Biographical Information
for
Robert F. Williams

Mr. Williams is a nuclear engineer with 35 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, storage, and transportation, and related nuclear fuel cycle technology, with thirty five years active nuclear experience and 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 previously served in the US Navy. He joined GE nuclear energy division for 10 years, and then served at EPRI for 20 years before retiring in 1994 to become a nuclear consultant. At GE and EPRI, Mr. Williams worked with many leaders in nuclear technology including Sol Levy, Bert Wolfe, Ed Zebroski, Milt Levenson, and Chauncey Starr.

Responding to the non-proliferation concerns of the Carter administration, EPRI with Mr Williams's participation, initially proposed a proliferation resistant fuel cycle called CIVEX, Purex processing with co-precipitated fission products for diversion resistance. EPRI followed with additional engineering studies using the planned but never built Exxon Nuclear MOX Fuel reprocessing and recycle plant to develop an aqueous fuel reprocessing plant with improved capability for material accountancy, using a collocated reprocessing and MOX fabrication approach.

Mr. Williams, while at EPRI, participated for many years in the Utility oversight committee for advanced reactor development that reviewed prototypic breeder and fuel reprocessing designs. Under Mr. Williams program, EPRI developed dry spent fuel storage using metal casks and concrete silos to assist in safe on site storage of spent nuclear fuel. Mr. Williams worked closely with the DOE Yucca Mt Project, 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 is a 1967 graduate of the General Electric Advance Engineering Program (C Course), the equivalent of a Masters Degree in Nuclear Engineering, and holds an MBA, obtained in 1974, from the University of Santa Clara.

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, serves on the Board of Directors of WM Symposia, and presently consults on spent nuclear fuel storage for U.S. DOE at Hanford Washington.