

Christopher Gratton
Reactor Systems Engineer

Area of Expertise

Balance-of-plant systems, including spent fuel storage systems.

Education

M.B.A University of Maryland, 1992

B.S. Engineering, University of Maryland, 1980

Employment

U.S. Nuclear Regulatory Commission, Reactor Systems Engineer, 1992 - present.

Performs safety evaluations of reactor license application, technical specifications, and topical reports for various balance-of-plant systems, including wet spent fuel storage facilities.

Evaluated the adequacy of spent fuel storage issues as part of the resolution of Generic Safety Issue 173A, "Spent Fuel Storage Pool for Operating Plants." Performed plant-specific backfit evaluations for certain spent fuel storage pool design features identified during the resolution of Generic Safety Issue 173A. Performed safety evaluations for licensing actions regarding spent fuel pool reracking and credit for soluble boron.

U.S. Nuclear Regulatory Commission, Operator Licensing Examiner, 1987-1992.

Qualified operator licensing examiner for boiling water, test and research reactors. Developed and administered comprehensive licensing examinations to candidates applying for certification. Authored written, oral, and performance-based examinations.

Norfolk Naval Shipyard, Test Engineer, 1980 - 1987.

Planned and implemented comprehensive overhaul maintenance packages for submarine nuclear power plants. Conducted post-maintenance testing on reactor plant systems.

Responsible for reactor plant safety aboard submarines undergoing overhaul. Qualified as shift test engineer on Westinghouse and General Electric designed reactor plants.

[Publications

No publications of note]