

July 12, 2007

MEMORANDUM TO: Chairman Klein
Commissioner McGaffigan
Commissioner Jaczko
Commissioner Lyons

FROM: Frank P. Gillespie **/RA/ (Signed by Jenny Gallo for)**
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)

Attached 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 replace Drs. Graham Wallis, Thomas Kress and Mr. John Sieber who have submitted their resignations and will no longer be members after September 2007. The draft *Federal Register* Notice and the draft press release state that the Commission is seeking individuals with 10 years of experience in the areas of Materials Engineering, Digital Instrumentation and Control, or Plant Operations. In addition, it is stated that the Commission is seeking individuals with diverse technical backgrounds so that the membership on the Committee will be fairly balanced in terms of the points of view represented.

For additional information, please call me at 415-7360.

Enclosures:

1. Draft *Federal Register* Notice
2. Draft Press Release Information
3. List of Professional Societies

cc: SECY
OPA

DRAFT

FEDERAL REGISTER NOTICE

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 seeks qualified candidates for the Advisory Committee on Reactor Safeguards (ACRS). Submit résumés to: Ms. Angelina Chapeton, Administrative Assistant, ACRS/ACNW&M, Mail Stop T2E-26, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or e-mail AHC@NRC.GOV.

SUPPLEMENTARY INFORMATION: The Commission established the Advisory Committee on Reactor Safeguards (ACRS) to provide the NRC 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, and nuclear analysis and reactor core performance. The ACRS also has

some involvement in security matters related to the integration of safety and security of commercial reactors. This work involves technical issues associated with consequence analyses and the assessment of effective mitigation strategies. See NRC website at <http://www.nrc.gov/about-nrc/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. For this position, the expertise must be at least 10 years of experience in the areas of Materials Engineering, Digital Instrumentation and Control, or Plan Operations. 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 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 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 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 November 30, 2007.

Date

Andrew L. Bates
Advisory Committee Management Officer

DRAFT PRESS RELEASE

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 established by the NRC to provide 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 an individual with technical expertise in 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 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 4-year term with the possibility of two reappointments for a total service of 12 years.

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 this position, the expertise should preferably relate to 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 background 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 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 100-130 days per year to Committee business. Résumés will be accepted until November 30, 2007.

Résumés should be sent to Ms. Angelina Chapeton, ACRS/ACNW, Mail Stop T2E-26, US Nuclear Regulatory Commission, Washington, DC 20555-0001 or emailed to ahc@nrc.gov .

LIST OF PROFESSIONAL SOCIETIES/TECHNICAL
ORGANIZATIONS TO ADVERTISE NOMINATION

ANS Website
American Nuclear Society