

Daniel Francis Hollenbach

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Education

Ph.D., Nuclear Engineering, 1992: University of Tennessee. Dissertation: "Vectorization of the KENO-V.a Criticality Safety Code."

M.S., Nuclear Engineering, 1983: University of Washington. Theses: "Five Parameter Characterization of Two-Phase Flow using the University of Washington Nuclear Reactor."

B.S., Nuclear Engineering, 1982: North Carolina State University.

Work Experience

Aug. 1992 - Present Oak Ridge National Laboratory, Nuclear Analysis Methods and Applications Group, Nuclear Science and Technology Division

Development Staff Member Primary author of the KENO-VI criticality safety code and the CSAS6 control module which uses it. Additional duties include: updating CSAS, CSAS6 and KENO-VI and related codes as required, finding and correcting code anomalies, and developing, maintaining, and teaching the Criticality portion of the SCALE course. Perform an occasional criticality safety study in support of other lab work.

Feb. 1985 - Aug. 1988 Puget Sound Naval Shipyard, Nuclear Refueling Division

Assistant Shift Refueling Engineer Wrote and revised procedures used in the refueling of naval nuclear submarines. Supervised work performed by tradesmen during the refueling operation.

Lead Engineer Responsible for the engineering aspects of a project to modify spent fuel shipping containers used to transport spent naval nuclear fuel. Included writing and reviewing procedures, briefing shop foreman on work, interfacing with vendor modification team at Bettis, and supervising up to 3 engineers providing engineering support.

Nuclear Engineer Wrote procedures used in all phases of naval nuclear submarine refueling. Assisted in the development of a program to modify spent fuel shipping containers. Wrote procedures used by the tradesmen to modify shipping containers.

Nov. 1983 - Feb. 1985 Nuclear Regulatory Commission, Region V

Reactor Inspector Inspected commercial nuclear reactors for compliance with federal regulations. Participated in precicensing inspection of the Palo Verde Unit-2 Station.

Sept. 1975 - Sept. 1979 United States Army

Russian Linguist

Professional Affiliations and Licenses

American Nuclear Society

Professional Engineering License, State of Washington, 1988