

June 1, 1974

50-410

ANTHONY BOURNIA
DIRECTORATE OF LICENSING
U. S. ATOMIC ENERGY COMMISSION
PROFESSIONAL QUALIFICATIONS

I am a Project Manager on the technical staff of the Gas Cooled Reactors Branch in the Directorate of Licensing, U. S. Atomic Energy Commission. As a member of this staff, I have the function of analyzing and evaluating the nuclear safety aspects of nuclear facilities for which the Commission is responsible, including licenses and authorizations for the construction and operation of reactors. I have the technical responsibility for the schedule, coordination and conduct of the safety reviews assigned to me.

I accepted an appointment with the technical staff of the AEC regulatory organization in 1972 and presently have the primary responsibility for the safety review of the Nine Mile Point Nuclear Station, Unit 2, Boiling Water Reactor and the Fulton Generating Station, Units 1 and 2, High Temperature Gas Cooled Reactors.

I graduated from the University of Pittsburgh in 1950 with a Bachelor of Science Degree in chemical engineering. In 1954 I received a Master of Science Degree in chemical engineering from the University of Idaho, and in 1961, a Doctor of Philosophy Degree from the University of Pittsburgh.

I have a total of 23 years of professional experience, all in the nuclear field. Over seventeen of these years were with the Westinghouse Electric Corporation in various managerial and professional responsibilities. Five years were spent with the Atomic Power Department where I was affiliated with the thermal design of the Yankee (Rowe), Carolina and Virginia, and the Belgium (BR-3) reactors. The other twelve years were with the Astronuclear Laboratory in developing the nuclear rocket reactor (NERVA). I was responsible for the thermal, hydraulic and corrosion analyses for all components of the NERVA reactor design and in addition, performed analyses on test data obtained from NERVA test results.

Prior to joining the Westinghouse Electric Corporation, I was associated with the General Electric Company at their Hanford Atomic Product Division. Under a student program, I was given different assignments in the production and design areas of the process, and I obtained experience in the thermal aspect of the reactor design.

I am a member of the American Nuclear Society, American Institute of Chemical Engineers, American Society of Mechanical Engineers and the honorary societies of Phi Lambda Upsilon and Sigma Tau. I am the author or co-author of several technical publications.

