

**Shadis Testimony VPSB Docket 8300**  
**Resume- Nuclear Waste Related**

**Raymond Shadis.**

Shadis served on the New England coalition's Board of Trustees from 1982 until 1998. He has been employed as Staff Technical Advisor, identifying, tracking, and addressing nuclear safety and environmental issues at New England's four operating and five decommissioning power reactors, since 1997.

He has served as Executive Director of Friends of the Coast (Maine) since 1995.

His experience, as it relates to nuclear safety and nuclear waste storage issues is highlighted as follows.

1979 -1980 – Initiated the first US referendum to close an operating nuclear power station. Founded Maine Nuclear Referendum Committee. Attended University of Pennsylvania Conference on Radiation and Health (Hersey Medical Center).

1981 - 1982 – Coordinated Technical Information for Sensible Maine Power intervention before the US Nuclear Regulatory Commission (NRC) regarding Maine Yankee Atomic Power Company proposal to consolidate (pinpack) stored nuclear fuel.

1982- 1984 - Consulted on Don't Waste Maine initiative in opposition to National Eastern High Level Waste Repository in Maine.

1984 - Testified before Congressional Field Hearings on Seabrook evacuation.

1986- 2002 – Testimony on nuclear technical issues accepted in adjudicatory proceedings by Maine Public Utilities Commission, Maine Board of Environmental Protection, Connecticut Department of Utility Control, and the Vermont Public Service Board. Pro se intervener before the Federal Energy Regulatory Commission and the NRC. Intervener (w/counsel in Federal District Court in Maine Yankee Atomic Power Company v. Osmond C. Bonsay (Commissioner Maine Board of Environmental Protection). This 2000 case was about Maine Yankee's claim of federal preemption of dry cask storage regulation.

1997-Present – Served on Maine Yankee Community Advisory Panel on Decommissioning. Credited by Maine Yankee for negotiating nation's strictest radiological clean-up standards. Secured "no nuclear site reuse" agreements. Secured independent marine environmental surveys for radioactive pollutant. Negotiated protective conditions for Independent Spent Fuel Storage Installation, including earthen berm, fortified security barriers, security package pass-through interlocks, security/safeguards enhancements, cask modular spacing for individual cask access, and controls on the use of de-icing salts.

As a CAP member, tour dry cask storage sites at Palisades NPP (Michigan) and Calvert Cliffs NPP (Maryland), attended American Nuclear Society (ANS) Technical Conference on High Level Waste at Las Vegas/ Yucca Mountain, attended ANS Conferences of decommissioning (including dry cask storage) hosted by Big Rock Point NPP and Connecticut Yankee NPP. Attending TLG/Entergy Decommissioning Conference, Captiva Island, Fla. Met with Connecticut Yankee Community Decommissioning Advisory Committee on clean-up issues. Invited on several occasions to present before Maine's Advisory Commission on Radioactive Waste and Decommissioning as well as the Energy Committee of the Legislature. Met

individually with Maine's Governor (and staff) on nuclear safety, waste storage, and decommissioning issues.

1999- 2000 – Participant Keystone National Dialogue (industry, regulators, advocates) on Nuclear Waste

1999 - Maine Yankee Atomic Power Company/ Oak Ridge Manager's Training Course in the Multi-Agency Radiation and Site Investigation Manual.

2000-2001 – Member U.S. Nuclear regulatory Commission Initial Implementation Evaluation Panel of the Reactor Oversight Process.

1997 – 2003 - NRC hosted speaker on decommissioning issues, reactor oversight process, corrective action programs, public participation in the regulatory process, and industry voluntary initiatives at for annual NRC Regulatory Information Conferences, (Washington, DC). Invited presenter at five full Commission Briefings on Reactor Oversight Process, Maine Yankee ISA, and Spent Fuel Pool Risk.

2005 - New England Coalition pro se representative before the Vermont Public Service Board regarding a Certificate of public good for dry cask high-level nuclear waste storage at Vermont Yankee Nuclear Power Station.

2006 – Heinrich Boll Foundation invited participant Chernobyl +20 International conference at Kiev, Ukraine.

2009 – Greenworld invited participant International Conference on Decommissioning at Sosnovy Bor (Technical City), Leningrad Oblast, Russia.

2011 – Commenter to the president's Blue Ribbon Commission on America's Nuclear Future (Wiscasset, Maine and Boston, Massachusetts)

2011-2012 Friends of the Coast/ New England Coalition pro se representative intervening in Seabrook Station license renewal.