

# EIR

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Prince Philip Wants To Kill You  
British Target Four Powers  
Cancel the Copenhagen Climate Summit!

**The Dubai Crisis of Financial  
Europe: The Copenhagen Horror!**



# No to the 'Clash of Civilizations'!

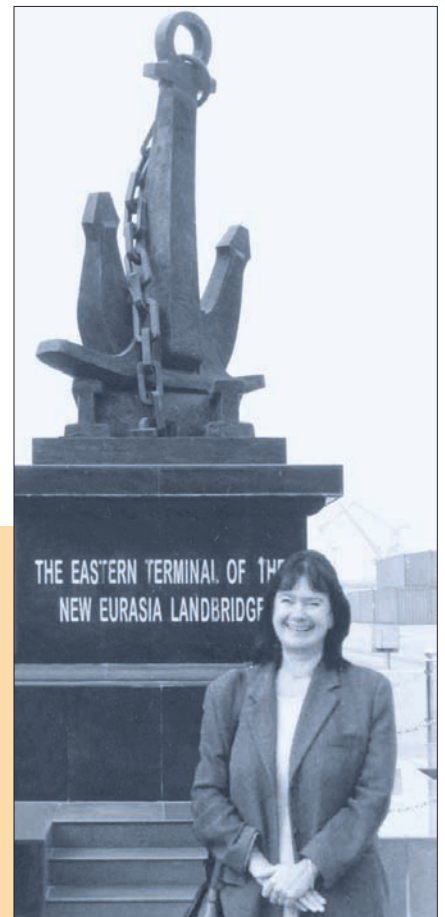
The Anglo-American financier oligarchy is trying to unleash a "Clash of Civilizations," to block the vast potential for Eurasian development. Instead, the Western powers should join in the great project of the new millennium, the Eurasian Land-Bridge.

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EIRNS  
Helga Zepp-LaRouche known as "the Silk Road Lady," has played a major role in organizing worldwide support for the Eurasian Land-Bridge. She is shown here at Lianyungang Port in China, October 1998.



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Lyndon H. LaRouche, Jr.

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#### ON THE WEB

e-mail: eirms@larouchepub.com

www.larouchepub.com

www.larouchepub.com/eiw

Webmaster: John Sigerson

Assistant Webmaster: George Hollis

Editor, Arabic-language edition: Hussein Askary

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issues), by EIR News Service, Inc., 729 15th St. N.W.,  
Washington, D.C. 20005.  
(703) 777-9451

**European Headquarters:** E.I.R. GmbH, Postfach  
1611, D-65006 Wiesbaden, Germany;  
Bahnstrasse 9a, D-65205, Wiesbaden, Germany  
Tel: 49-611-73650  
Homepage: <http://www.eirna.com>  
e-mail: [eirna@eirna.com](mailto:eirna@eirna.com)  
Director: Georg Neudekker

**Montreal, Canada:** 514-855-1699

**Denmark:** EIR - Danmark, Sankt Knuds Vej 11,  
basement left, DK-1903 Frederiksberg, Denmark.  
Tel.: +45 35 43 60 40, Fax: +45 35 43 87 57. e-mail:  
[eirdk@hotmail.com](mailto:eirdk@hotmail.com).

**Mexico:** EIR, Manual Ma. Contreras #100,  
Despacho 8, Col. San Rafael, CP 06470, Mexico, DF.  
Tel.: 2453-2852, 2453-2853.

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# EIR

## From the Managing Editor

**T**he City of London and its royal sponsors are reeling from the direct hit delivered over the Thanksgiving holiday by the dramatic news from Dubai. As Lyndon LaRouche writes in “The Dubai Crisis of Financial Europe: The Copenhagen Horror!” (*Strategic Overview*): “The developments in Dubai are an expression, like the lit fuse on a bomb, of the explosive potential of virtually the entirety of the present world monetary-financial system, a crisis of a magnitude potentially comparable to, but potentially much greater, more disastrous than Europe’s Fourteenth-Century ‘New Dark Age,’ this time on a global scale.”

A second blast against the Empire found its target, the same week, thanks to some creative computer hackers, who broke into the East Anglia Climatic Research Unit’s e-mails, and exposed the wholesale fraud of London’s “Global Warming” hoax. This week’s *Feature* covers the story in “Science vs. Genocide: What the ‘Climategate’ E-mails Don’t Say,” while Helga Zepp-LaRouche issues a call to “Cancel the Copenhagen Climate Summit!”

