

Friday. You may obtain a copy of the data collection instruments and instructions from Ms. Plimpton.

**SUPPLEMENTARY INFORMATION:**

*Title of Collection:* Revitalizing Computing Pathways (CPATH) in Undergraduate Education Program Evaluation.

*OMB Number:* 3145-NEW.

*Expiration Date of Approval:* Not Applicable.

*Type of request:* New.

*Abstract:* The CPATH program was established by the National Science Foundation's Computer & Information Science & Engineering (CISE) division with a vision towards preparing a U.S. workforce with the computing competencies and skills imperative to the Nation's health, security, and prosperity in the 21st century. This workforce includes a cadre of computing professionals prepared to contribute to sustained U.S. leadership in computing in a wide range of application domains and career fields, and a broader professional workforce with knowledge and understanding of critical computing concepts, methodologies, and techniques. To achieve this vision, CISE/CPATH is calling for colleges and universities to work together and with other stakeholders (industry, professional societies, and other types of organizations) to formulate and implement plans to revitalize undergraduate computing education in the United States. The full engagement of faculty and other individuals in CISE disciplines will be critical to success. Successful CPATH projects will be systemic in nature, address a broad range of issues, and have significant potential to contribute to the transformation and revitalization of undergraduate computing education on a national scale.

The qualitative data collection of this program evaluation will document CPATH program strategies utilized in infusing computational thinking across different contexts and disciplines, examine the development of communities of practitioners and the dissemination of best practices around computational thinking, and analyze preliminary evidence for how the CPATH program is preparing students for career options in the STEM workforce.

Five overarching evaluation questions will guide this program evaluation:

(1) How is the CPATH program infusing computational thinking into a wide range of disciplines serving undergraduate education?

(2) What is the evidence that university and community college

departments and faculty are integrating computational thinking into their courses?

(3) How are undergraduate students benefiting from participating in CPATH projects?

(4) What is the evidence that the CPATH program is developing communities of practitioners that regularly share best practices across different contexts and disciplinary boundaries?

(5) How is the CPATH program promoting sustainable multi-sector partnerships that represent a broad range of stakeholders (e.g., industry, higher education, K12) and contribute to workforce development that supports continued U.S. leadership in innovation?

Answers to these questions will be obtained through the use of mixed evaluation methods including document analyses, site visit interviews, and telephone interviews with selected CPATH grant participants including principal investigators, staff, faculty, administrators, students, and external partners. Participation in CPATH program evaluation activities is a mandatory requirement for all CPATH awardees in accordance with the America Competes Act, H.R. 2272, and implementing directives.

*Estimate of Burden:* Public reporting burden for this collection of information is estimated to average 1.5 hours per response.

*Respondents:* Individuals.

*Estimated Number of Responses per Form:* 200.

*Estimated Total Annual Burden on Respondents:* 300 hours (200 respondents at 1.5 hours per response).

*Frequency of Response:* One time.

*Comments:* Comments are invited on (a) Whether the proposed collection of information is necessary for the proper performance of the functions of the NSF, including whether the information shall have practical utility; (b) the accuracy of the NSF's estimate of the burden of the proposed collection of information; (c) ways to enhance the quality, utility, and clarity of the information on respondents, including through the use of automated collection techniques or other forms of information technology; (d) ways to minimize the burden of the collection of information on those who are to respond, including through the use of appropriate automated, electronic, mechanical or other technological collection techniques or other forms of information technology.

Dated: September 17, 2009.

**Suzanne H. Plimpton,**

*Reports Clearance Officer, National Science Foundation.*

[FR Doc. E9-22772 Filed 9-21-09; 8:45 am]

**BILLING CODE 7555-01-P**

**NATIONAL SCIENCE FOUNDATION**

**Notice of Permit Applications Received Under the Antarctic Conservation Act of 1978 (Pub. L. 95-541)**

**AGENCY:** National Science Foundation.

**ACTION:** Notice of Permit Applications Received under the Antarctic Conservation Act of 1978, Public Law 95-541.

**SUMMARY:** The National Science Foundation (NSF) is required to publish notice of permit applications received to conduct activities regulated under the Antarctic Conservation Act of 1978. NSF has published regulations under the Antarctic Conservation Act at Title 45 part 670 of the Code of Federal Regulations. This is the required notice of permit applications received.

**DATES:** Interested parties are invited to submit written data, comments, or views with respect to this permit application by October 22, 2009. This application may be inspected by interested parties at the Permit Office, address below.

**ADDRESSES:** Comments should be addressed to Permit Office, Room 755, Office of Polar Programs, National Science Foundation, 4201 Wilson Boulevard, Arlington, Virginia 22230.

**FOR FURTHER INFORMATION CONTACT:** Nadene G. Kennedy at the above address or (703) 292-7405.

**SUPPLEMENTARY INFORMATION:** The National Science Foundation, as directed by the Antarctic Conservation Act of 1978 (Pub. L. 95-541), as amended by the Antarctic Science, Tourism and Conservation Act of 1996, has developed regulations for the establishment of a permit system for various activities in Antarctica and designation of certain animals and certain geographic areas requiring special protection. The regulations establish such a permit system to designate Antarctic Specially Protected Areas.

The applications received are as follows:

1. *Applicant:* Permit Application No. 2010-012. Sam Feola, Director, Raytheon Polar Services Company, 7400 South Tucson Way, Centennial, CO 80112.

