

CYNTHIA J. BOGGS

Environmental Policy Analysis Section
Environmental Science Division
Argonne National Laboratory

Education:

M.S. Purdue University, Health Physics, 1973
B.S. Purdue University, Animal Science, 1972

Professional Experience:

1997-Present Program Manager
Environmental Science Division
Argonne National Laboratory

Manages Argonne's program in support of the Highly Enriched Uranium Transparency Program with the National Nuclear Security Administration. This program implements an Agreement between the U.S. and Russian governments which allows for the purchase of highly enriched uranium from Russian nuclear weapon components which is blended down to low enriched uranium and shipped to the U.S. for use in commercial reactors. Technical support to this program includes the day-to-day management of a U.S. continuously staffed office outside one of the Russian nuclear facilities. Program staff members serve on technical monitoring trips to Russian facilities, and analyze the Russian data after it is returned to the U.S.

Summary of Previous Experience:

1993-1996 Environmental Assessment and Information Science Division
Argonne National Laboratory

Supported the Office of Nuclear Energy (NE) which includes modifying and tracking activities required in the Toxic Substances Control Act Federal Facilities Compliance Agreement at the Portsmouth and Paducah Gaseous Diffusion Plants (GDPs).

Supported the Office of Environmental Restoration. Primary responsibility includes the review of waste management programs at the GDPs in Portsmouth, Ohio and Paducah, Kentucky. Activities include the review of site waste management documents and deliverables; review of Federal Facility Compliance Act deliverables; perform cost reviews of waste management activities; work with sites to facilitate the shipment of waste offsite; and interact with EM-30 to integrate the GDP waste management activities with other activities across the Department of Energy complex.

1988-1992 Environmental Assessment and Information Science Division
Argonne National Laboratory

Served as the Assistant Project Leader for the preparation of the Environmental Impact Statement (EIS) for the DOE Office of New Production Reactors. Activities include coordination of the varied technical areas required for analysis in the document.

Project leader for preparation of documents related to the National Environmental Policy Act (NEPA) and the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) for the Formerly Utilized Sites Remedial Action Program (FUSRAP). Provided project management responsibilities and radiological analyses.

1984-1988 U.S. Department of Energy, Chicago Operations Office
Argonne, Illinois

Managed Economic and System Analyses Program in support of the Office of Civilian Radioactive Waste Management, Office of Storage and Transportation Systems. Directed contractor efforts in developing analytical models to assess cost and risk of transportation alternatives. Directed activities to document transportation impacts for the Repository EIS.

1981-1984 Idaho Chemical Processing Plant
Westinghouse Idaho Nuclear Corp., Idaho Falls, Idaho

Managed Radiological Hazards Analysis Program for nuclear fuel reprocessing facility and integrated the Program into all analytical laboratory work and operations activities at the facility. Performed radiological consequence analyses to support Safety Analysis Reviews.

1977-1981 Operational Health and Safety Division, Argonne National Laboratory
Argonne, Illinois

Provided lead field supervision for team which surveyed sites for FUSRAP, Surplus Facilities Management Program, and the Uranium Mill Tailings Remedial Action Program of DOE. Prepared and coordinated completion of all reports for the Radiological Survey Program.

Research Interests:

Mixed waste treatment and reuse of contaminated metals

Professional Activities:

Past President of Baltimore Washington Chapter of Health Physics Society\ (HPS)
Past President of Eastern Idaho Chapter HPS
Past President of Midwest Chapter HPS
HPS Venues, Symposium and Public Information Committees
Past member on HPS Board of Directors

Publications:

Author of 26+ journal, book, report, and conference publications.