True to form, the little Queen and her minions are lashing out, in a last-ditch attempt to salvage their rotting empire. Most telling is the report from Russia, on the bombing of a Moscow-St. Petersburg train Nov. 27—a bloody attempt to blow up the emerging Eurasian alliance that is key to realizing LaRouche’s Four-Power proposal to establish a new world credit system and avert a new dark age (see “British Target Four Powers,” in *National*). But, all is not well at the seat of the Empire, as LaRouche writes in a signed *Editorial*, “A Queen in Check!” (p. 47).

In this week’s *Feature*, you will also read about the Empire’s attempt to finish off the once-mighty U.S. economy, now that their puppet President Obama has shown himself incapable of imposing the fascist measures the Empire is demanding. Even as Obama self-destructs, the Brits are driving to impose their Hitler health care (“Prince Philip Wants To Kill You,” and “‘Beast’ Callahan: End Science, Exterminate the Aged”).

In defiance of the British genocide policy, the Koreans are making significant progress in developing fusion power (see *Science & Technology*).

And, on Dec. 3, LaRouche will make a critical intervention into the battle, with his 11th and last webcast of the year, “The Real Change Is Coming” (1 p.m. at [www.larouchepac.com](http://www.larouchepac.com)).



## Cover This Week

*Unidentified creatures demonstrate against “global warming” in Manila, the Philippines, June 16, 2009.*



ADB

### **4 The Dubai Crisis of Financial Europe: The Copenhagen Horror**

By Lyndon LaRouche. The “Dubai crisis,” now sending shock waves through European capitals, is not about Dubai, but rather, the bankruptcy of the global monetary system. Only that relative handful of competent economists who have mastered the lesson of LaRouche’s “Triple Curve” function can understand both the causes for, or real alternatives to, and the panic presently associated with that fantasy-world know as Euroland. The onrushing, global physical-economic and financial-monetary crisis, is to be seen as an echo, on a global scale, of the specific type of breakdown-crisis which the post World War I Versailles Treaty conditions imposed upon Germany.

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Dubai is a major financial center of the Afghan dope trade, a petrodollar center, awash with hot money, flight capital, and criminal activity. Will that Dubai crisis will be the trigger for the final collapse of the system, or will that final date with destiny will be postponed a bit longer?

## Feature

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Helga Zepp-LaRouche issued this statement, demanding that the Climate Summit in Copenhagen, whose demand for action against “global warming” is based on fraudulent, manipulated data, must be cancelled.

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The slight upward spike in surface temperatures over approximately two decades preceding 1998 has disappeared from the land surface records, and has been followed by a cooling trend for the last eight years, which has largely eliminated the alleged increase over the previous century. The hoax has been denounced by influential figures in Britain.

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Daniel Callahan, founder of the Hastings Center, demands that the elderly be killed by withdrawal of medical care, and that scientific progress in medical care be shut down. He’s now jumped into the middle of the Obamacare debate.

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The bombing of the Nevsky Express train, traveling between Moscow and St. Petersburg, is evidence of the fury of the City of London-centered financial oligarchy, in response to recent breakthrough developments toward a Four Powers alliance—of the United States, Russia, China, and India—to replace the hopelessly bankrupt system with a credit system.

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## Editorial

### **47 A Queen in Check!**

THE DUBAI CRISIS OF FINANCIAL EUROPE:

## The Copenhagen Horror!

by Lyndon H. LaRouche, Jr.

November 28, 2009

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*It was Thanksgiving Day 2009, which caught the U.S.A. sleeping: the day western Europe threatened to be overtaken by an echo of Autumn 1923 Germany—from Dubai! Only that relative handful of competent economists who have mastered the lesson of my “Triple Curve” function, could really understand both the causes for, or real alternatives for, and the panic presently associated with that fantasy-world known as Euro-land. Nonetheless, the least that even the usually ill-advised, rather pompous sort of both economists and statesmen of western and central Europe should have recognized, is that they can not continue down the road to the Copenhagen Summit, and, also, expect to avoid an early appointment in a virtual economic and demographic, planetary Hell.*

