

Comments: Comments are invited on (a) whether the proposed collection of information is necessary for the proper performance of the functions of the Agency, including whether the information shall have practical utility; (b) the accuracy of the Agency'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: May 21, 2008.

Suzanne H. Plimpton,

Reports Clearance Officer, National Science Foundation.

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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 June 26, 2008. 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:* Terrie M. Williams, COH-Long Lab, University of California, Santa Cruz, 100 Shaffer Road, Santa Cruz, CA 95060. Permit Application No. 2009-005.

Activity for Which Permit is

Requested: Take and Import into the USA. The applicant plans to capture up to 50 non-pregnant adult Weddell Seals each season over the course of 2 years. The seals will be weighed, measured, sedated to attach instruments and collect blood and tissue samples, then released. The samples and measurements will be used to determine how hunting behavior, prey preference and foraging of Weddell seals changes during periods of decreasing and increasing photoperiod (autumn and spring) and the extended period of winter darkness (mid-May to early August).

Location: McMurdo Sound.

Dates: August 1, 2008 to December 30, 2011.

Nadene G. Kennedy,

Permit Officer, Office of Polar Programs.

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NUCLEAR REGULATORY COMMISSION

Draft Regulatory Guide: Issuance, Availability

AGENCY: Nuclear Regulatory Commission.

ACTION: Notice of issuance and availability of Draft Regulatory Guide (DG)-1175.

FOR FURTHER INFORMATION CONTACT:

Ching H. Ng, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, telephone: (301) 415-8054 or e-mail Ching.Ng@nrc.gov.

SUPPLEMENTARY INFORMATION:

I. Introduction

The U.S. Nuclear Regulatory Commission (NRC) has issued for public

comment a draft guide in the agency's "Regulatory Guide" series. This series was developed to describe and make available to the public such information as methods that are acceptable to the NRC staff for implementing specific parts of the NRC's regulations, techniques that the staff uses in evaluating technical information related to specific problems or postulated accidents, and data that the staff needs in its review of applications for permits and licenses.

The draft regulatory guide, entitled, "Seismic Qualification of Electric and Active Mechanical Equipment and Functional Qualification of Active Mechanical Equipment for Nuclear Power Plants," is temporarily identified by its task number, DG-1175, which should be mentioned in all related correspondence.

The NRC issued Revision 2 of Regulatory Guide 1.100, titled "Seismic Qualification of Electric and Mechanical Equipment for Nuclear Power Plants," in June 1988. With a few exceptions and clarifications, it endorsed the Institute of Electrical and Electronics Engineers (IEEE) Std 344-1987, "IEEE Recommended Practice for Seismic Qualification of Class 1E Equipment for Nuclear Power Generating Stations," and extended the application of that standard to the seismic qualification of mechanical equipment. In extending the application of IEEE Std 344-1987 to mechanical equipment, the NRC staff recognized differences in seismic qualification methods for electric equipment (including instrumentation and control (I&C) components) and mechanical equipment. Specifically, Revision 2 of Regulatory Guide 1.100 stated that seismic qualification of mechanical equipment by analysis is permitted when such equipment can be modeled to adequately predict its response. The IEEE has updated IEEE Std 344-1987 and issued it as IEEE Std 344-2004 in June 2005.

Revision 2 also stated that the American Society of Mechanical Engineers (ASME) was developing a standard for seismic qualification of mechanical equipment and, upon publication of that standard, the NRC staff would review it for suitability for endorsement by a revision of Regulatory Guide 1.100. In 1994, the ASME issued a standard, ASME QME-1-1994, "Qualification of Active Mechanical Equipment Used in Nuclear Power Plants." The ASME QME-1 covers both seismic qualification and functional qualification of active mechanical equipment. The ASME subsequently revised and reissued the standard in 1997, 2000, and 2002, with the last