

Terry A. Vaeth

EXPERIENCE SUMMARY

Mr. Vaeth provides expert, mature, experienced advice to organizational officers and public officials to assist them to formulate and embrace organizational strategy and operation. Mr. Vaeth is experienced in putting together teams comprised of the most knowledgeable individuals that, when working as a team, can provide the best quality product in order to resolve issues that arise in the workplace or in the project management office. Mr. Vaeth firmly believes in utilizing the diversity of a mixture of people with diverse backgrounds, education, experience and ideas in the conduct of the organization's strategy for success. Mr. Vaeth has strengths in the development and implementation of organizational strategic planning, including emergency preparedness planning and response; in innovative and participatory problem solving, including the use of total quality management principles; in clear and open communication with staff and clients, including feedback; in the evaluation of organizational performance and results, including corrective action planning; and I am a dedicated team player within the organization.

Mr. Vaeth has a strong commitment to interaction with the general public, business leaders, public officials, government agencies and elected officials, and understands the importance of these interactions. Mr. Vaeth has developed excellent communication and presentation skills to assure organizational goals are well understood by employees, customers and public officials. Mr. Vaeth has provided organizational position papers to Congressional representatives, state officials, and other effected individuals regarding the impact of legislation and appropriations, and possible relief measures that could be taken to ease any burden on the organization due to these actions. Interactions like those stated above occurred during periods where pending appropriations bills and new regulatory legislation were being formulated, and as importantly, during the development of strategic plans, emergency preparedness/response plans and environmental impact statements. These activities occurred as proactive involvement with legislators, business leaders and other agencies, as well as planned public meetings to discuss organizational strategy and business planning.

DETAILED EXPERIENCE

September 1972	Atomic Energy Commission, Reactor Development & Technology Intern, Fast Breeder Reactor, Mechanical Components
October 1974	Assigned to the GE Sunnyvale RDT Site Office, responsible for Steam Generator Development for Clinch River Breeder Reactor.
November 1975	Assigned to the Prototype Large Breeder Reactor Project Office responsible for sodium component development/design. Joint Office with EPRI.
January 1976	Assigned to the San Francisco Operations Office as a General Engineer responsible field oversight for various energy programs.
1981	Assigned as Director, Mirror Fusion Test Facility Project Office, USDOE, San Francisco Operations Office. This office was DOE's project management office for the design, construction, test and operation of the \$600M Mirror Fusion Test Facility, a fusion energy experimental facility built and located at the Lawrence Livermore National Laboratory.

1983 Assigned as the Director of the Energy Technology Engineering Center Project Office (SAN). This office managed a major testing and qualification program for large scale nuclear components to be used in nuclear reactor plants. This position developed the long-range planning for assuring that new facilities were constructed and modified to achieve program goals, as well as managed the day-to-day activities associated with construction project management, program planning and execution, procurement planning and execution, and assuring the protection of the environment and the safety and health of the workforce

SPECIAL ASSIGNMENTS

May 1984 Office of the Deputy Secretary, USDOE
Conducted a strategic analysis and strategic plan for the Deputy Secretary's reformulation of DOE's Conservation and Renewable Energy Programs. Report issued to the Deputy Secretary. Report contained recommendations for tax incentive programs for solar energy programs, and other conservation measures. Coordination with national associations, the OMB and Congressional leaders was accomplished with commendations.

September 1988 Office of the Deputy Secretary, USDOE
Served as staff assistant responsible for the coordination of the restart activities of the K-Reactor at Savannah River Plant and Building 771 at Rocky Flats Plant, as well as other ES&H matters.

September 1987 Office of the Undersecretary, USDOE
Conducted independent analysis of the Department's Special Nuclear Material activities that resulted in DOE-wide improvements in the manner in which DOE maintained control over and accounted for this material, as well as established economic recovery limits for reprocessing special nuclear material residues.

1987 Signed DOE/NE agreement between DOE and the Japan Nuclear Power Company in Tokyo with NE officials. This agreement solidified a partnership on nuclear reactor R&D between the US and Japan.

