facilities and on the adequacy of proposed reactor safety standards. Of primary importance are the safety issues associated with the operation of 104 commercial nuclear power plants in the United States, and regulatory initiatives including risk-informed and performance-based regulations, license renewal, power uprates, and the use of mixed oxide and high burnup fuels. An increased emphasis is being given to safety issues associated with new reactor designs and technologies including passive system reliability and thermal hydraulic phenomena, use of digital instrumentation and control, international codes and standards for use in multinational design certifications, material and structural engineering, and nuclear analysis and reactor core performance.

Currently, the Commission is seeking individuals with technical expertise in one or more of the areas of materials engineering, digital instrumentation and control, or plant operations.

The ACRS membership includes individuals who possess specific technical expertise along with a broad perspective in addressing safety concerns. Committee members are selected from a variety of engineering and scientific disciplines, such as risk assessment, chemistry, mechanical engineering, civil engineering, materials sciences, and earth sciences. At this time, candidates are being sought who have 10 years of experience in one or more of the areas of materials engineering, digital instrumentation and control, or plant operations. Candidates with pertinent graduate level education will be given additional consideration. Committee members serve a four-year term with the possibility of two reappointments for a total service of 12 years. The Commission hopes to fill three vacancies as a result of this request.

Criteria used to evaluate candidates includes education and experience, demonstrated skills in nuclear reactor safety matters, the ability to solve complex technical problems, and the ability to work collegially on a board, panel, or committee. The Commission, in selecting its committee members, considers the need for a specific expertise to accomplish the work expected to be before the ACRS. For these positions, the expertise must be preferably related to one or more of the areas of materials engineering, digital instrumentation and control, or plant operations. Consistent with the requirements of the Federal Advisory Committee Act, the Commission seeks candidates with varying views and of diverse backgrounds so that the membership on the committee will be fairly balanced in terms of the

points of view represented and functions to be performed by the Committee.

Candidates will undergo a thorough security background check to obtain the security clearance that is mandatory for all ACRS members. The security background check will involve the completion and submission of paperwork to NRC. Candidates for ACRS appointments may be involved in or have financial interests related to NRC-regulated aspects of the nuclear industry. Because conflict-of-interest considerations may restrict the participation of a candidate in ACRS activities, the degree and nature of such restriction on an individual's activities as a member will be considered in the selection process. Each qualified candidate's financial interests must be reconciled with applicable Federal and NRC rules and regulations prior to final appointment. This might require divestiture of securities or discontinuance of certain contracts or grants. Information regarding these restrictions will be provided upon request.

A résumé describing the educational and professional background of the candidate including any special accomplishments, publications, and professional references, should be provided. Candidates should also provide their current address and telephone number, and email address. All candidates will receive careful consideration. Appointment will be made without regard to factors such as race, color, religion, national origin, sex, age or disabilities. Candidates must be citizens of the United States and be able to devote approximately 100-130 days per year to committee business.

Résumés will be accepted until November 30, 2007. Résumés should be sent to Angelina Chapeton, ACRS/ACNW, Mail Stop T2E-26, US Nuclear Regulatory Commission, Washington, DC 20555-0001 or emailed to [ahc@nrc.gov](mailto:ahc@nrc.gov).

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