*The present international monetary crisis signaled by Europe’s recent Dubai-Afghanistan crisis typifies this situation.*

*I explain, summarily.*

---

On the subject of Dubai: the typical best way to educate the world’s leading statesmen and economists in the matter of the causes and remedies for the present day’s on-rushing, planet-wide echo of Autumn 1923 Weimar Germany, is to emphasize the following:

The only competent way, scientifically, to classify

and understand the economic theory appropriate for study of the presently onrushing, global physical-economic and financial-monetary crisis of the planet as a whole, is to recognize it as an echo, on a global scale, of the specific type of breakdown-crisis which the Versailles treaty conditions imposed upon Germany into the course of 1923.

This is a study which can not be competently concluded without reliance on my 1996-2009 treatment of what I have named as “The Triple Curve” method, the method required for understanding the way in which the great global monetary crisis of the post-World War II period to date, actually developed. The special case of 1923 Weimar Germany, is the model case to be studied in preparing specialists for the way in which the post-April 1945 pattern of post-World War II developments has come to the present point of a global breakdown-crisis of the world’s presently, hopelessly bankrupt, world monetary system.

This is not to say that a general breakdown of the world’s economy is now inevitable. It is to emphasize that, without a seemingly radical change from the present world monetary system, to the contrary American System of economy, that of a credit system, as prescribed by the U.S. Federal Constitution, there is no present possibility of avoiding a relatively immediate plunge of the planet into a prolonged new dark age in which the world’s population must be expected to fall

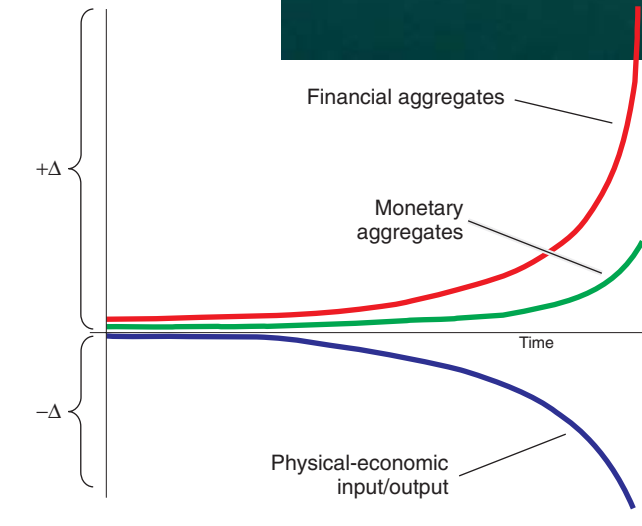


*LaRouche's "Triple Curve" schematic provides the methodology to understand what underlies the Thanksgiving Day Panic emanating from the threatened bankruptcy of Dubai World. Shown: Dubai Maritime City; LaRouche's original, 1996, version of the Triple Curve.*



Creative Commons

FIGURE 1  
**LaRouche's Triple Curve**



from about 6.7 billions persons, to two, or even much less. As much as is presently certain about the exact timing of these developments, is, that, without an early change from a monetarist system to a U.S. Constitutional style of credit-system, what would have been recently considered as civilization, would be gone from the planet for some generations yet to come.

The interspersing of odds and ends of decorative and also diversionary chatter about this or that feature of the present world economic crisis, will only divert attention from the crucial fact of the matter of the Dubai case. What is crucial, is the fact that this week's developments have only one essential relevance: the British avowedly imperial monarchy's reaction to this new de-

velopment within the presently accelerated world, economic-breakdown crisis.

The essential fact of this development is, that the British monarchy is reacting hysterically, and foolishly, if also maliciously, to the essential fact of the Dubai crisis. Essentially, the present world monetary system is in the process of not a mere recession, nor a mere depression, but, a general breakdown-crisis of a type whose nearest likeness in precedents from European history, is Europe's Fourteenth-century, Venice-orchestrated "New Dark Age."

The essential difference between the trans-Atlantic crisis of this present moment, and that of the Fourteenth-century "New Dark Age," is that the presently on-rushing economic landslide is already far worse, in its characteristics, than that of Europe's Fourteenth Century.

