



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

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PLEASE RESPOND BY:
June 21, 2024

June 5, 2024

COMSECY-24-0008

MEMORANDUM TO: Chair Hanson
Commissioner Wright
Commissioner Caputo
Commissioner Crowell

FROM: Scott W. Moore, Executive Director
Office of the Advisory Committee on Reactor Safeguards

SUBJECT: REQUEST TO SOLICIT FOR THE APPOINTMENT OF TWO
NEW MEMBERS ON THE ADVISORY COMMITTEE ON
REACTOR SAFEGUARDS

Scott W. Moore

Digitally signed by Scott W. Moore
Date: 2024.06.05 17:28:57
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This memorandum is to request approval to begin the solicitation process to add two new members to the Advisory Committee on Reactor Safeguards (ACRS).

The addition of two new members will enable ACRS to complete an increasing and changing workload on advanced reactor, small modular reactor, and microreactor licensing, address an increasing workload for operating reactors (such as renewals, subsequent license renewals and power uprates) and expand the Committee's skill set related to new light water and non-light water reactor designs and technologies. Additional members would also support anticipated increases in ACRS reviews of fuel cycle safety and waste-related activities. Finally, it can take up to one year to complete all hiring steps for an ACRS member, from initial proposal to final entry on-board. Two additional new members would help stabilize Committee resources and workload as the ACRS transitions into mid-CY 2025, when terms expire for three current members who may be considered for re-appointment and a fourth current member who will not seek renomination. Additional information is provided in Enclosure 1.

Considering ACRS members' current specialties as well as recent and future work, the Committee requests to fill these vacancies with two individuals who have knowledge of engineering and safety issues associated with new light water and non-light water reactor

CONTACT: Sandra D. Walker, ACRS/PMDA
301-415-1401

Enclosure 1 transmitted herewith contains
Official Use Only – Sensitive Internal
Information. When separated from Enclosure
1 this transmittal document is decontrolled.

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The Commissioners

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designs and technologies including topics related to: neutronics and reactor kinetics analyses, thermal-hydraulic phenomena, passive and inherently safe design features, and integrated reactor core and systems performance; nuclear fuels and fuel management, chemistry, and materials; structural and seismic design and engineering; radiation protection, shielding, and health physics; probabilistic risk analysis and assessment; application of digital instrumentation and control systems; and international codes and industrial standards used in multinational and domestic nuclear design certifications and reviews. Such individuals will complement the skill set of existing ACRS members.

If the Commission approves the solicitation for two new members, then highly qualified candidates for these positions should have demonstrated broad, extensive experience in nuclear safety, such as multiple areas listed above or similar fields of nuclear reactor and nuclear fuel cycle safety. Highly qualified candidates should also demonstrate the ability to solve complex technical problems and the ability to work collegially on a board, panel, or committee. Candidates would be encouraged to apply who have approximately 20 years of education and broad experience and a distinguished record of achievement in one or more areas of nuclear science and technology or related engineering disciplines. Candidates with pertinent graduate level experience would be given additional consideration, and candidates with relevant experience and a distinguished record who do not quite meet the 20-year threshold would also be encouraged to apply.

If the Commission approves this request to solicit for two positions on the ACRS, we will work closely with the Offices of the Chief Human Capital Officer (OCHCO), Public Affairs (OPA), Small Business and Civil Rights (SBCR), and the Secretary (SECY) to issue a *Federal Register* Notice and develop a draft press release. (See Enclosure 2.) Additionally, in SRM-COMSECY-13-0013, the Commission provided direction that for future ACRS vacancies, the ACRS should strengthen its efforts to improve the Committee's diversity through its implementation of the NRC's Inclusive Diversity Strategic Plan (formerly Comprehensive Diversity Management Program). If the solicitation is approved, we will work closely with OCHCO, OPA, and SBCR to advertise the positions widely in order to recruit from a diverse, highly qualified group of potential applicants. For additional information or questions, please call me at 301-415-7360.

SECY, please track.

Enclosures:

1. ACRS Request to Solicit for New Members
(not publicly available)
2. Draft Federal Register Notice

cc: SECY
OGC
EDO
OCHCO
OPA
SBCR

The Commissioners

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SUBJECT: REQUEST TO SOLICIT FOR THE APPOINTMENT OF TWO NEW MEMBERS
ON THE ADVISORY COMMITTEE ON REACTOR SAFEGUARDS
DATED: June 5, 2024

Accession Nos:

Package: ML24143A090

Memo: ML24143A091

Enclosure 1 - ACRS Request to Solicit for a New Members: ML24143A092

Enclosure 2 - Draft Federal Register Notice: ML24143A093

Draft Press Release: ML24143A094

Publicly Available (Y/N): No Sensitive (Y/N): Yes

OFFICE	ACRS	ACRS	ACRS	ACRS	ACRS
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DATE	5/21/24	5/21/24	5/22/24	6/5/24	6/5/24

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