

EDSON G. CASE

50-237

PROFESSIONAL QUALIFICATIONS

My name is Edson G. Case. I am Assistant Director of the Division of Reactor Licensing, United States Atomic Energy Commission. In this position, I am responsible for the analysis and evaluation of the nuclear safety aspects of nuclear facilities for which the Division of Reactor Licensing is responsible, including AEC facilities and those commercial facilities for which license applications have been filed or those for which licenses have been issued.

I was born in Niagara Falls, New York and graduated from elementary schools and high school there. I attended the University of Michigan for two years where I specialized particularly in courses in metallurgical engineering, and was subsequently graduated from the United States Naval Academy in Annapolis, Maryland in 1946 with a Bachelor of Science degree. During the next three years, I served as a Line and Engineering Officer aboard a heavy cruiser of the U. S. Navy.

From 1949 to 1952, I studied Naval Architecture and Marine Engineering at the graduate school of the Massachusetts Institute of Technology, receiving an Engineer degree in 1952. During this time I specialized in the field of nuclear engineering. During the next two years, I was engaged in various phases of the design, construction and maintenance of naval vessels as a Naval Engineer at the Norfolk Naval Shipyard, Portsmouth, Virginia.

From 1954 through 1957, I served with the Naval Reactors Branch of the Division of Reactor Development, Atomic Energy Commission, first as a Reactor Engineer, and later as a Project Officer responsible for the design, development and construction of a nuclear submarine propulsion plant. In 1957, I accepted an appointment as Reactor Engineer with the Hazards Evaluation Branch of the Atomic Energy Commission, and was later promoted to the position of Nuclear

3237.1

Engineer. In October 1960, I was promoted to the position of Branch Chief of the Research and Power Reactor Safety Branch; and in October 1961, I was promoted to my present position.

I am a member of the Society of Sigma Xi and a member of the United States Naval Institute.

DANIEL R. MULLER

PROFESSIONAL QUALIFICATIONS

RESEARCH AND POWER REACTOR SAFETY BRANCH

DIVISION OF REACTOR LICENSING

I am a reactor physicist on the technical staff of the Research and Power Reactor Safety Branch of the Division of Reactor Licensing. As a member of the staff, I am responsible for analyzing and evaluating the nuclear safety aspects of reactor facilities, including power reactors as well as research and training reactors.

I was born in New York City, New York. I attended Hofstra College in Hempstead, New York, from 1946 to 1950, and received a B.A. degree in physics and mathematics. I was inducted into the Army in 1951 and was assigned to the Engineer Research and Development Laboratory at Ft. Belvoir, Virginia. In that assignment I was a member of a group that was given the task of determining the effects of nuclear weapon detonations on U. S. Army equipment and personnel. After my release from the Army in 1953, I remained at Ft. Belvoir as a civilian employee and continued my work at the Laboratory.

In 1954, I resigned my position at Engineer Research and Development Laboratory to attend North Carolina State College where I received a Master of Science degree in Nuclear Engineering in 1956. I then accepted a position with Atomics International in Los Angeles, California. While there, my assignments included responsibility for the operation of the Kinetic Experiment Water Boiler (KEWB) reactor and experimental investigation of the kinetic characteristics of water boiler type reactors. Subsequently I was assigned as the reactor physicist of the Organic Moderated Reactor Experiment (OMRE) and as such was responsible for directing operation of the reactor, conducting core physics parameter measurements, conducting a complete core reloading, and reviewing the performance of test fuel assemblies which were put into the OMRE reactor.

3236.1

In 1960 I accepted an appointment as reactor physicist with the Division of Reactor Licensing, U. S. Atomic Energy Commission. In this position, I have had the responsibility of analyzing and evaluating the nuclear safety aspects of the following reactors which are operated by the Armed Services: the SM-1 at Fort Belvoir, Virginia; the SM-1A at Fort Greely, Alaska; the PM-2A at Camp Century, Greenland; and the PM-3A at McMurdo Sound, Antarctica. I also have the primary responsibility for safety review of the Saxton Reactor at Saxton, Pennsylvania; the Carolinas Virginia Reactor at Parr, South Carolina; the Southern California Edison facility at Camp Pendleton, California; the Connecticut Yankee facility at Haddam, Connecticut; and the Niagara Mohawk facility at Oswego, New York. In addition to these, I have participated in the review of the Pacific Gas and Electric Company facility at Humboldt Bay, California; the Consumers Power Company facility at Big Rock Point, Michigan; and the Northern States Power Company facility at Sioux Falls, South Dakota.

I am a member of the American Nuclear Society.

BRIAN KERN GRIMES

PROFESSIONAL QUALIFICATIONS

RESEARCH AND POWER REACTOR SAFETY BRANCH

DIVISION OF REACTOR LICENSING

I am employed as a nuclear engineer on the technical staff of the Research and Power Reactor Safety Branch of the Division of Reactor Licensing. My responsibilities include analyzing and evaluating the nuclear safety aspects of both power and research reactors.

I attended the University of Washington, Seattle, Washington from 1958 to 1963 and received a B.S. degree in Chemical Engineering and a M.S. degree in Nuclear Engineering. During my graduate work I was employed as a research assistant by the University of Washington Engineering Experiment Station; my duties involved work with the University of Washington Nuclear Reactor.

In 1963 I accepted employment with the Division of Reactor Licensing, U. S. Atomic Energy Commission. In this position I have had the primary responsibility for the safety review of the Aerojet-General Nucleonics Industrial Reactor as well as the continuing review of the nuclear safety aspects of numerous research reactors. In addition to the Dresden II review, I have participated in the Construction Permit review of the Jersey Central facility at Toms River, New Jersey and the Niagara Mohawk facility at Oswego, New York.

I am a member of the American Nuclear Society.