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## **Biographical Information for Robert F. Williams**

Mr. Williams is a nuclear engineer with 48 years experience in nuclear plant design, nuclear fuel cycles for LWR's and breeder reactors, and nuclear waste repository design and licensing. He is a nationally recognized expert in power plant design, radioactive waste disposal, nuclear fuel storage, and transportation, and related nuclear fuel cycle technology, with 40 years active nuclear experience including 20 years service at EPRI. EPRI is a non-profit research corporation sponsored by the U.S. electric power industry to conduct research in all types of energy generation and power transmission technology.

Mr. Williams after graduation from Stanford with a BS ChE, served three years in the US Navy as a destroyer engineering officer. He joined the GE nuclear energy division for 10 years, and then served at EPRI for 20 years before retiring in 1994 to become a nuclear consultant for DOE working on cleanup at the Hanford Site.

At GE and EPRI, Mr. Williams worked with many leaders in nuclear technology including John Taylor, Sol Levy, Bert Wolfe, Ed Zebroski, Milt Levenson, Floyd Culler, and Chauncey Starr. At General Electric Mr. Williams worked on next generation boiling water reactors, and played a significant role in the introduction of the BWR 6 in the Mark III containment. He served for four years in the nuclear strategic planning and product planning organization.

Mr. Williams, while at EPRI, had significant nuclear fuel cycle responsibilities. He participated for many years in the Utility oversight committee for advanced reactor development that reviewed prototypic breeder and fuel reprocessing designs. Under Mr. Williams Fuel cycle program, EPRI developed dry spent fuel storage using metal casks and concrete silos to assist in safe on site storage of spent nuclear fuel, the storage method now used by most U.S. utilities. Mr. Williams worked closely with the DOE Yucca Mt Project, with the Nuclear Waste Technical Review Board, and with the U.S. National Academy of Science Board on Radioactive Waste Management to develop criteria and licensing procedures for a High Level Waste repository.

Mr. Williams received his B.S. in Chemical Engineering from Stanford University in 1961. He served three years as a Destroyer engineering officer in the U.S. Navy, and joined GE in 1964. He is a 1967 graduate of the General Electric Advance Engineering Program (C Course), the equivalent of a Engineers Degree in Nuclear Engineering, and holds an MBA, obtained in 1974, from the University of Santa Clara. Mr. Williams managed LWR and Breeder fuel cycle, spent fuel storage/transportation, and nuclear waste management programs while at EPRI from 1975 to 1994. He consulted on spent nuclear fuel storage for U.S. DOE at Hanford Washington 1994-2001 on the program to place 2200 tons of production reactor fuel in safe long term dry storage.

Mr. Williams is a registered Professional Engineer in the State of California. He is past chairman of the northern California Section of the American Nuclear Society, past chairman of the Fuel Cycle and Waste Management Division of the American Nuclear Society, and presently serves on the Board of Directors of WM Symposia, a professional organization that sponsors technical meetings on nuclear waste disposal and nuclear plant decommissioning.