The political effect of what has become best known, if only momentarily, as western Europe's "The Dubai Crisis," came to prominence in Europe in its connection with a related political crisis in Germany. Second thoughts showed that not only all western Europe was hit immediately, and with hard blows, by the threatened bankruptcy of leading, drug-infested, financial interests of Dubai and Afghanistan. Germany's role as a third-ranking party within the Anglo-American war-





An image of the horror of an earlier Dark Age: detail from "Hell" in the "Garden of Earthly Delights" triptych (1503-04) by Hieronymus Bosch.



fare in Afghanistan, gave the forewarning of what was about to break out politically as also economically; the British Queen was, after a fashion, prepared in advance.

Now, take a glance under the bed-sheets and burkhas of the drug-trafficking-centered Dubai crisis itself. The present day's development, points to what must be now considered seriously as a potential trigger for a monetary chain-reaction collapse, not only of western Europe, but a crisis with powerful, crushing repercussions among both Wall Street financier interests and even the U.S. Obama Administration itself.

The developments in Dubai are an expression, like the lit fuse on a bomb, of the explosive potential of virtually the entirety of the present world monetary-financial system, a crisis of a magnitude potentially comparable to, but potentially much greater, more disastrous than Europe's Fourteenth-century "New Dark Age," this time on a global scale.

For the moment, the best place to focus an economist's investigation of the Dubai-triggered phase of this present European crisis, is in the effort to understand this present day's global parallel to 1923 Germany, which means to focus on the so-called "bail-out" crisis centered in both the United Kingdom, and in the U.S.A., a crisis now continuing from September 2007 onward to the present point of a threatened, Obama-fed general breakdown of the U.S. monetary-financial system itself.

But, we must look deeper than that, and that over a much longer span of nearly three generations, to understand what the Dubai crisis has triggered for the present moment of crisis.

The key for understanding the origin of this presently accelerating breakdown-crisis of the present world monetarist system, is to be seen in a long history of the period of conflict between the United States and the British Empire since that empire was created by actions at the February 1763 Peace of Paris. This is to be traced, most emphatically now, since the April 13, 1945 inauguration of the scoundrel President Harry Truman, which led into the presently onrushing general breakdown-crisis of the London-dominated trans-Atlantic political-economic system.



Lyndon B. Johnson Library/Cecil Stoughton

*The Warren Commission presents its fraudulent report to President Johnson, Sept. 24, 1964. Left to right: John J. McCloy, J. Lee Rankin (general counsel), Sen. Richard Russell, Rep. Gerald Ford, Chief Justice Earl Warren, President Johnson, former CIA director Allen Dulles, Sen. John Sherman Cooper, and Rep. Hale Boggs.*

Therefore, to understand the essential truth behind the present Dubai crisis, we must not fail to take into account a crucial additional factor, which did not exist in the span of the period from the 1933 inauguration of President Franklin Roosevelt, until the aftermath of the cover-up of the true origins of that hoax which was executed by the actions of the Warren Commission: the crucial part played in history since 1963-64 by the combined effects of both the assassination of President John F. Kennedy and the hoax of the Warren Commission.

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## I. The Warren Commission Hoax

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Some secrets just seem never to be successfully and finally hidden.

The decline of the U.S. economy, which began with the Warren Commission's hoax respecting the assassination of President John F. Kennedy, is the advent of the steep decline of the U.S.'s economy and influence in world affairs, since that time.

That is to say, that, despite all else, the U.S. economy was, then, still on the way up; until the Kennedy assassination, until the effects of the Warren Commission were to be taken into account. The Warren Commission's role was the beginning of the way down, for the U.S. economy, and Europe's, too. The world-wide

breakdown-crisis of the existing, global monetary system right now, is essentially an outcome of the turn which occurred with the Kennedy assassination, the turn of 1963-1964.

It turns out, now, that the “lone assassin” swindle concocted by the Warren Commission, was later discredited by U.S. President Gerald Ford’s promotion of a novel hoax which became known as the “magic bullet” fantasy. However, to understand the Warren Commission swindle, and also President Ford’s novelty, today, we must go back nearly three generations, since the close of “World War II.” Real history, when competently told, is often tricky, just like the history of the assassination of President Kennedy. It is a horror which can never be forgotten, because, like the officially concocted, mythical aspects of “9-11,” the effect of its occurrence is embedded, as if permanently, in the causes of ever fresh developments in still ongoing history, as in such places as Dubai and nearby Saudi Arabia still today.

