

## Thomas Graham, Jr.



Ambassador Thomas Graham, Jr.  
Executive Chairman of Lightbridge Corporation USA

Ambassador Thomas Graham, Jr. is Executive Chairman of the Board of Directors of Lightbridge Corporation, a company which develops new types of nuclear power fuel based on high power density metallic technology. These fuels are designed to improve the economics of existing and new nuclear power plants while enhancing safety characteristics and proliferation resistance and reducing waste. Lightbridge is a U.S. company located in McLean, Virginia, listed on the NASDAQ, which has conducted its primary research and development work in the United States, Russia, and Canada.

In December of 2009, Ambassador Graham was appointed to the United Arab Emirates' International Advisory Board, helping to guide that country's nuclear energy program and hold it to the highest standards of safety, security, non-proliferation, transparency and sustainability. Ambassador Graham is also Chairman of the Board of Directors of CanAlaska Uranium Ltd. of Vancouver, Canada a uranium exploration company. From July, 1997 to November, 2012 Ambassador Graham chaired the Board of Directors of Mexco Energy Corporation of Midland, Texas, an oil and gas exploration company listed on AMEX.

Internationally known as one of the leading authorities in the field of international arms control and non-proliferation. Ambassador Graham served as a senior U.S. diplomat involved in every major international arms control and non-proliferation negotiation in which the United States took part during the period 1970-1997. This includes The Strategic Arms Limitations Talks (the Interim Agreement on Strategic Offensive Arms, the Anti-Ballistic Missile Treaty and the SALT II Treaty), The Strategic Arms Reduction Talks (the START I Treaty and the START II Treaty), the Intermediate Range Nuclear Forces Treaty (INF), the Nuclear Non-Proliferation Treaty extension, the Conventional Armed Forces in Europe Treaty (CFE), and the Comprehensive Test Ban Treaty (CTBT).

In 1993, Ambassador Graham served as the Acting Director of the U.S. Arms Control and Disarmament Agency (ACDA) and for seven months in 1994 served as the Acting Deputy Director. From 1994 through 1997, he served as the Special Representative of the President for Arms Control, Non-Proliferation, and Disarmament, appointed by President Clinton and in this capacity in 1994-1995 led U.S. government efforts to achieve the permanent extension of the NPT. He also served for 15 years as the general counsel of ACDA.

He additionally served among other assignments as the Legal Advisor to the U.S. SALT II, START I, and START II Delegations and was the senior arms control agency representative to the U.S. INF Delegation and the U.S. Conventional Armed Forces in Europe Delegation.

Ambassador Graham worked on the negotiation of The Chemical Weapon Convention and The Biological Weapons Convention. He testified before Congress on the implementing legislation for the Biological Weapons Convention and co-managed the Senate approval of the ratification of the Geneva Protocol banning the use in war of chemical and biological weapons. He also helped manage Senate consideration of the ratification of the SALT II, START I, INF and CFE Treaties. He chaired the U.S. delegation to the 1993 ABM Treaty Review

Conference and the 1996 Review Conference of the Conventional Armed Forces in Europe Treaty.

Ambassador Graham is a widely published author in both scholarly journals and major newspapers for example publishing a major article on nuclear weapon proliferation in the National Strategy Forum Review in 2007. A comparable article in the Baker Center Journal for Applied Public Policy at the University of Tennessee was also published in 2007. In 2008 with Ambassador Max Kampelman, Ambassador Graham published an article on the elimination of nuclear weapons in the *Washington Times* and an article on the Test Ban in *Spectrum*, the magazine of the Comprehensive Test Ban Treaty Office. He also published an article with Russell Schweickart on asteroids, NASA and nuclear weapons in the March, 2008 issue of *Scientific American*. In the spring of 2012, the Baker Center Journal published a second article by Ambassador Graham entitled the Nuclear Non-Proliferation Treaty under Threat: Iran and North Korea. His article, A New Pathway to Prohibiting Nuclear Testing, was published online on June 3, 2014 by WMD Junction which is edited by the Monterey Nonproliferation Review. Ambassador Graham has authored seven books. *Disarmament Sketches: Three Decades of Arms Control and International Law* (2002), *Cornerstones of Security: Arms Control and International Law in a Nuclear Era* (2003) with Damien LaVera, *Common Sense on Weapons of Mass Destruction* (2004), *Spy Satellites and Other Technologies that Have Changed the Course of History* (2007) with Keith Hansen, and *Unending Crisis: National Security Policy after 9/11* (2012), were published by the University of Washington Press. A second book with Keith Hansen, *Preventing Catastrophe: The Use and Misuse of Intelligence in Efforts to Halt the Proliferation and Use of Weapons of Mass Destruction* was published by Stanford University Press in 2009. A novel, *Sapphire: A Tale of the Cold War*, was published in 2014 by AuthorHouse, a subsidiary of Penguin Books. A new book, *The Alternate Route: Nuclear Weapons Free Zones*, which addresses the potential for the nuclear weapon free zone movement to serve as an alternate pathway to nuclear disarmament given the current U.S.-Russia impasse, will be published in late 2017 by the Oregon State University Press. A second new book co-authored with Dr. Scott Montgomery of the University of Washington, *Seeing the Light, the Case for Nuclear Power in the 21<sup>st</sup> Century*,

is planned for publication by Cambridge University Press, also in late 2017. Ambassador Graham has taught at many prestigious universities, including the University of Virginia School of Law, the Georgetown School of Foreign Service, the Georgetown University Law Center, Stanford University, the University of California at Berkeley, the Jackson School of International Studies at the University of Washington, the University of Tennessee, and Oregon State University.

Ambassador Graham received an A.B. in 1955 from Princeton University and a J.D. in 1961 from Harvard Law School. He is a member of the Kentucky, the District of Columbia and the New York Bars and is a member of the Council on Foreign Relations. He chaired the Committee on Arms Control and Disarmament of the American Bar Association from 1986-1994. Ambassador Graham received the Trainor Award for Distinction in Diplomacy from Georgetown University in 1995. On May 2, 2007 Ambassador Graham received the 2006 World Order Under Law Award of the International Section of the American Bar Association. He twice received the Distinguished Honor Award, twice the Superior Honor Award and the Meritorious Honor Award from ACDA. He also received the Meritorious Honor Award from the Department of State. He is a board member of the Center for Interfaith Relations based in Louisville, Kentucky which is committed to the development of interfaith understanding. He is also a board member of the Faith and Politics Institute of Washington, DC, the mission of which is to promote racial harmony in politics as well as interfaith understanding. In 2015 Ambassador Graham was appointed to the Board of the World Affairs Council of Kentucky and Indiana. In addition, in 2015 he co-authored a Manifesto on Climate Change, also co-authored by Richard Rhodes, Dr. KunMo Chung, Kathleen Kennedy Townsend, Ambassador Jayantha Dhanapala, Ambassador Sergio Duarte, Dr. Hans Blix, Ms. Jody Williams, and Dr. Karen A. Hallberg. In 2011 Ambassador Graham was appointed Adjunct Professor of Political Science by the Department of Political Science at the University of Tennessee and in 2012 he was appointed an Affiliate Professor by the Jackson School of International Studies at the University of Washington.