1990 Member of an NE committee to review the operations of various NE facilities (Idaho, CA, Hanford, ORNL) to assess opportunities to reduce costs with maximum program benefit.

1996 Assigned by DOE/EM to Chair the review of all DOE transportation activities and recommend streamlining and program efficiency improvements to the ASEM.

MOST RECENT ASSIGNMENTS

4/2008-Present – Sr. Project Manager, Longenecker & Associates, Inc.

03/2003 – Present -- Independent Consultant

I have provided expert advice to numerous energy, environmental, and homeland security entities. Among the services provided included assisting in the preparation of proposals to the federal government, critical review of proposals developed by entities desiring to contract with the federal government in the program areas of *Homeland Security, Emergency Preparedness/Response/Recovery,*

Environmental Rehabilitation, including stewardship of rehabilitated lands, Strategic Planning, Performance-based Contracting, Performance Measurement and Quality Management. These activities were performed for Federal, State, & Local agencies and private companies. In addition, I have provided professional services to Native American tribes in Nevada regarding the development of energy parks on tribal lands that include the development and deployment of renewable energy resources. This has included working closely with the NV Congressional delegation to gain support and endorsements, providing language for Congressional legislation, and briefing members of Congress.

01/1998 – 03/2003 – Member, Maralinga Rehabilitation Technical Advisory Committee, Ministry of Science, Commonwealth of Australia

Reporting to the ***Minister for Science, House of Representatives, Parliament, Commonwealth of Australia***, provided expert advice for the environmental rehabilitation of the former British Nuclear Weapons Test Site in South Australia. This Committee had two major objectives: (1) Advise the Minister for Science on strategies for implementation of the Government's preferred option for the rehabilitation of the former British nuclear test site in South Australia. In particular, advise the Minister on: the definition of engineering tasks to be undertaken to achieve rehabilitation; studies required to ensure that, in meeting the objective of removal of existing potential radiological and other hazards, proposed rehabilitation efforts will not present unacceptable hazard to future generations or cause environmental detriment; recommend measures, including specific operating criteria, which should be taken to ensure the workforce of the rehabilitation project is protected from radiological and physical hazards; and identify tasks which might practicably be undertaken by the Maralinga Tjarutja Aboriginal community; and (2) Advise the Minister on progress with the project, with particular emphasis on the adequacy of measures to ensure radiological protection of the workforce. This Technical Advisory Committee convened regularly at the rehabilitation site to review progress and recommend solutions to any issues.

I have provided special advice to the Ministry of Industry, Science and Resources of the Commonwealth of Australia. This advice has been directly related to Mr. Vaeth personal successes in the management of large, complex projects requiring sensitivity to public opinion, regulatory environments, and sometimes-controversial subjects. In this capacity, Mr. Vaeth served on an international technical advisory committee that was created to oversee the rehabilitation of the former British nuclear weapons test site at Maralinga in South Australia.

10/1994 – 12/1997 -- Deputy Manager & Acting Manager, U. S. Department of Energy, Nevada Operations Office, Las Vegas, NV

The DOE Nevada Operations Office is responsible for providing and managing support and services to the Department of Energy's defense mission at the Nevada Test Site. The NTS is a 1350 square mile resource, located 60 miles north of Las Vegas that has been utilized by DOE and its research laboratories as a multi-program test bed. Unique missions that are being implemented at the NTS and the facilities in North Las Vegas include nuclear weapons stockpile stewardship experimentation programs, renewable and alternate energy technology development, emergency response and crisis management, environmental remediation, waste management and disposal, and science and technology development in support of remote sensing and diagnostics. The site also supports the DOD in a number of technology development areas and in Special Operations. The Nevada Operations Office has approximately 350 federal employees and a contractor workforce of approximately 4000 employees. The Nevada Office

administers a performance-based management contract for the operation of the site and facilities and administers an annual budget of over \$600 M. Management activities include the setting of annual goals and objectives, prioritization of activities, setting performance measures for work to be performed and evaluation of results obtained, and most recently, business development activities to open the site for commercial enterprise. The Nevada Operations Office is a full service field office with an organization that includes contract and grant administration including records and property management, full service financial management, including budgeting and accounting, a full service human resources office including industrial relations, a strong environment, safety and health support organization, facility engineering department, public and Congressional relations office, an environmental management program office, safeguards and security management, information management, and energy program management offices.

