

October 24, 1978

SECY-78-553

## COMMISSIONER ACTION

FOR: The Commissioners

FROM: R. F. Fraley, Executive Director, Advisory Committee on Reactor Safeguards

SUBJECT: FORTHCOMING VACANCY ON THE ADVISORY COMMITTEE ON REACTOR SAFEGUARDS

PURPOSE: To obtain Commission approval of an announcement soliciting nominations for an ACRS vacancy.

DISCUSSION: The term of ACRS Member Dr. Herbert S. Isbin expires on January 31, 1979. Dr. Isbin has indicated he is not available for an additional term on the Committee.

The Commission has adopted a policy of announcing forthcoming vacancies on the Committee and issuing a press release inviting members of the public, including public interest groups and technical - professional societies, to submit nominations to fill anticipated vacancies on the ACRS. At its October 1978 meeting, the ACRS considered the backgrounds that would be appropriate for the individual who would fill the forthcoming vacancy. The Committee believes that a replacement with a background and management experience in mechanical design of large systems and equipment, heat transfer and fluid flow, familiarity with industrial code development and application, or probabilistic analysis would be most useful in conducting the work of the Committee. A background in the nuclear field is not essential but experience in a field with similar safety considerations is desirable.

An initial panel of candidates established earlier this year is attached for information (Attachment D). This panel is composed of nominees from public interest groups, technical organizations, and others (including current ACRS Members) resulting from the Commission's 1976 and 1977 public invitations for nominations.

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Contact:  
R. F. Fraley  
3265

In light of the Commission's policy of soliciting nominations from individuals and organizations, the attached draft press release has been prepared for Commission approval (Attachment A) and reflects the current needs of the Committee in terms of the disciplines needed to conduct a comprehensive review. At the time of the previous press release calling for nominations, specific requests were sent to various technical societies and organizations with interest in nominating candidates for the Committee. A proposed letter for signature by the Secretary is attached (Attachment B) along with a proposed list of organizations (addresses) that have expressed or may have an interest in this area (Attachment C).

RECOMMENDATION:

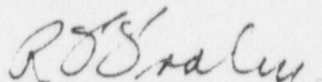
That the Commission approve the attached press release soliciting nominations for the forthcoming ACRS vacancy. Copies of the announcement would be sent to the American Physical Society, Center for Science in the Public Interest and other scientific and public interest organizations.

COORDINATION:

The Office of Public Affairs, the Advisory Committee Management Officer, Office of General Counsel and the Office of Equal Employment Opportunity have concurred in this paper.

DISTRIBUTION

Commissioners  
Commission Staff Offices  
Exec. Dir. for Operations  
ACRS  
Secretariat

  
R. F. Fraley  
Executive Director

Attachments:

1. Attachment A - Draft Press Announcement (NRC invites public to submit nominees for Advisory Committee on Reactor Safeguards)
2. Attachment B - Proposed letter from the Secretary of the Commission
3. Attachment C - Proposed list of addresses
4. Attachment D - List of Nominees



Commissioners' comments or concurrence should be provided directly to the Office of the Secretary by c.o.b. November 6, 1978.

Commission Staff Office comments, if any, should be submitted to the Commissioners NLT October 31, 1978, with an information copy to the Office of the Secretary. If the paper is of such a nature that it requires additional time for analytical review and comment, the Commissioners and the Secretariat should be apprised of when comments may be expected.

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DRAFT PRESS ANNOUNCEMENT

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

The Nuclear Regulatory Commission is anticipating a vacancy on its Advisory Committee on Reactor Safeguards and the NRC again is inviting the public to submit nominations.

The ACRS, a 15-member panel of experts representing a variety of scientific and technical disciplines, advises the Commission on the public health and safety aspects of nuclear facilities, the adequacy of proposed standards, and other aspects of nuclear regulation.

In October 1976, the NRC announced that it was expanding the procedures for nominating ACRS candidates to include recommendations from the public. Nominations from technical, environmental, and public interest organizations were specifically sought.

Jeremiah J. Ray, the most recent member appointed to the committee, was selected as a result of the NRC request for public participation in the nomination process. He was nominated by the Institute of Electrical and Electronic Engineers, Inc.

In the conduct of its activities, the ACRS evaluates such items as the suitability of proposed sites with respect to the effect the proposed plant may have on the public health and safety, and the effect of site-related features on the safety of the reactor plant itself; the design of the facility including engineered safety features, plant security provisions,



and safeguards for protecting special nuclear material; the competence of the design, construction, and operating organizations; the training and qualification of operating personnel; the quality assurance program; the operating and emergency plans; the periodic test and inspection programs for the facility; and the results of operating experience at the plant.

Committee members must possess extensive knowledge in technical or scientific fields. Candidates with a background in mechanical design of large systems and equipment, heat transfer and fluid flow, familiarity with industrial code development and application, or probabilistic analysis would be most useful in conducting the work of the Committee. A background in the nuclear field is not essential but experience in that field or in one with similar safety considerations is desirable.

All qualified nominees will receive full consideration, and appointment will be made without regard to factors such as race, color, religion, sex, age or national origin. The Commission's final selection will be based on individual qualifications as well as the need to balance the technical disciplines required by the Committee to carry out its functions. Nominations received prior to January 1, 1979 will be considered for the forthcoming vacancy on the Committee. Nominations received after that date will be considered for future vacancies as they develop.

Nominations should be sent to the:

Secretary of the Commission  
Nuclear Regulatory Commission  
Washington, D.C. 20555  
Attn: Advisory Committee  
Management Officer

A resume or, as a minimum, a brief statement describing the educational and professional experience of the nominee as well as his/her current address must be included. Candidates must be U.S. citizens able to devote about 100-120 days per year to Committee business. An indication of their availability will facilitate consideration of individuals nominated. Appointments are for four year terms.

