

TABLE 1.—Continued

Committee Name	Tentative Date(s) of Meeting(s)	Advisory Committee 10-Digit Information Line Code
Ophthalmic Devices Panel	May 24–25, July 12–13, October 2–3, November 29–30.	3014512396
Orthopaedic and Rehabilitation Devices Panel	February 22–23, March 27–28, May 22–23, July 17–18 September 18–19. November 13–14	3014512521
Radiological Devices Panel	May 15, August 21, November 13.	3014512526
National Mammography Quality Assurance Advisory Committee	May 21–22.	3014512397
Technical Electronic Product Radiation Safety Standards Committee	September 19.	3014512399
CENTER FOR FOOD SAFETY AND APPLIED NUTRITION		
Food Advisory Committee	May 1–2, September 25–26.	3014510564
CENTER FOR VETERINARY MEDICINE		
Veterinary Medicine Advisory Committee	September 7.	3014512548
National Center for Toxicological Research (NCTR)	September day(s) to be announced.	3014512559

Dated: December 22, 2006.

**Randall W. Lutter,**

*Associate Commissioner for Policy and Planning.*

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**BILLING CODE 4160–01–S**

## DEPARTMENT OF HEALTH AND HUMAN SERVICES

### National Institutes of Health

#### Proposed Collection; Comment Request; Genetic Studies in a Cohort of U.S. Radiologic Technologists

**SUMMARY:** In compliance with the requirement of Section 3506(c)(2)(A) of the Paperwork Reduction Act of 1995, for opportunity for public comment on proposed data collection projects, the National Cancer Institute, the National Institutes of Health (NIH) will publish periodic summaries of proposed projects to be submitted to the Office of Management and Budget (OMB) for review and approval.

#### Proposed Collection

*Title:* Genetic Studies in a Cohort of U.S. Radiologic Technologists (formerly known as “Generic Clearance to Collect Medical Outcome and Risk Factor Data from a Cohort of U.S. Radiologic Technologists”).

*Type of Information Collection Request:* Renewal with change of a previously approved collection (OMB No. 0925–0405, expiration 02/28/2007).

#### *Need and Use of Information*

*Collection:* The primary aim of this collection is to substantially increase knowledge about the possible modifying role of genetic variation on the long-term health effects associated with protracted low-to moderate-dose radiation exposures. With this submission, the NIH, Office of Communications and Public Liaison, seeks to obtain OMB’s approval to collect biospecimens and risk factor data in this ongoing cohort study of U.S. radiologic technologists to assess genetic and molecular risk factors for cancer, and to evaluate possible modifying effects of genetic variation on radiation-cancer relationships. Researchers at the National Cancer Institute and The University of Minnesota have followed a nationwide cohort of 146,000 radiologic technologists since 1982, of whom 110,000 completed at least one of three prior questionnaire surveys and 18,400 are deceased. This cohort is unique because estimates of cumulative radiation dose to specific organs (e.g. breast) are available and the cohort is largely female, offering a rare opportunity to study effects of low-dose radiation exposure on breast and thyroid cancers, the two most sensitive organ sites for radiation carcinogenesis in women. Overall study objectives are: (1) To quantify radiation dose-response for cancers of the breast, thyroid, and other radiogenic sites, and selected benign conditions related to cancer (e.g. thyroid nodules); (2) to assess cancer

risk associated with genotypic, phenotypic, or other biologically measurable factors (e.g. serum levels of C-reactive protein, insulin growth factors or binding proteins); and (3) to determine if genetic variation modifies the radiation-related cancer risk. A third follow-up of this cohort was completed during the past three years. During 2003–2005, the “Third Survey” questionnaire was mailed or administered by telephone to 101,694 living cohort members who had completed at least one prior survey; 73,838 technologists (73% response) completed the survey. The questionnaire elicited information on: Medical outcomes to assess radiation-related risks; detailed employment data to refine the occupational radiation dose estimates; and behavioral and residential histories for estimating lifetime ultraviolet (UV) radiation exposure. Analyses of these data are currently underway and findings will address an important gap in the scientific understanding of radiation dose-rate effects, i.e., whether cumulative exposures of the same magnitude have the same health effects when received in a single or a few doses over a very short period of time (as in the atomic bomb or therapeutic exposures) or in many small doses over a protracted period of time (as in medical or nuclear occupational settings).