**Activity for Which Permit Is Requested**

Enter Antarctic Specially Protected Area. The applicant plans to enter Cape Crozier (ASPA 124) to install radio equipment that will provide voice and data services for the science team working in the area. Equipment will be located inside the fish hut as well as a small radio link located approximately 100 yards away on the ridge facing Mt. Terror. Visits will be to install equipment, repair to communications equipment should failure of the radio links occur, and to retrieve the equipment at the end of the season.

**Location**

Cape Crozier (ASPA 124).

**Dates**

October 1, 2009 to February 18, 2010.

2. *Applicant:* Permit Application No. 2010-013. Sam Feola, Director, Raytheon Polar Services Company, 7400 South Tucson Way, Centennial, CO 80112.

**Activity for Which Permit Is Requested**

Enter Antarctic Specially Protected Area. The applicant plans to enter "New College Valley", Caughley Beach, Cape Bird (ASPA 116) to install radio equipment that will provide voice and data services for the science team working in the area. Equipment will be located inside the fish hut as well as a small radio link located approximately 75 yards away on the ridge nearest Mt. Bird. Visits will be to install equipment, repair to communications equipment should failure of the radio links occur, and to retrieve the equipment at the end of the season

**Location**

Cape Crozier (ASPA 124).

**Dates**

October 1, 2009 to February 18, 2010.

3. *Applicant:* Permit Application No. 2010-014. Jessica Grindstaff, 40 Harrison Street, 15J, New York City, NY 10013.

**Activity for Which Permit Is Requested**

Enter Antarctic Specially Protected Areas. The applicant plans to enter Cape Royds (ASPA 121) and Backdoor Bay, Cape Royds (ASPA 157) to enter the areas to further their research involving Ernest Shackleton. In addition to their studies on Shackleton and his Endurance Expedition, they are studying the light, sound (ice, water, wind, and fauna) and topography for use in their score and designs for "69 °S.: The Shackleton Project."

**Location**

Cape Royds (ASPA 121) and Backdoor Bay, Cape Royds (ASPA 157).

**Dates**

January 25, 2010 to February 5, 2010.

**Nadene G. Kennedy,**

*Permit Officer, Office of Polar Programs.*

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**BILLING CODE 7555-01-P**

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**NUCLEAR REGULATORY COMMISSION**

[NRC-2009-0407]

**BiWeekly Notice Applications and Amendments to Facility Operating Licenses; Involving No Significant Hazards Considerations**
**I. Background**

Pursuant to section 189a. (2) of the Atomic Energy Act of 1954, as amended (the Act), the U.S. Nuclear Regulatory Commission (the Commission or NRC) is publishing this regular biweekly notice. The Act requires the Commission publish notice of any amendments issued, or proposed to be issued and grants the Commission the authority to issue and make immediately effective any amendment to an operating license upon a determination by the Commission that such amendment involves no significant hazards consideration, notwithstanding the pendency before the Commission of a request for a hearing from any person.

This biweekly notice includes all notices of amendments issued, or proposed to be issued from August 27, 2009 to September 9, 2009. The last biweekly notice was published on September 8, 2009 (74 FR 46239).

**Notice of Consideration of Issuance of Amendments to Facility Operating Licenses, Proposed No Significant Hazards Consideration Determination, and Opportunity for a Hearing**

The Commission has made a proposed determination that the following amendment requests involve no significant hazards consideration. Under the Commission's regulations in Title 10 of the *Code of Federal Regulations* (10 CFR), Section 50.92, this means that operation of the facility in accordance with the proposed amendment would not (1) involve a significant increase in the probability or consequences of an accident previously evaluated; or (2) create the possibility of a new or different kind of accident from any accident previously evaluated; or (3) involve a significant reduction in a

margin of safety. The basis for this proposed determination for each amendment request is shown below.

The Commission is seeking public comments on this proposed determination. Any comments received within 30 days after the date of publication of this notice will be considered in making any final determination.

Normally, the Commission will not issue the amendment until the expiration of 60 days after the date of publication of this notice. The Commission may issue the license amendment before expiration of the 60-day period provided that its final determination is that the amendment involves no significant hazards consideration. In addition, the Commission may issue the amendment prior to the expiration of the 30-day comment period should circumstances change during the 30-day comment period such that failure to act in a timely way would result, for example in derating or shutdown of the facility. Should the Commission take action prior to the expiration of either the comment period or the notice period, it will publish in the **Federal Register** a notice of issuance. Should the Commission make a final No Significant Hazards Consideration Determination, any hearing will take place after issuance. The Commission expects that the need to take this action will occur very infrequently.

Written comments may be submitted by mail to the Chief, Rulemaking and Directives Branch (RDB), TWB-05-B01M, Division of Administrative Services, Office of Administration, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, and should cite the publication date and page number of this **Federal Register** notice. Written comments may also be faxed to the RDB at 301-492-3446. Documents may be examined, and/or copied for a fee, at the NRC's Public Document Room (PDR), located at One White Flint North, Public File Area O-1 F21, 11555 Rockville Pike (first floor), Rockville, Maryland.

Within 60 days after the date of publication of this notice, any person(s) whose interest may be affected by this action may file a request for a hearing and a petition to intervene with respect to issuance of the amendment to the subject facility operating license. Requests for a hearing and a petition for leave to intervene shall be filed in accordance with the Commission's "Rules of Practice for Domestic Licensing Proceedings" in 10 CFR Part 2. Interested person(s) should consult a current copy of 10 CFR 2.309, which is