

Committee; Human Exploration and Operations Research Advisory Committee.

**Purpose and Objectives:** Each of the five (5) NASA Federal advisory committees will advise NASA on scientific matters within the scope of its respective area of responsibility. Specifically, the scientific matters involve NASA research programs, policies, plans, and priorities pertaining to astrophysics, heliophysics, Earth science, planetary science, and human exploration and operations research. The five (5) NASA Federal advisory committees will function solely as advisory bodies and will comply fully with the provisions of FACA.

**Membership:** Membership of each of the five (5) NASA Federal advisory committees and any subordinate groups formed under each committee shall consist of individual subject-matter experts who will serve as Special Government Employees (unless they are Regular Government Employees). They will be chosen from among academia, industry and government with demonstrated and well-recognized knowledge, expertise and experience in fields relevant to their respective scientific disciplines. The membership of each Federal advisory committee will be fairly balanced in terms of points of view represented and functions to be performed. Diversity shall be considered as well.

**Duration:** Each of the five (5) NASA Federal advisory committees is a discretionary committee and is envisioned to be continuing entity subject to charter renewals every two years.

**Responsible NASA Official:** Dr. Gale Allen, Deputy Chief Scientist, NASA Headquarters, (202) 358-4580, or [gale.allen@nasa.gov](mailto:gale.allen@nasa.gov).

**FOR FURTHER INFORMATION CONTACT:** Dr. Gale Allen, Deputy Chief Scientist, NASA Headquarters, (202) 358-4580, or [gale.allen@nasa.gov](mailto:gale.allen@nasa.gov).

**Carol J. Hamilton,**

*Acting Advisory Committee Management Officer, National Aeronautics and Space Administration.*

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**BILLING CODE 7510-13-P**

## NATIONAL SCIENCE FOUNDATION

### Notice of Permits Issued Under the Antarctic Conservation Act of 1978

**AGENCY:** National Science Foundation

**ACTION:** Notice of permits issued under the Antarctic Conservation of 1978, Public Law 95-541.

**SUMMARY:** The National Science Foundation (NSF) is required to publish notice of permits issued under the Antarctic Conservation Act of 1978. This is the required notice.

**FOR FURTHER INFORMATION CONTACT:**

Nature McGinn, ACA Permit Officer, Division of Polar Programs, Rm. 755, National Science Foundation, 4201 Wilson Boulevard, Arlington, VA 22230. Or by email: [ACApermits@nsf.gov](mailto:ACApermits@nsf.gov).

**SUPPLEMENTARY INFORMATION:** On October 26, 2016, the National Science Foundation published notices in the **Federal Register** of permit applications received. The permits were issued on November 29, 2016 to:

1. Wendell J. Long, Jr., Permit No. 2017-024
2. Andrew G. Fountain, Permit No. 2017-025
3. Donald Fortescue, Permit No. 2017-026

**Nadene G. Kennedy,**

*Polar Coordination Specialist, Division of Polar Programs.*

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## NUCLEAR REGULATORY COMMISSION

[NRC-2014-0254]

### Advanced Light-Water Reactor Probabilistic Risk Assessment

**AGENCY:** Nuclear Regulatory Commission.

**ACTION:** Interim staff guidance; issuance.

**SUMMARY:** The U.S. Nuclear Regulatory Commission (NRC) is issuing Interim Staff Guidance (ISG), DC/COL-ISG-028, "Assessing the Technical Adequacy of the Advanced Light-Water Reactor Probabilistic Risk Assessment for the Design Certification Application and Combined License Application." The purpose of this ISG is to provide guidance for assessing the technical adequacy of the probabilistic risk assessment (PRA) needed for advanced light-water reactor (ALWR) design certification (DC) and combined license (COL) applications. This guidance addresses only the typical conditions for the DC and COL application.

**DATES:** The DC/COL-ISG-028 is available on December 2, 2016.

**ADDRESSES:** Please refer to Docket ID NRC-2014-0254 when contacting the NRC about the availability of information regarding this document. You may obtain publicly-available information related to this document using any of the following methods.

- **Federal Rulemaking Web site:** Go to <http://www.regulations.gov> and search for Docket ID NRC-2014-0254. Address questions about NRC dockets to Carol Gallagher; telephone: 301-415-3463; email: [Carol.Gallagher@nrc.gov](mailto:Carol.Gallagher@nrc.gov). For technical questions, contact the individual listed in the **FOR FURTHER INFORMATION CONTACT** section of this document.

- **NRC's Agencywide Documents Access and Management System (ADAMS):** You may obtain publicly-available documents online in the ADAMS Public Documents collection at <http://www.nrc.gov/reading-rm/adams.html>. To begin the search, select "ADAMS Public Documents" and then select "Begin Web-based ADAMS Search." For problems with ADAMS, please contact the NRC's Public Document Room (PDR) reference staff at 1-800-397-4209, 301-415-4737, or by email to [pdr.resource@nrc.gov](mailto:pdr.resource@nrc.gov). For the convenience of the reader, the ADAMS accession numbers are provided in a table in the "Availability of Documents" section of this document.

- **NRC's PDR:** You may examine and purchase copies of public documents at the NRC's PDR, Room O1-F21, One White Flint North, 11555 Rockville Pike, Rockville, Maryland 20852.

- **NRC's Public Web site:** NRC posts its issued staff guidance at <http://www.nrc.gov/reading-rm/doc-collections/isg>.

**FOR FURTHER INFORMATION CONTACT:**

Mark Lintz, Office of New Reactors, U.S. Nuclear Regulatory Commission, Washington DC 20555-0001; telephone: 301-415-4051; email: [Mark.Lintz@nrc.gov](mailto:Mark.Lintz@nrc.gov).

**SUPPLEMENTARY INFORMATION:**

### I. Discussion

The NRC is issuing DC/COL-ISG-028, "Assessing the Technical Adequacy of the Advanced Light-Water Reactor Probabilistic Risk Assessment for the Design Certification Application and Combined License Application," to provide specific review guidance for assessing the technical adequacy of the PRA needed for an application for a DC of an ALWR under part 52 of title 10 of the *Code of Federal Regulations* (10 CFR), "Licenses, Certifications, and Approvals for Nuclear Power Plants," specifically 10 CFR 52.47(a)(27). This ISG will also apply to an application for a COL under 10 CFR 52.79(a)(46). Specifically, this guidance addresses how these applicants can use American Society of Mechanical Engineers/ American Nuclear Society (ASME/ANS) RA-Sa-2009, "Addenda to ASME/ANS RA-S-2008 Standard for Level 1/ Large