There are few, if any, other study populations in which both quantified breast radiation doses and blood

samples are available for individuals with protracted low-dose radiation exposures. The current petition is for renewal with change of the previous clearance to administer a Genetic Studies Questionnaire and collect biospecimens from 10,000 cohort members who completed at least one prior survey. These individuals would serve as a comparison group for case-cohort studies of gene main effects and gene-radiation interactions. To improve statistical power to detect such associations, we plan to select the comparison sample based on dose; this is to ensure inclusion of sufficient numbers of high-dose individuals. The Genetic Studies Questionnaire will collect information on: Family history of

cancer; reproductive history in women (e.g. pregnancy outcomes, menopause); personal medical radiation exposures (e.g. diagnostic x-rays, therapeutic irradiation); and personal history of chemotherapy. The survey will be in optical-read format for computerized data capture. A blood collection kit will be mailed to technologists who complete the Genetic Studies Questionnaire; they will be asked to take the kit to a phlebotomist to have a single tube of blood drawn and returned to the study laboratory by pre-paid Federal Express overnight delivery. Ongoing efforts to medically validate self-reported cancers and other medical outcomes will continue.

The annual reporting burden is as follows:

*Frequency of Response:* On occasion.

*Affected Public:* U.S. radiologic technologists who willingly participated in earlier investigations to quantify the carcinogenic risks of protracted low-to moderate-dose occupational radiation exposures.

*Estimated Number of Respondents:* 4,233.

*Estimated Number of Responses per Respondent:* 1.

*Average Burden Hours per Response:* 1.3.

*Annual Burden Hours Requested:* 5,630. Total cost to respondents is estimated at \$157,471. There are no capital costs, operating costs and/or maintenance costs to report.

RESPONDENT AND BURDEN ESTIMATE

[OMB No. 0925-0405]

Type of respondent	Number of respondents (3 yr)	Frequency of response	Total respondents (3 yr)	Average hours per response	Total hours (3 yr)	Annual hour burden
<b>Genetic Studies/Risk Factor Survey and Blood Collection</b>						
Sub-Cohort .....	10,000	1	10,000	1.66666	16,666	5,555
<b>Medical Validation</b>						
Hospitals/Physicians .....	2,700	1	2,700	0.08333	225	75
Total .....	12,700	.....	12,700	.....	16,891	5,630

*Request for Comments:* Written comments and/or suggestions from the public and affected agencies are invited on one or more of the following points: (1) Whether the proposed collection of information is necessary for the proper performance of the functioning of the National Cancer Institute, including whether the information will have practical utility; (2) the accuracy of the agency's estimate of the burden of the proposed collection of information, including the validity of the methodology and assumptions used; (3) ways to enhance the quality, utility, and clarity of the information to be collected; and (4) ways to minimize the burden of the collection of information on those who are to respond, including the use of appropriate automated, electronic, mechanical, or other technological collection techniques or other forms of information technology. **FOR FURTHER INFORMATION CONTACT:** To request additional information on the proposed collection of information contact: Michele M. Doody, Radiation Epidemiology Branch, National Cancer Institute, Executive Plaza South, Room 7040, Bethesda, MD 20892-7238, or call non-toll-free at 301-594-7203. You may

also e-mail your request to [doodym@mail.nih.gov](mailto:doodym@mail.nih.gov).

*Comments Due Date:* Comments regarding this information collection are best assured of having their full effect if received within 60 days of this publication.

Dated: December 20, 2006.

**Rachelle Ragland-Greene,**  
*NCI Project Clearance Liaison, National Institutes of Health.*  
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**BILLING CODE 4101-01-P**

**DEPARTMENT OF HOMELAND SECURITY**

**Office of the Secretary**

[Docket No. DHS-2006-0076]

**Privacy Act of 1974; System of Records**

**AGENCY:** Privacy Office, DHS.  
**ACTION:** Notice of Privacy Act System of Records.

**SUMMARY:** In accordance with the Privacy Act of 1974, the Department of Homeland Security is giving notice that

it proposes to add a new system of records to its inventory of record systems for Department of Homeland Security General Information Technology Access Account Records System.

**DATES:** Written comments must be submitted on or before January 29, 2007.

**ADDRESSES:** You may submit comments, identified by Docket Number DHS-2006-0076 by one of the following methods:

- *Federal e-Rulemaking Portal:* <http://www.regulations.gov>. Follow the instructions for submitting comments.

- *Fax:* 202-572-8727 (not a toll-free number).

- *Mail:* Hugo Teufel III, Chief Privacy Officer, Privacy Office, Department of Homeland Security, Washington, DC 20528.

**FOR FURTHER INFORMATION CONTACT:** Please identify by Docket Number DHS-2006-0076 to request further information by one of the following methods:

- *Mail:* Hugo Teufel III, Chief Privacy Officer, Privacy Office, Department of Homeland Security, Washington, DC 20528.