

February 8, 2008

MEMORANDUM TO: Chairman Klein  
Commissioner Jaczko  
Commissioner Lyons

FROM: Frank P. Gillespie /RA/  
Executive Director  
ACRS/ACNW&M

SUBJECT: DRAFT PRESS RELEASE AND *FEDERAL REGISTER* NOTICE  
TO SOLICIT QUALIFIED CANDIDATES FOR APPOINTMENT TO  
THE ADVISORY COMMITTEE ON REACTOR SAFEGUARDS  
(ACRS)

Enclosed are a draft *Federal Register* Notice and a draft press release that we propose to use to solicit qualified candidates for possible appointment to the Advisory Committee on Reactor Safeguards (ACRS). This solicitation is to fill two currently vacant ACRS positions. The draft *Federal Register Notice* and the draft press release state that the Commission is seeking an individual with at least 10 years of experience in the areas of nuclear materials and radiation protection or digital instrumentation and control. This draft solicitation is in response to Staff Requirements Memorandum COMPBL-08-0001, Proposed Merger of Advisory Committee on Reactor Safeguards and Advisory Committee on Nuclear Waste and Materials (ACNW&M), as well as an ongoing need to maintain current with a rapidly advancing technology.

Enclosures:

1. Draft *Federal Register* Notice
2. Draft Press Release Information

cc: SECY  
OPA

CONTACT: Jenny Gallo, ACRS  
301-415-7367

SECY Please Track

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U.S. NUCLEAR REGULATORY COMMISSION  
SEEKS QUALIFIED CANDIDATES FOR  
THE ADVISORY COMMITTEE ON REACTOR SAFEGUARDS

**AGENCY:** U.S. Nuclear Regulatory Commission.

**ACTION:** Request for résumés.

**SUMMARY:** The U.S. Nuclear Regulatory Commission (NRC) seeks qualified candidates for the Advisory Committee on Reactor Safeguards (ACRS). Submit résumés to Ms. Janet Riner, Executive Secretary, ACRS/ACNW&M, Mail Stop T2E-26, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or e-mail JML1@NRC.GOV.

**SUPPLEMENTARY INFORMATION:** The ACRS is a part-time advisory group, which is statutorily mandated by the Atomic Energy Act of 1954, as amended. ACRS provides independent expert advice on matters related to the safety of existing and proposed nuclear power plants 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 used in multinational design certifications, material and structural engineering, nuclear analysis and reactor core performance, and nuclear materials and radiation protection. The ACRS also has some involvement in security matters related to the integration of safety and security of commercial reactors.

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See NRC website at <http://www.nrc.gov/aboutnrc/regulatory/advisory/acrs.html> for additional information about ACRS. Criteria used to evaluate candidates include 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. ACRS Committee members are appointed for four-year terms and normally serve no more than three terms. The Commission looks to fill one vacancy as a result of this request. For this position, a candidate must have at least 10 years of experience in the areas of nuclear materials and radiation protection or digital instrumentation and control. Candidates with pertinent graduate level experience will be given additional consideration. Consistent with the requirements of the Federal Advisory Committee Act, the Commission seeks candidates with diverse backgrounds, so that the membership on the Committee is 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. However, because conflict-of-interest considerations may restrict the participation of a candidate in ACRS activities, the degree and nature of any 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

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3

background of the candidate, including any special accomplishments, publications, and professional references should be provided. Candidates should provide their current address, telephone number, and e-mail 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 days per year to Committee business. Résumés will be accepted until April 30, 2008.

\_\_\_\_\_  
Date

\_\_\_\_\_/RA/  
Annette Vietti-Cook  
Secretary of the 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, nuclear analysis and reactor core performance and nuclear materials and radiation.

Currently, the Commission is seeking individuals with technical expertise in the area of nuclear materials and radiation protection. 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, health physics, and earth sciences.

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For this position, a candidate must have at least 10 years of experience in the areas of nuclear material and radiation protection or digital instrumentation and control.

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 seeks to fill this vacancy as a result of this request. Criteria used to evaluate candidates includes education and experience, demonstrated skills in nuclear material and radiation protection, 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.

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 is 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. However, 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

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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 April 30, 2008. Résumés should be sent to Janet Riner, ACRS/ACNW, Mail Stop T2E-26, US Nuclear Regulatory Commission, Washington, DC 20555-0001 or emailed to [JML1@nrc.gov](mailto:JML1@nrc.gov).

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