Additional details regarding the duties and functions of the Committee and its members can be obtained by telephoning the Office of the Advisory Committee on Reactor Safeguards (202/634-3265).

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Addresses

Gentlemen:

The Nuclear Regulatory Commission desires to continue its process of broadening the means by which candidates for appointment to its Advisory Committee on Reactor Safeguards (ACRS) are nominated.

In view of your interest in public health and safety, a copy of the attached press release is provided for your consideration. The functions and duties of the ACRS and the qualifications of potential candidates are described in this material.

It should be recognized that all candidates nominated for consideration cannot and will not be selected. They will be given consideration, however, for specific vacancies which occur on the Committee depending on the needs of the Committee to provide a balanced membership in accordance with the accomplishment of its statutory functions.

The Commission does not expect that it will be possible to acknowledge and respond to each individual nomination. The nominees will, however, be placed on an appropriate panel for consideration as vacancies on the Committee develop.

Sincerely,

Samuel J. Chilk  
Secretary of the Commission

ATTACHMENT B

TECHNICAL GROUPS

American Association for the Advancement of Science  
American Chemical Society  
American Concrete Institute  
American Institute of Chemical Engineers  
American Institute of Electronic Engineers  
American Institute of Physics  
American Nuclear Society  
American Physical Society  
American Society of Civil Engineers  
American Society of Electrical Engineers  
American Society of Mechanical Engineers  
American Society for Metals  
American Society for Testing & Materials  
Federation of American Scientists  
Health Physics Society  
Institute of Electrical & Electronic Engineers, Inc.  
Institute of Environmental Sciences  
National Academy of Engineering  
National Academy of Sciences  
National Council on Radiation Protection & Measurements  
Pressure Vessel Research Council  
American Statistical Association

National Science Foundation

NATIONAL PUBLIC INTEREST GROUPS/ENVIRONMENTAL GROUPS, ETC.

National Audubon Society  
Center for Science in the Public Interest  
Common Cause  
Friends of the Earth  
Natural Resources Defense Council  
Sierra Club  
Union of Concerned Scientists  
Public Information Research Group  
American Association of Professional Women  
Wider Opportunities for Women  
Washington Womens Network  
Federation of Professional Women's Organizations  
National Organization of Women  
Committee on Education and Employment of Women in Science  
and Engineering  
Society of Women Engineers

ATTACHMENT C - Proposed List of Addresses



LIST OF NOMINEES

Dr. Donald G. Anderson	Mr. Howard H. Fawcett
Mr. Eugene C. Bailey	Dr. Henri Fenech
Mr. Carlos G. Bell, Jr.	Dr. Fred Finlayson
Dr. Arden L. Bement, Jr.	Mr. Birney Fish
Mr. Norman B. Bessac	Dr. Mars G. Fontana
Dr. Hans A. Bethe	Mr. Authur P. Fraas
Mr. George G. Biro	Mr. William R. Gall
Dr. Alfred A. Bishop	Dr. Richard L. Garwin
Mr. Robert O. Broslow	Mr. Robert P. Gleason
Mr. Owen K. Brown	Dr. David T. Goldman
Dr. Robert J. Budnitz	Mr. Alexander Grondon
Dr. Melvin W. Carter	Dr. Martin N. Haas
Dr. Harold G. Cassidy	Dr. David B. Hall
Dr. Albert W. Castleman	Dr. Kent Hansen
Dr. Thomas B. Cochran	Dr. George H. Hanson
Dr. Bernard L. Cohen	Dr. Louis C. Hebel
Mr. William B. Cottrell	Mr. Richard B. Hubbard
Dr. Edward Chester Creutz	Mr. Frank B. Jewett
Mr. Howard T. Dickson	Mr. William Johnson
Dr. David Dorfan	Dr. W. Reed Johnson
Dr. Michael Driscoll	Mr. Milton Kamins
Dr. Donald T. Eggen	Mr. Spurgeon M. Keeny, Jr.

Mr. Bruce E. Knight	Mr. Thomas H. Pigford
Mr. Frank Kruesi	Dr. R. J. Podlasek
Dr. Richard T. Lahey	Dr. Philip N. Powers
Mr. John W. Langhaar	Dr. Howard Raiffa
Dr. Lester B. Lave	Dr. John Randall
Mr. J. Venn Leeds, Jr.	Dr. Andrew Robeson
Mr. John J. Lescisin	Mr. Peter Roper
Dr. Harold W. Lewis	Mr. Adolph O. Schaefer
Dr. Walter C. Lipinski	Dr. Robert L. Seale
Dr. Herbert G. MacPherson	Mr. Maurice Simpson
Mr. Sid Martin	Mr. Morton J. Smith
Dr. Margaret N. Maxey	Dr. George F. Smoot
Dr. James L. Meem, Jr.	Dr. Jerome Steffens
Dr. H. Peter Metzger	Dr. John D. Stevenson
Mr. Hugh Montgomery	Dr. Robert D. Stout
Dr. Peter A. Morris	Dr. Theodore B. Taylor
Dr. Richard A. Muller	Mr. Benon F. Ureda
Mr. Edward J. Nelson	Dr. John A. Vreeland
Mr. Frank D. O'Brien	Mr. Robert W. Wallace
Dr. F. M. O'Hara, Jr.	Mr. James H. Warren
Mr. Edward C. Pandorf	Mr. George L. Weil
Dr. Wolfgang K. H. Panofsky	Dr. Weisskopf
Dr. Alan W. Pense	Dr. Glen W. Wensch



Dr. Richard Wilson

Mr. Charles E. Winters

Dr. Warren F. Witzig