Michael Griffin

Profile Summary

- Over thirty-five years experience in the nuclear industry including safety, health, environmental, radiation protection, permitting and regulatory affairs for uranium mining companies, uranium mill decommissioning, federal and commercial environmental reclamation and decommissioning projects, nuclear power plant waste management operations, and naval nuclear propulsion.
- Extensive experience in management of field operations, facility licensing and permitting, regulatory affairs, environmental protection, health physics and industrial safety programs, and radioactive and hazardous waste management.
- Broad experience with corporate development and oversight of environmental, health, and safety programs.
- A proven industry leader with membership on groups including service as a past member of the Nebraska Environmental Quality Council and the World Nuclear Association Uranium Mining Standardization Working Group and current service on the ANSI N13.8 Working Group revising the U.S. national radiation protection standard for uranium processing facilities.

Employment History

STRATA ENERGY, INC. 2012-Present

Vice President of Permitting, Regulatory, and Environmental Compliance

- Responsible for development of safety, health, environmental, and compliance programs and staffing for an emerging uranium mining company.
- Responsible for directing licensing and permitting activities with the NRC, BLM, and Wyoming Department of Environmental Quality.

Highlights:

- Managed the completion of the NRC licensing process for the Ross Uranium Project in Wyoming.

URANIUM ONE, INC. 2007-2012

Vice President, Safety, Health, and Environment/Corporate Social Responsibility *(2009 – 2012)*

- High-profile corporate management position for a global uranium mining company responsible for development and corporate oversight of safety, health, environmental, and corporate social responsibility programs at conventional and solution uranium mining operations in the United States, Australia, Tanzania, and Kazakhstan.
- Routinely advises and reports to the Board of Directors on corporate performance and initiatives in areas of responsibility.
- Performs corporate safety, health, and environment audits of all field operations.

Highlights:

- Completed initial development of corporate programs including safety, health, and environmental policies and standards, internal reporting, auditing, and crisis programs and procedures.
- Managed initial corporate efforts for greenhouse gas, social responsibility, and sustainability reporting.

Director of Environmental and Regulatory Affairs *(2007 – 2009)*

- Responsible for managing licensing and permitting efforts and regulatory affairs in the western U.S. (primarily Texas, Wyoming, and Utah) for conventional and in situ uranium mines and mills.
- Responsible for the development of safety, health, and environment management programs and procedures for all U.S. operations.
- Key member of due diligence team for assessing potential merger and acquisition opportunities.

Highlights:

- Managed the successful licensing and permitting of the La Palangana Uranium Project in Texas and the Moore Ranch Uranium Project in Wyoming including the initial application preparation and responses to information requests for both projects. The Moore Ranch project was the first uranium recovery project licensed by the US Nuclear Regulatory Commission in over a decade.
- Developed integrated health, safety, and environmental management systems for all Uranium One Americas operations to meet relevant international standards.

GRIFFIN CONSULTING INC. *2006-2007*

Principal

- Provided consulting services to uranium and environmental reclamation industry clients related to licensing, permitting, radiological safety and environmental management program development.
- Projects included the preparation of baseline study plans and safety, health, and environmental programs and procedures.

Highlights:

- Managed the preparation of an NRC license amendment application for a satellite solution mining client, coordinating the efforts of multiple subject matter experts.

CROW BUTTE RESOURCES, INC. *1998-2006*

Manager of Health, Safety, and Environmental Affairs

- Responsible for all environmental, health and safety compliance programs and regulatory affairs for an operating in situ solution mine.
- Directed the activities of the EHS Department including radiation and industrial safety, environmental monitoring and protection, and the environmental laboratory. Alternate Radiation Safety Officer.
- Primary corporate contact with regulatory agencies and industry groups, responsible for monitoring changing regulatory requirements.
- Primary responsibility for the preparation of all regulatory submittals.

Highlights:

- Primary author of an Environmental, Health, and Safety Management System incorporating elements from three separate programs (Crow Butte, Power Resources Highland, and Rio Algom Smith Ranch) into a single integrated corporate program for use in the U.S. The program received ISO 14001:2004 certification in 2005 and was implemented at the Crow Butte project and the Smith Ranch/Highland project in Wyoming.
- Member of the JV Inkai Environmental Committee providing oversight for a uranium development project in Kazakhstan.
- Member of the Cameco corporate due diligence team assessing large uranium property acquisitions.
- Audit team member for Cameco corporate oversight audits at

international uranium and gold properties located in Kazakhstan and Kyrgyzstan.

