

BRUCE C. BUCKHEIT

EXPERIENCE

2004 – present

Energy and Environment Consultant

Fairfax, VA

- Provide technical and strategic advice to a broad range of U.S. agencies, corporations, state organizations and environmental groups.
- Provided technical and policy support on achievable greenhouse emission levels for new and existing coal and natural gas-fired electric generating units.
- Analyzed energy demand in Kosovo and prepared a report providing advice concerning the most cost effective and environmentally protective solution for that country's energy needs.
- Provided technical and policy advice and draft comments concerning U.S. Clean Air Act regulations governing nonconventional oil and gas exploration and processing and on greenhouse gas emission standards for new and existing fossil fuel-fired electric generating units.
- Provided technical and policy support respecting a voluntary industry-NGO model nonconventional natural gas practices program (the Institute for Gas Drilling Excellence), including a special focus on fugitive emissions.
- Provided technical and policy support to NGO participants at the 2014 South East Asia Coal Conference
- Identified legal and regulatory barriers to the development of wind power in the mid-Atlantic states under subcontract to US Department of Energy.
- Under contract supported by USAID, provided regulatory and policy advice to the Republic of Armenia concerning development of wind power resources, including development of an improved Armenian Model Wind Power Purchase Agreement.
- Provided technical support to a client concerning the ability of new supercritical pulverized coal plants in India to generate certified emission reductions under the Kyoto Protocol.
- Provided testimony before the Federal Energy Regulatory Commission concerning potential adverse environmental impacts associated with proposed regulations concerning demand side management (“net metering”) tariff issues in New England.
- Other major projects include technical and policy support for renewable energy deployment, innovative policies for reducing pollution from diesel trucks, evaluating impacts of Federal law on mercury deposition in the Chesapeake Bay, preparing testimony respecting proposed climate change legislation, and developing a model rule for control of hazardous air pollutants by states and a model rule to address interstate transport of pollutants.
- Provided analysis and comment on on U.S. Exim Bank, World Bank and other international lending agency policies for support of fossil fuel-fired generation, analysis of economic risk associated with reliance on imports of international steam coal for generation and country-specific issues in Armenia, Kosovo, Turkey, Viet Nam, Japan, Israel, India, Myanmar and Indonesia.

2006 –2010

Member, Virginia Air Pollution Control Board Richmond, VA

- Seven member Board, appointed by the Governor of Virginia to oversee Department of Environmental Quality implementation of state and federal clean air laws.
- Developed MACT (hazardous air pollution) and New Source Review permits for the first new coal-fired electric generating facility to be permitted in the nation after the vacatur of EPA's mercury rules.

1996 – 2003

Director, Air Enforcement Division, USEPA Washington, D.C.

- National program manager for enforcement of the Clean Air Act. Member, Senior Executive Service.
- Coordinated Federal – state enforcement policy with state and local air program managers and developed sensible new Federal regulations.
- Prosecuted violations that reduced air pollution by millions of tons, including “defeat device” CAA violations by major manufacturers of heavy duty diesel trucks and New Source Review CAA violations by coal-fired electric generating units.

1984 – 1996

Senior Counsel, Environmental Enforcement Section, USDOJ Washington, D.C.

- Responsible for development and prosecution of the most significant violations of Federal environmental statutes, including major Clean Air Act violations by General Motors (Cadillac defeat device matter), Bethlehem Steel, US Steel and Louisiana Pacific Corporation, as well as major Clean Water Act, RCRA and Superfund matters.
- Responsibilities included serving as lead Federal representative in a number of politically sensitive multi-jurisdictional environmental issues.

1974 - 1984

Counsel, Office of Chief Counsel National Highway Traffic Safety Admin.
Washington, D.C.

- Administration and enforcement of Federal laws respecting motor vehicle safety. Enforced Federal safety standards and recall provisions respecting motor vehicle safety defects.
- Drafted Federal regulation establishing testing and enforcement provisions for fuel economy standards for mobile sources.

EDUCATION

- 1969, B.S. (Physics) Manhattan College, New York, NY
- 1971, M.S. (Physics) College of William & Mary, Williamsburg, VA
- 1974, J.D. (Law) College of William & Mary, Williamsburg, VA