Near the beginning of these decades of developments in a post-President Franklin Roosevelt world, there was a radical shift in the trans-Atlantic Americas and in western and central Europe, a shift to guidance by a certain lying doctrine. This was a doctrine associated with the outright “brainwashing” expressed by a piece of widely published, existentialist perversion, in a book titled **The Authoritarian Personality**, a book whose burden was echoed in post-World War II Europe by the establishment of the post-World War II **Congress for Cultural Freedom**.

The most essential characteristic of that inherently depraved post-World War II, “western” Anglo-American system, has been the commitment by the ruling, post-World War II monetarist interest, to either suppress the commitment, as under U.S. President Franklin Roosevelt, to scientific and technological progress in the standards of production and consumption, or to limit relevant investments in science and technology to military capabilities. Indeed, it has been chiefly through the combination of the promotion of the wasting effect of long wars, and of preparation for such wars, or for nuclear warfare, that the economies of North America and Europe have been worn down to the effect that, since a post-Kennedy Administration turning-point under the conditions of the 1964-1975 Indo-China warfare, there has been a negative trend in net supply of basic economic infrastructure since 1965-66 in the U.S.A., with similar effects throughout the Americas

generally, and in western and central Europe since that time.

This post-FDR ideological assault against reason itself, changed the *dynamic* of trans-Atlantic, and, thus, world history, as Percy Bysshe Shelley defined history, in his **A Defence of Poetry**, up to the present day. It was those two latter, post-war fascist types of cultural frauds, concocted by the opponents of the tradition of Shelley’s work, combined with the fact of what those opponents of Shelley represented more broadly, which were largely responsible for crafting the susceptibility of citizens to the virtual, systemic brain-damage which allowed many terrified Americans to wish to believe the hoax known as the Warren Commission “finding” of John J. McCloy, et al.

So, when the death of a great public hero, such as Franklin D. Roosevelt, or, the somewhat comparable case of the assassination of John F. Kennedy occurs, a people without an adequate replacement for the role of those special kinds of national and world leaders, tends to push societies to lose confidence in the powers of reason. Then, in such a setting, there came a time, repeatedly, when the rules on which they had come to depend, seemed to have failed them, as the spread of the combined legalization and quasi-legalization of the British-directed, “recreational drug” traffic has ruined morality throughout western and central Europe and the Americas today.

So, similarly, the Versailles crimes against German humanity, cleared the way for the British promotion, through channels such as the Bank of England, of the Autumn 1923 rise of the Adolf Hitler phenomenon, a phenomenon created by the British monarchy which created the Hitler pest it later came to regret, a British imperial system which has, more recently, renewed the launching of those pro-genocidal policies revived by the British government of former Prime Minister Tony Blair and Blair’s virtual mere puppet, U.S. President Barack Obama, today.<sup>1</sup>

The cases to which I have referred summarily in the preceding paragraphs, have been addressed, both by me and others, in many locations, that over the course of the decades since the death of President Franklin Roosevelt. The task which falls to me in the present setting of the social-psychological effects of a generally ac-

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1. Without two terms under U.S. President George W. Bush, Jr., a President Barack Obama, with his “moustache,” would not have been possible.

The current financial-economic crisis is a global echo of the breakdown-crisis which the Versailles Treaty imposed upon Germany. The Treaty's demands for draconian reparations erupted into the hyperinflation of 1923, creating the conditions for Hitler's rise to power.



Simplissimus

A German magazine (1918) denounces the British: "The English Dentist and the Dutchman," with the caption: "I need your teeth to make myself new dentures."

of the social-psychological effects of a generally accepted, but inherently fraudulent notion of the meaning of "money," is to point out the way in which that pathological trait known as the existentialist form of belief in money, ruins the otherwise natural capacity for rational behavior among human beings affected by such beliefs.

Consider the technically insane elements of those "health care" elements of the Obama Administration's moral perversity which are called "behaviorists," pres-

FIGURE 2  
Weimar Hyperinflation in 1923  
(Wholesale Prices, 1913=1, Logarithmic Scale)



Simplissimus

French troops occupied Germany's Ruhr region in January 1923, when Germany was unable to meet reparations payments. Headline: "Black Banners of Mourning in the Ruhr"; caption: "All for nothing. French capital prevailed."



