

**Public Health System Reporting Requirements**

This program is not subject to the Public Health System Reporting Requirements.

**Catalog of Federal Domestic Assistance Number**

The Catalog of Federal Domestic Assistance number is 93.283.

**Other Requirements**

*Paperwork Reduction Act*

Projects that involve the collection of information from 10 or more individuals and funded by the cooperative agreement will be subject to review and approval by the Office of Management and Budget (OMB) under the Paperwork Reduction Act.

*Human Subjects*

If the proposed project involves research on human subjects, the applicant must comply with the DHHS Regulations, 45 CFR part 46, regarding the protection of human subjects. Assurance must be provided to demonstrate the project will be subject to initial and continuing review by an appropriate institutional review committee. The applicant will be responsible for providing assurance in accordance with the appropriate guidelines and form provided in the application kit.

In addition to other applicable committees, Indian Health Service (IHS) institutional review committees also must review the project if any component of IHS will be involved or will support the research. If any American Indian community is involved, its tribal government must also approve that portion of the project applicable to it.

**Application Submission and Deadline**

The original and two copies of the application PHS Form 398 (OMB No. 0925-0001) must be submitted to Henry S. Cassell, III, Grants Management Officer, Grants Management Branch, Procurement and Grants Office, Centers for Disease Control and Prevention (CDC), Mailstop E-13, 255 East Paces

Ferry Road, NE., Room 300, Atlanta, GA 30305, on or before July 21, 1995.

1. Deadline: Applications will be considered as meeting the deadline if they are either:

(a) Received on or before the deadline date, or

(b) Sent on or before the deadline date and received in time for submission to the independent review group. Applicants must request a legibly dated U.S. Postal Service postmark or obtain a legibly dated receipt from a commercial carrier or the U.S. Postal Service. Private metered postmarks will not be acceptable as proof of timely mailing.

2. Late Applications: Applications which do not meet the criteria in 1.(a) or 1.(b) above are considered late applications. Late applications will not be considered in the current competition and will be returned to the applicant.

**Where To Obtain Additional Information**

To receive additional written information call (404) 332-4561. You will be asked to leave your name, address, and telephone number and will need to refer to Announcement 559. You will receive a complete program description, information on application procedures, and application forms.

If you have questions after reviewing the contents of all the documents, business management technical assistance may be obtained from Oppie Byrd, Grants Management Specialist, Grants Management Branch, Procurement and Grants Office, Centers for Disease Control and Prevention (CDC), 255 East Paces Ferry Road, NE., Room 300, Mailstop E-13, Atlanta, GA 30305, telephone (404) 842-6546.

Programmatic technical assistance may be obtained from Paul K. Henneberger, Sc.D., Division of Respiratory Disease Studies, National Institute for Occupational Safety and Health, Centers for Disease Control and Prevention (CDC), Mailstop 234, 1095 Willowdale Road, Morgantown, WVA 26505-2845, telephone (304) 285-5756.

Please refer to Announcement 559 when requesting information and submitting an application.

Potential applicants may obtain a copy of Healthy People 2000 (Full Report, Stock No. 017-001-00474-0) or Healthy People 2000 (Summary Report, Stock No. 017-001-00473-1) referenced in the INTRODUCTION through the Superintendent of Documents, Government Printing Office, Washington, DC 20402-9325, telephone (202) 512-1800.

Dated: June 12, 1995.

**Diane D. Porter,**

*Acting Director, National Institute for Occupational Safety and Health Centers for Disease Control and Prevention (CDC).*

**Appendix**

**Beryllium-Exposed Worker Cohorts**

Below is a listing of facilities in which workers are or have been known to be exposed to beryllium.

**Beryllium Production Facilities**

NIOSH conducted a cohort mortality study of employees at the Cabot Berylco plants in Reading and Hazelton, Pennsylvania, and at the Lorain, Perkins, Lucky, St. Clair, and Elmore, Ohio plants of the Brush-Wellman Company (Ward, Am. J. Indust. Med. 1992). These seven plants represent all of the beryllium production plants that have been in operation in the United States. Collectively, the plants cover 57 years of beryllium exposure history, with the oldest facility beginning operations in 1935 and the most recent beginning in 1963. Approximately 9200 workers have been employed at these facilities. The names, location, and years of operation of these plants are listed in Table 1.

**Defense Nuclear Facilities**

Facilities at which there are or were beryllium operations are listed in Table 2. Of these, the major beryllium operations sites are/were Rocky Flats, Ames, Argonne National Laboratory, Y-12, Lawrence Livermore National Laboratory (LLNL), and Los Alamos National Laboratory (LANL). Because the criteria for designation as a "beryllium worker" have differed within and between facilities, it is difficult to state the size of the worker population at these facilities exposed to beryllium. However, it has been estimated that more than 10,000 persons may have qualified at some time as a beryllium worker at these facilities.

TABLE 1.—BERYLLIUM PRODUCTION PLANTS IN THE UNITED STATES

| Company                     | Plant                             | Date start production | Date end production |
|-----------------------------|-----------------------------------|-----------------------|---------------------|
|                             | Lorain, Ohio .....                | 1935                  | 1948                |
|                             | Lucky, Ohio .....                 | 1950                  | 1958                |
|                             | Elmore, Ohio .....                | 1952                  | (1)                 |
|                             |                                   |                       | (2)                 |
| Brush Wellman .....         | Perkins (Cleveland, Ohio) .....   | 1937                  | 1963                |
|                             | St. Clair (Cleveland, Ohio) ..... | 1963                  | 1973                |
| Kawecki-Berylco/Cabot ..... | Reading, Pennsylvania .....       | 1935                  | (1)                 |