

Over 124 science projects were supported by USAP during the 2015–2016 austral summer season. Examples of recent complex USAP projects include ecosystem-scale, multi-disciplinary projects; study of deep subglacial lakes; installation and operation of Project IceCube (a neutrino detector at South Pole Station); upgrades to the South Pole Telescope, and extensive marine and terrestrial seismic projects. The demand for science and education programs in Antarctica is expected to continue increasing over the next decade.

In addition to supporting increasingly complex science and education programs in Antarctica, a safety, environment, and health program has enabled USAP to reduce the health and safety risks to participants and improve environmental protection. USAP has made significant progress in the remediation of old waste disposal sites and in the removal of wastes from Antarctica.

Because the science and education programs supported by USAP are increasing in size and complexity, improved equipment, more specialized facilities, additional electrical power, and improved logistical support are required. USAP has met many of these emerging needs, including construction and operation of the Crary Science and Engineering Center and the Science Support Center at McMurdo Station.

However, approximately 60 years after USAP began much of the infrastructure at each of the three year-round USAP Stations has exceeded its intended life expectancy. USAP stations were originally built to serve the newly developing Antarctic science and education programs of the 1950s and 1960s. With few people or facilities in Antarctica, there was an expeditionary approach to infrastructure development. Energy efficiency and environmental protection were not high priorities. Today, much of the USAP infrastructure cannot meet modern practices without replacement, significant repair, or substantial restrictions in use. Reconstruction of the Amundsen-Scott South Pole Station was completed in 2010; however, the Station and outlying facilities require repairs and ongoing maintenance in order to support current and future science and education programs.

#### Issues and Possible Alternatives for USAP Activities

In 2011, a Blue Ribbon Panel was established by the Directors of the Office of Science and Technology Policy and of the NSF to assess the current USAP operations, logistics and management

and make recommendations on a long-term strategy to deliver an efficient and effective national research program. The 2012 report “More and Better Science in Antarctica through Increased Logistical Effectiveness” provided a basis for discussions among USAP participants, managers, scientists, educators, and NSF leadership. From these discussions and others, the following USAP needs have been identified:

- Capacity and flexibility to adapt to the changing needs of USAP science and education in Antarctica over a 35–50 year planning horizon
- Increased energy conservation (reduced energy consumption)
- Increased operational efficiency (e.g., reduced costs and personnel requirements)
- A continued safe and healthy working environment for USAP personnel and visitors
- A continued high standard of environmental stewardship in Antarctica
- Reflecting the “active and influential presence” in Antarctica in a manner consistent with U.S. stature in the international research community
- Reflecting the professional nature of NSF and its scientific activities

These needs are important considerations in meeting USAP’s long-term goals and may generate conflicts in the use of available resources. To more fully respond to these needs, NSF has been preparing Master Plans for McMurdo and Palmer stations. In addition, NSF has been expanding planning efforts to address the needs of other USAP components including South Pole Station, field camps, vessels, and traverse capabilities. To address the issues and fulfill the purpose and need of the proposed action, two alternatives have been identified for evaluation in the CEE:

Alternative A—Implement the McMurdo Station Master Plan, Palmer Station Master Plan, South Pole Station renovation and maintenance plan; and maintain and improve traverse, field camp, and marine capabilities (Proposed Action). This alternative would include the modernization of McMurdo Station and Palmer Station through reconstruction, consolidation, and renovation of facilities. Critical maintenance as well as facility and infrastructure improvements would be made at the Amundsen-Scott South Pole Station. Traverse, field camp, and marine operations and capabilities would be maintained and enhanced to meet evolving science requirements, improve efficiencies, and continue to protect health, safety, and the environment.

Alternative B—Maintain facilities and capabilities at the current level of performance. This alternative maintains the “status quo” of USAP facilities and capabilities across the program, including at all three stations, camps, traverse, and vessels. This alternative represents the ‘No action’ alternative. The improvement or replacement of facilities to prevent major structural failures, and mitigate risks to health and safety, would be conducted on a modest, long-term implementation schedule.

The purpose of the public scoping process is to determine relevant issues that will influence the scope of the environmental analysis, including identification of viable alternatives, and guide the process for developing the CEE. At present, NSF has identified the following preliminary resource areas for analysis of potential impacts: Air quality, climate, marine and terrestrial biological resources, geological resources, glacial resources, water quality, groundwater resources, aesthetics, wilderness values, solid waste generation, and health and safety. Federal, state, and local agencies, along with other stakeholders that may be interested or affected by NSF’s decision on this proposal are invited to participate in the scoping process.

Dated: August 19, 2016.

**Nadene G. Kennedy,**  
*Polar Coordination Specialist, Division of Polar Programs.*

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## NUCLEAR REGULATORY COMMISSION

### Advisory Committee on Reactor Safeguards (ACRS) Meeting of the ACRS Subcommittee on Reliability and PRA; Notice of Meeting

The ACRS Subcommittee on Reliability and PRA will hold a meeting on September 7, 2016, Room T–2B1, 11545 Rockville Pike, Rockville, Maryland.

The meeting will be open to public attendance.

The agenda for the subject meeting shall be as follows:

#### Wednesday, September 7, 2016—1 p.m. Until 5 p.m.

The Subcommittee will be briefed on the activities of Risk-Informed Steering Committee from both the staff and the industry. The Subcommittee will hear presentations by and hold discussions with the NRC staff, the industry, and

interested persons regarding this matter. The Subcommittee will gather information, analyze relevant issues and facts, and formulate proposed positions and actions, as appropriate, for deliberation by the Full Committee.