This 1932 election poster reads: "Enough Is Enough! Vote for Hitler" The Nazis won, infused with cash from London and Wall Street, and Hitler became Chancellor on Jan. 30, 1933.

North America are to be traced to the crushing of the Massachusetts Bay Colony, by both England's James II and William of Orange, and to the establishment of the British East India Company as an imperial power by the 1763 treaty known as The Peace of Paris. It was the attempted imposition of the Company's efforts to crush

ently acting in the Adolf Hitler "Tiergarten Vier" tradition, as in the tradition expressed as the Hitler-copied IMAC (Independent Medicare Advisory Council) policy of such as President Barack Obama's Dr. Ezekiel Emanuel. These elements are key for identifying those toxic elements of belief which have led President Barack Obama to adopt such Hitler-like (e.g. IMAC) behaviorist policies of economy and health-care which are in the process of destroying both the morals and welfare of the people of the United States and western and central Europe today.

Amid these trends of moral and economic decadence associated with the role of the so-called middle-class "Baby Boomer" stratum, the case of the Warren Commission's hoax is all too typical of the repeated efforts to bring the United States under the control of a certain pro-imperialist, monetarist faction, a faction whose origins within



for independence which was to become the U.S. Federal republic.

From 1763 on, it was the division between the patriots and the agents of the British East India Company under those circumstances which divided the population of the U.S.A. between the patriots and what is often referred to as that same “Wall Street” pestilence whose actions, since September 2007, have projected the monetarist aspects of the present U.S. economic system into the presently accelerated state of a general breakdown-crisis of the national economy, through “bail outs” in the order of tens of trillions of wildly inflated nominal U.S. dollars.

Since that same time, in early 1763, the existence of the United States has been the principal continuously recurring threat to the global imperial power of the Venetian-style monetarist oligarchy which controls the presently reigning world’s monetary system. Since the failure of the British Foreign Office’s failed 1861-1867 attempt, under Lord Palmerston, to crush both the United States and Mexico, the notable assassinations of U.S. Presidents Abraham Lincoln, James A. Garfield, William McKinley, and John F. Kennedy, are notable as assassinations steered by British assets for the purpose of effecting a radical shift in U.S. policy done for the advantage of the British empire. The assassination of former U.S. Secretary of the Treasury, Alexander Hamilton, by the treasonous British Foreign Office agent Aaron Burr, should be placed as comparable in its political effect to the killing of each of the three noted sitting Presidents.

### ***The True Nature of The Empire***

As I have emphasized repeatedly, on relevant occasions, the popular use of the term “empire,” is largely nonsense. In speaking of the existence if the British Empire, there are several crucial qualifications in that use of the term “empire.”

Firstly, it must be acknowledged, that the British empire was originally established as an empire of a private enterprise known as the British East India Company. This is, the same Company, actually headed, then, by the Lord Shelburne who launched the British Foreign Office, in 1782, as, then, a political-intelligence instrument of the British East India Company. Later, with the bankruptcy of that East India Company, which occurred as a consequence of the defeat, by President Abraham Lincoln, of Britain’s puppet, the Confederacy, the Company slid into bankruptcy and Queen Vic-

toria’s inauguration as Empress of India in 1877, and the resulting beginning of what became the two “world wars” the so-called “Cold War,” and more, of the Twentieth Century.

Secondly, the United Kingdom of, essentially, England, Wales, and Scotland, and appendages, is a nation-state, rather than an empire in itself, and would remain a nation-state by right were the trappings of empire to be nullified. The British empire was never really the people and territory of Great Britain, but has been always, since 1763, and remains, what it became under the auspices of the British East India Company, in February 1763. In fact, the British empire which is led by Queen Elizabeth II today, is to be properly recognized as a continuation of the system of *maritime* imperialism which was set into motion, under various managements, initially by the Grecian defeat of the Persian Empire’s efforts to grab reign over the Mediterranean. Essentially, the death, probably by assassination, of Alexander the Great led to a system of rivalries collectively centered upon the Mediterranean which was first consolidated as a single maritime form of imperial power with the agreement struck, on the Isle of Capri, between Augustus Caesar and the priests of the cult of Mithra.

