

FOR IMMEDIATE RELEASE

Conventional Wisdom About Renewable Energy Sources to be Challenged

Palo Alto, California (January 21, 2014) – The shortfalls of ‘renewable’ energy sources in addressing climate change will be front and center in two sessions on nuclear power at the Energy and Climate Change Conference (<http://www.energyandclimatechange.org>), being held January 27-29, at the Hyatt Regency Crystal City, Arlington, Virginia. Both sessions are on Wednesday, January 28, and are panel discussions featuring luminaries in the field. They are chaired by two principals from Thorium Energy of Silicon Valley, Dr. Robert Greene and Dr. Alexander Cannara. This 15th annual conference is sponsored by the National Council for Science and the Environment

The morning session is entitled “*Nuclear Energy as a Non-Carbon Energy Option*”. It covers the increased need for nuclear energy and the current state of development and the US and world markets. Panel members include...

Dr. Seth Grae – President and CEO Lightbridge and member of the Civil Nuclear Trade Advisory Committee to the Secretary of Commerce

Dr. Ripudaman Malhotra – Stanford Research Institute International and co-author of: “A Cubic Mile of Oil”

Dr. Jasmina Vujic - Professor Dept. of Nuclear Engineering, Director Nuclear Science and Security Consortium, and Director Berkeley Nuclear Research Center

Sal Golub - Associate Deputy Asst. Secretary for Nuclear Reactor Technologies, U.S. Dept. of Energy

“Current energy discussions are flawed in multiple ways. The source of many of the issues is that they are using a business-as-usual model. They neglect the massive amounts of energy we are going to need to combat ocean change due to acidification, desalination and other modifications needed to correct for climate change and to move away from a carbon combustion standard”, stated Dr. Greene. “Renewables are energy sparse. They deliver too little energy per unit of investment. We need to fix the oceans. That alone will take at least an additional 25% more energy globally. We can only accomplish this by taking bigger bites with energy-dense nuclear. We need to start immediately.”

The afternoon session is entitled “*Nuclear Energy Technologies for 2025 and 2050 & Advancing Nuclear-Energy Options*”. As the title implies, this session looks at technologies that should be in place at these future dates assuming that sufficient funding is provided. It reviews the features of Gen IV reactors that make them safer, cleaner and more efficient. Panelists include...

Dr. Stephen Boyd -- CEO, Havelide Systems, Inc.

Rod Adams -- Publisher, Atomic Insights

Dr. Darryl Siemer -- former Consulting Scientist with Idaho National Labs

Dr. John Steinbruner -- Professor of Public Policy, School of Public Policy; Director, Center for International and Security Studies, University of Maryland

Alice Caponiti -- Director for Space and Defense Power Systems, U.S. Dept. of Energy

According to Dr. Cannara, “The nuclear power we've known for over five decades has been the cleanest and safest power source ever deployed by mankind – even safer and cleaner than so-called ‘renewables’. Safer, cleaner and more efficient approaches have not been implemented commercially because American reactor design has been frozen.” He continued, “In 1962, President Kennedy shared his energy vision in a request to Glenn Seaborg, Chairman of the Atomic Energy Commission (<http://tinyurl.com/6xgpkfa>). But a decade later we fumbled the ball. We must stop dithering and get to where we should have been if we'd followed Seaborg's and Kennedy's ideas. It's of little import if we keep world temperature rise to 2°C by 2100, if oceans are dead by 2050. This is an Apollo 13 moment – we have limited time and no room for error.”

Thorium Energy of Silicon Valley is an affiliate of ThoriumEnergyAlliance.com, a 501(c3) citizens' activist group dedicated to promoting lasting, safe, efficient, clean, and emissions-free energy solutions for the US and the world through nuclear energy -- particularly Molten Salt Reactors (MSRs) and those based on a Thorium-Fluoride fuel cycle (<http://tinyurl.com/nu5o7k5>).

One objective is to re-institute nuclear development in the US based on the successful prototypes developed at Oak Ridge National Labs in the 1960's, passed over in the 1970s for political reasons, but now taken up by China and others. And, we wish to remind our President of his wise 2010 statement*: "To meet our growing energy needs and prevent the worst consequences of climate change, we need to increase our supply of nuclear power." JFK might have agreed, but again, we remain behind.

###

FOR MORE INFORMATION AND TO SCHEDULE INTERVIEWS CONTACT

Dr. Robert Greene at bobgreenephd@gmail.com, and

Dr. Alexander Cannara at cannara@sbcglobal.net (650 400 3071).

* www.theguardian.com/environment/2010/feb/16/barack-obama-nuclear-reactors