10/1992 – 10/1994 – Deputy Manager and Acting Manager, US Department of energy, Oakland Operations Office, Oakland, CA

The DOE Oakland Operations Office is responsible for administrative and management oversight in support of the Department of Energy's energy research, defense, environmental management, nuclear energy and conservation & renewable energy missions at seven of the Department's national laboratories. These laboratories include Lawrence Livermore National Laboratory, Lawrence Berkeley Laboratory, the Stanford Linear Accelerator Center, the Energy Technology Engineering Center, the Laboratory for Energy-Related Health Research at University of California, Davis, the Laboratory for Biomedical and Environmental Research at University of California, San Francisco, and the Department's energy research activities at the University of California, Los Angeles. The Oakland Operations Office has program and administrative management responsibilities for over 600 industrial contracts and grants (primarily to educational institutions) for various energy related projects (nuclear, energy research, conservation) nationwide, with an annual operating budget of \$1.4B and is one of two major procurement centers for the Department of Energy in the field. The Oakland Operations Office had a total federal employment of approximately 400 employees and a contractor workforce of over 15,000 employees. Day-to-day activities include the review and prioritization of office work, staffing and budgeting for internal operations, and the evaluation of the performance of the laboratories. Included in these responsibilities was the management and oversight of the major DOE facility construction projects at these laboratories. Oakland Operations was unique within DOE's field structure in that it oversees the operations of laboratory facilities covering the full range of the Department of Energy's missions. This office also had responsibility for the field program management of DOE/NE's Space Nuclear Power program. Once again, this office is a full service field office with an organization that supports carrying out DOE's mission, similar to the Nevada Office.

04/1992 – 10/1992 – Manager, US Department of Energy, Rocky Flats Office, Boulder, CO

The DOE Rocky Flats Office is responsible for the environmental restoration and waste management activities associated with the cleanup of the former Rocky Flats Plant. At the time of my assignment, the plant was starting to transition from its traditional defense mission to one of plant cleanup. Management activities included a complete reassessment of the DOE organization, the setting and implementation of goals and objectives for work and the evaluation of the work performed by the contractor. I was responsible for the preparation of the Rocky Flats Plant Transition Plan Report to Congress. This plan detailed the activities required to be taken by the Department of Energy to terminate plutonium components for the nuclear weapons program and initiate a focused effort to

restore the site in an environmentally responsible manner. In addition, my responsibilities were to assess the feasibility of any restart of the plutonium manufacturing facilities at this site and negotiate any modifications to meet the requirements of the Nuclear Facility Safety Board. My responsibilities as Manager were to control, manage, and remove radioactive, toxic, and hazardous materials, chemicals and wastes from specialized manufacturing and metal processing facilities; to assure compliance with environmental requirements, the NRC and the NFSB, agreements and consent decrees with Federal and State regulators; to safely deactivate surplus facilities and buildings through characterization of waste materials and residues; to safeguard plutonium and plutonium residues in storage; to develop and implement worker retraining and placement activities; to modify and expand the interagency agreement that guides site cleanup to reflect the shift in emphasis to cleanup, to develop and negotiate a comprehensive waste treatment plan; and to represent the Department with Federal, State, and community officials.

EDUCATION

Bachelor of Science, Engineering;
Master of Science, Materials Science;
University of California, Davis, California.

RECOGNITIONS

1996 Federal Executive of the Year for So Nevada
1996 U.S. Senate Commendation for Business Development
1996 Nevada Governor's Proclamation for Business Development
1997 Congressional Recognition for Effective Coordination with Other Federal Agencies and the Local Community

CLEARANCES

DOE "Q"; various DOD SAP Program clearances INACTIVE