Thirdly, since that time, all European-centered empires have been maritime powers defined by a system of what is to be recognized as *monetarism*, a system under which an international monetarist arrangement of the type sometimes identified as “free trade,” is that through which nations and their colonies have been subjected to a system of usury controlled by monetarist tyrannies such as ancient Rome, Byzantium, Venice, and the Venetian offspring, Henry VIII’s England, taken over by Venice-based monetarist interests through the aid of Venetian spy, Francesco Zorzi, turned marriage-councillor to the English king.

In the Eighteenth Century, Venetian agents such as the master-spy Antonio S. Conti, presided over the process of locating the nominal headquarters of the Venetian monetarist-imperial system in the maritime centers of London and the Netherlands, including Paolo Sarpi’s offshoot Conti’s virtual creation of the principal fraudulent claims for discoveries by Isaac Newton, and for the role of Conti’s puppet Voltaire in the Eighteenth-century history of Europe, even after Conti’s death in 1749. The roles of John Locke, the Physiocrats’ François Quesnay, and the behaviorist variety of moral degenerates such as Adam Smith, Jeremy



White House Photo/Pete Souza

*The present monetarist system “is doomed to extinction during the very near future,” LaRouche writes, “that at about as rapid a rate of development, as you could recite the name of the extremely unpleasant Rahm Emanuel.” Here, President Obama with Chief of Staff Emanuel, February 2009.*

Bentham, et al.

My proposed great economic reform, for example, is to eliminate monetary systems from the planet, to supersede the present monetarist systems by a fixed-exchange network of credit-systems whose principled feature is the principles famously supplied by Alexander Hamilton to the design of the U.S. Federal Constitution. This means a change to a fixed-exchange rate credit-system among respectively sovereign, cooperating nation-states.

Fourth, the global system of “bail out,” originally infamous for the wicked pranks of U.S. Senator Dodd and Representative Barney Frank, has now created such a hopeless likeness to the monetarist-financial crisis of the Fourteenth-century “New Dark Age,” that there is

no remedy for the now onrushing breakdown-crisis of the entire world system except the wiping out of the fraudulent monetarist assets of the world through a “Glass-Steagall”-like reorganization of those accounts which correspond to the likeness of commercial banking assets under a Glass-Steagall proceeding in bankruptcy. This reform, away from a global monetarist system, to a fixed-exchange-rate, global credit-system of the form consistent with the U.S. Federal Constitution,

would write off most of the reckless monetarist debt-accumulations which are now crushing the world’s real economy, and provide, thus, the means for large-scale, long-term credit used for high rates of gains in productivity and relative energy-flux-density of modes of production and formation of basic economic infrastructure, thus unleashing a high rate of acceleration of physical productivity, per capita, and per square kilometer, world-wide.

This means, that, either: the trillions of dollar-denominated, nominal assets of “Wall Street” speculators, and kindred economic filth, are simply wiped off the books of nations, world-wide, or: the entire planet is plunged into a genocidal form of planetary “new dark age” of several generations’ duration.

One way or the other, the present world monetarist system, or so-called “free trade” system, is doomed to extinction during the very near future, that at about as rapid a rate of development, as you could recite the name of the extremely unpleasant Rahm Emanuel.

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## II. What Went Wrong, Actually?

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The great fallacy in the majority of what passes for a notion of modern economic practice, is the presumption that money-systems are a true standard of measure for economic progress. Yet, in fact, as my own experience has demonstrated for any would-be economist who is thinking clearly, relative economic value does not lie within relations of exchange associated with the notion of a “market.” Consider the relevant argument from the standpoint of Academician V.I. Vernadsky’s conception of the interrelations among a Lithosphere, Biosphere, and Noösphere.

The principle which distinguishes mankind and human society from lower forms of life, is most quickly identified by pointing to the initially curious fact that

the distinction between man and beast lies in the creative powers of the human, conscious, willful creative powers of that specific quality which exists only in the human individual personality. All forms of existence in the known universe express the specifically anti-entropic principle of creativity; but, only mankind deploys that power willfully.

The distinction of man from beast, is most simply illustrated by the fact that only mankind uses fire as an instrument of the creative powers specific to the human individual in society. In the earliest known instances of relevant archeological relics, the very existence of mankind, as distinct from the beasts, is evidence of man's use of fire, from shrubbery to nuclear fission and thermonuclear fusion.

