

Résumé of Andrew J. Kugler

Education

B.S. - Mechanical Engineering - Cooper Union - 1978

M.S. - Technical Management - Johns Hopkins University - 1998

Experience: U.S. Nuclear Regulatory Commission - July 1990 to present

2007 to Present

Senior Environmental Project Manager in Environmental Projects Branch 2, Division of Site and Environmental Reviews, Office of New Reactors. Responsible for the management and technical oversight of NRC staff and contractors on all aspects of environmental review of early site permit (ESP) and combined license (COL) applications, including the North Anna ESP and the Turkey Point COL. For some applications (South Texas Project, Calvert Cliffs, V.C. Summer, Lee, and Fermi), lead or support the evaluation of alternatives. Managed the project to update high priority portions of the Environmental Standard Review Plan (ESRP), completing the update of approximately 40 sections, including the Introduction (which includes guidance common to all sections), and the sections addressing energy alternatives and alternative sites. Provided environmental insights to the 2007 rulemaking updating Parts 52 and 51, and provided comments for the 2007 rulemaking that modified the definition of construction.

2003 to 2005

Chief, Environmental Branch, Office of Nuclear Reactor Regulation (NRR). Managed the NRC staff responsible for all environmental review activities in NRR. The branch's primary activities involved the review of multiple license renewal applications and the first three early site permit applications. Managed the branch budget, hired several new employees, and represented management at numerous public meetings.

2000 to 2003

Senior Environmental Project Manager, Environmental Branch, Office of Nuclear Reactor Regulation (NRR). Managed or supported teams performing environmental reviews of 10 license renewal and 2 ESP applications. Developed and incorporated lessons-learned into staff review processes, including preparations for the first new reactor applications. Presented staff findings and responded to questions at public meetings.

1995 to 2000

Project Manager, Division of Licensing Program Management, NRR. Managed all licensing actions for Fermi 2, including 15 amendments issued over a 6-month period to support a refueling outage. Also issued urgent licensing actions for

other plants, assisting project managers in various project directorates. In addition, managed the Fermi 2 conversion to the improved standard technical specifications. Led NRR activities related to dry cask storage, coordinating between the Regions, NRR, and the Office of Nuclear Material Safety and Safeguards for issues related to dry cask storage of spent fuel.

1990 to 1995

Reactor Engineer, Generic Communications Branch, NRR. Prepared or managed the development of Agency generic communications (bulletins, generic letters, and information notices) on a broad range of technical issues. Also managed a major review of the closure of past technical issues and recommended action on a select few for which the Agency's closure had not been fully effective.

Gulf States Utilities, River Bend Station - 1983 to 1990

1987 to 1990

Process Systems Supervisor, Division of Field Engineering. Supervised 16 system engineers who monitored the performance of all of the mechanical systems at River Bend, a BWR-6 design. Managed the inservice testing program, portions of the fire protection program, and the erosion/corrosion and motor-operated valve monitoring programs. Reviewed all major modifications and procedure changes as a voting member of the Facility Review Committee. Finally, managed the on-site response (with the exception of the control room) to emergencies as the Technical Support Center Manager.

1983 to 1987

Senior Start-Up Engineer, Preoperational Test Organization. Developed test procedures and directed preoperational testing for assigned systems (condensate and feedwater, closed cooling water). Promoted as one of three shift test directors, responsible for coordinating all of the test activities of the various organizations (Stone & Webster, Preoperational Test Organization, Operations, Maintenance). Among other activities, supervised the integrated emergency core cooling systems test, initial fuel load, and initial criticality for the unit. As the test program came to a close, entered the licensed operator training program and earned a senior reactor operator's license.

U.S. Navy - 1978 to 1983

After completing the nuclear training program, taught enlisted personnel at the Nuclear Power School for a year. Then assigned to submarine duty, qualifying as a diving officer and engineering officer of the watch (supervising the operation of the nuclear plant).