Members of the public desiring to provide oral statements and/or written comments should notify the Designated Federal Official (DFO), John Lai (Telephone 301-415-5197 or Email: [John.Lai@nrc.gov](mailto:John.Lai@nrc.gov)) five days prior to the meeting, if possible, so that appropriate arrangements can be made. Thirty-five hard copies of each presentation or handout should be provided to the DFO thirty minutes before the meeting. In addition, one electronic copy of each presentation should be emailed to the DFO one day before the meeting. If an electronic copy cannot be provided within this timeframe, presenters should provide the DFO with a CD containing each presentation at least thirty minutes before the meeting. Electronic recordings will be permitted only during those portions of the meeting that are open to the public. Detailed procedures for the conduct of and participation in ACRS meetings were published in the **Federal Register** on October 21, 2015 (80 FR 63846).

Detailed meeting agendas and meeting transcripts are available on the NRC Web site at <http://www.nrc.gov/reading-rm/doc-collections/acrs>. Information regarding topics to be discussed, changes to the agenda, whether the meeting has been canceled or rescheduled, and the time allotted to present oral statements can be obtained from the Web site cited above or by contacting the identified DFO. Moreover, in view of the possibility that the schedule for ACRS meetings may be adjusted by the Chairman as necessary to facilitate the conduct of the meeting, persons planning to attend should check with these references if such rescheduling would result in a major inconvenience.

If attending this meeting, please enter through the One White Flint North Building, 11555 Rockville Pike, Rockville, Maryland. After registering with security, please contact Mr. Theron Brown (Telephone 240-888-9835) to be escorted to the meeting room.

Dated: August 17, 2016.

**Mark L. Banks,**

*Chief, Technical Support Branch, Advisory Committee on Reactor Safeguards.*

[FR Doc. 2016-20266 Filed 8-23-16; 8:45 am]

**BILLING CODE 7590-01-P**

## NUCLEAR REGULATORY COMMISSION

### Advisory Committee on Reactor Safeguards (ACRS) Meeting of the ACRS Subcommittee on T-H Phenomena; Notice of Meeting

The ACRS Subcommittees on T-H Phenomenon and Metallurgy & Reactor Fuels will hold a meeting on September 19, 2016, Room T-2B1, 11545 Rockville Pike, Rockville, Maryland.

The meeting will be open to public attendance with the exception of portions that may be closed to protect information that is proprietary pursuant to 5 U.S.C. 552b(c)(4). The agenda for the subject meeting shall be as follows:

#### Monday, September 19, 2016—8:30 a.m. Until 5 p.m.

The Subcommittee will review the fidelity of methods and codes for operation at AREVA's Extended Flow Window (plant-specific Monticello). The Subcommittee will hear presentations by and hold discussions with the NRC staff regarding this matter. The Subcommittee will gather information, analyze relevant issues and facts, and formulate proposed positions and actions, as appropriate, for deliberation by the Full Committee.

Members of the public desiring to provide oral statements and/or written comments should notify the Designated Federal Official (DFO), Zena Abdullahi (Telephone 301-415-8716 or Email: [Zena.Abdullahi@nrc.gov](mailto:Zena.Abdullahi@nrc.gov)) five days prior to the meeting, if possible, so that appropriate arrangements can be made. Thirty-five hard copies of each presentation or handout should be provided to the DFO thirty minutes before the meeting. In addition, one electronic copy of each presentation should be emailed to the DFO one day before the meeting. If an electronic copy cannot be provided within this timeframe, presenters should provide the DFO with a CD containing each presentation at least thirty minutes before the meeting. Electronic recordings will be permitted only during those portions of the meeting that are open to the public. Detailed procedures for the conduct of and participation in ACRS meetings were published in the **Federal Register** on October 21, 2015, (80 FR 63846).

Detailed meeting agendas and meeting transcripts are available on the NRC Web site at <http://www.nrc.gov/reading-rm/doc-collections/acrs>. Information regarding topics to be discussed, changes to the agenda, whether the meeting has been canceled or rescheduled, and the time allotted to

present oral statements can be obtained from the Web site cited above or by contacting the identified DFO. Moreover, in view of the possibility that the schedule for ACRS meetings may be adjusted by the Chairman as necessary to facilitate the conduct of the meeting, persons planning to attend should check with these references if such rescheduling would result in a major inconvenience.

If attending this meeting, please enter through the One White Flint North building, 11555 Rockville Pike, Rockville, MD. After registering with security, please contact Mr. Theron Brown (Telephone 240-888-9835) to be escorted to the meeting room.

Dated: August 16, 2016.

**Mark L. Banks,**

*Chief, Technical Support Branch, Advisory Committee on Reactor Safeguards.*

[FR Doc. 2016-20270 Filed 8-23-16; 8:45 am]

**BILLING CODE 7590-01-P**

## NUCLEAR REGULATORY COMMISSION

[Docket Nos. 50-275 and 50-323; NRC-2009-0552]

### Pacific Gas and Electric Company; Diablo Canyon Power Plant, Units 1 and 2; Annual Updates to License Renewal Application

**AGENCY:** Nuclear Regulatory Commission.

**ACTION:** Exemption; issuance.

**SUMMARY:** The U.S. Nuclear Regulatory Commission (NRC) is issuing an exemption in response to an August 1, 2016, request from Pacific Gas and Electric Company (PG&E), which requested an exemption from the requirement to submit annual updates to its license renewal application (LRA) for Diablo Canyon Power Plant (DCPP), Units 1 and 2. The NRC staff reviewed this request and determined that it is appropriate to grant the exemption while the review of the LRA remains suspended.

**DATE:** The exemption is effective on August 24, 2016.

**ADDRESSES:** Please refer to Docket ID NRC-2009-0552 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-2009-0552. Address questions about NRC dockets to Carol Gallagher; telephone: 301-415-3463;