RESOURCE TECHNOLOGIES GROUP, INC. *1993-1998*

Operations Manager

- Responsible for management of all field operations for an environmental engineering firm specializing in wastewater treatment and radioactive and hazardous waste processing projects primarily associated with remediation programs.
- Supervised a staff of up to twenty professional and field employees, managing fixed unit rate and fixed price contracts at various industrial, mining, Superfund, DOE, and DOD project sites.
- Provided radiological health and safety, environmental, and permitting technical support for commercial uranium mining industry clients including contract Radiation Safety Officer and ALARA Auditing.

Highlights:

- Project Manager for preparation of two NRC license and state permit renewal applications and drafting an expansion amendment application.
- Project Manager for licensing efforts for a low-level radioactive waste disposal site.

CHEM-NUCLEAR SYSTEMS, INC. 1978-1993

Project Manager, Denver Radium Superfund Project *(1991 – 1993)*

- Responsible for management of the transportation and disposal of more than 300,000 tons of radioactive and hazardous material from multiple Superfund sites in Denver, Colorado for disposal at a low level radioactive waste site in Utah.
- Managed coordination with involved agencies including EPA, DOE, Colorado Department of Public Health and Environment and administration of subcontractors including three railroads, a disposal site, and trucking and labor subcontractors.
- Responsible for cost and schedule performance for multi-million dollar annual budget.

Highlights:

- The project overcame initial challenges, ultimately being completed within the client's schedule and under budget.

Manager, Western Technical Services *(1988 – 1991)*

- Responsible for developing and managing operational services in the western United States at commercial and government facilities.
- Identified business opportunities, prepared cost and technical proposals, and hired, trained, and managed staff.
- Managed major projects including uranium mill decommissioning and salvage; radiological safety program preparation and implementation at major mining, industrial, and government sites; design, construction and operation of mobile wastewater treatment and decontamination systems; major decontamination projects at steel mills and chemical plants.

Highlights:

- Managed the initial environmental market entry of Chem-Nuclear in the western U.S., developing the region within three years into a multimillion dollar profit center with over twenty professional and technical staff.

Health Physics Manager, UMTRA Project *(1984 – 1988)*

- Manager and Radiation Safety Officer for the DOE UMTRA Project vicinity property program associated with Salt Lake City Vitro Site.
- Senior site health physicist responsible for health physics, industrial safety, public and landowner relations, training, and environmental monitoring.

Highlights:

- Project successfully completed remediation of nearly 100 private and commercial properties contaminated with uranium mill tailings.

Supervisor, Demineralization Services *(1978 – 1984)*

- Project Supervisor of radioactive wastewater treatment and waste handling services at more than 15 nuclear power utilities.
- Principal technologies included ion exchange, filtration, and solidification.
- Managed personnel, equipment, and technical support services.
- Developed operating budgets, plans, and procedures, product and equipment improvements, and conceptual system designs, include new processes in ion exchange and filtration.

UNITED STATES NAVY, U.S.S. Patrick Henry (SSBN 599)
Electrician's Mate (Nuclear)

- Reactor plant electrical operator on Polaris Submarine.

Education

University of Utah	*1984 - 1987*
University of South Carolina	*1982 - 1984*
US Navy Nuclear Power Schools	*1974 - 1975*
Radiation Safety Officer Training (initial and biannual refresher courses)	*1989 – 2013*

Numerous technical courses on all aspects of environmental protection, health and safety, waste management, decommissioning, and radiation protection

Organizations

Nebraska Environmental Quality Council, Heavy Industry Representative, appointed by the Governor of Nebraska and confirmed by the Nebraska Legislature, 2005 - 2007

Board Member, Crawford Board of Education, 2004 - 2008

American National Standards Institute, Working Group Member, ANSI Standard N13.8, Radiation Protection in Uranium Mine Operations, 2005 - Present

World Nuclear Association, Uranium Mining Standardization Working Group, Member, 2011 - 2012.

Environment Committee and Uranium Environmental Subcommittee, National Mining Association; Member 1998 - 2005 and 2007 - 2014; UES Chairman, 2005 - 2006

University of Nebraska - Kearney, Nebraska Safety Center Mine Safety Advisory Council; Member, 2002 - 2005; Chairman, 2005 - 2006.

Health Physics Society, Plenary Member, 1990 - Present