Man's relationship to nature generally, is typified by mankind's reliance on fossil products of the Biosphere which have a relatively high residual composition of elements essential to mankind's living existence and further development. As our ancestors, remote or near, have sought those concentrations of such elements which are relatively the richest, we have tended to depend increasingly on deposits which are relatively marginal. To overcome such relative depletion, we are obliged to discover and deploy means for extraction from fossil resources which require higher relative energy flux-densities, up into the higher levels of "fire" (energy flux-density) associated with fission and fusion processes.

There is, in short, no fixed level of population which can be consider a "natural" level, just as there is no fixed level of energy-flux density which provides an "equilibrium level" for society. For mankind, the rule is, increase the relative energy-flux-density of technologies and of sources of power, or be doomed.

So, for the generations immediately ahead during the remainder of this present, young century, the mission for mankind is the prospect of relativistic travel, using modes such as helium-3-fired fusion power, to reach the lunar orbit of Mars, and to descend to Mars below—and to return, safely, by such means. To undertake that mission, we must, first, develop the largely automated industry on the Moon needed for constructing the systems for Earth-Mars transport and colonization, and for adjusting the conditions of human life in a manner suited to the lower gravity of Mars.

The only opposition to such a commitment of man to reliance on fire, is expressed by the image of the evil Olympian Zeus of Aeschylus' **Prometheus Bound**.

The policy which Aeschylus exposes as evil, in his **Prometheus** trilogy, is what was known in those ancient times as the oligarchical principle of zero-technological "zero growth"—the same "zero-growth" cult which was set into notion during the post-Franklin Roosevelt world by forces of evil typified by Bertrand Russell, Margaret Mead, the existentialists, and the European Congress for Cultural Freedom (from sanity!).

Contrary to the recruits to the anti-nuclear, existentialist cult of so-called "anti-nuclear environmentalism," the possibility of a civilized human population of somewhere around 10 billions living human beings, demands the immediate banning of the gigantic, lying fraud, pushed by hoaxsters such as Britain's Prince Philip and his family's lackey, former U.S. Vice-President Al Gore, of the lunatic cult-belief of so-called "Global Warming." These are the true mass-murderers of our planet today, mass-murderers whose policies, if adopted will produce genocidal effects even far worse than those of the London-launched Adolf Hitler regime of yore.

In the alternative, the continuation and improvement of the well-being of the human race demands not only an increase in the standard level of energy-flux-density in technologies employed, but also new forms of applied technologies which more than offset the depletion of the planet which might occur without emphasis on a driving force of scientific-technological progress.

Despite the fact that the British Empire declared, during the past week's Commonwealth events, that the British Empire otherwise known as the Commonwealth presently dominates the majority of the planet—still the world's nastiest world empire, indeed! The impending Copenhagen Congress, is currently, the leading mobilization for mass-murder throughout the planet, through the proposed, utterly fraudulent pretext of so-called "carbon reduction," of the World Wildlife Fund hoax of England's Prince Philip. So, the U.S. Obama Administration has followed the British Empire's scheme for reducing the world's population by methods, such as IMAC, copied from Adolf Hitler's "Tiergarten 4" scheme of 1939.

### *The Present Breakdown Crisis*

The British monarchy's Copenhagen scheme is not only evil; it is stupid, even for the short term. Not only is the Copenhagen conference's proposed scheme inherently as evil as Adolf Hitler's earlier, but the effects





Creative Commons

*“The British monarchy’s Copenhagen scheme is not only evil; it is stupid, even for the short term.” Shown, a stupid demonstration against global warming at London’s Heathrow Airport, 2007.*

of its attempted implementation mean the doom of Prince Philip’s British Empire itself.

The British Empire’s obscene passion for promoting global genocide through aid of such means as “environmentalism,” has already succeeded in creating the global preconditions for the greatest and fastest rate of mass death throughout the planet as a whole.

What is currently in progress in the world’s physical economy, is a general collapse of the potential relative population-density of the planet which has been ongoing since the combined aftermath of the 1964-1975 Indo-China War, and the frankly fascist economic “reforms” typified by the U.S. Nixon and Carter administrations of the 1970s. The rate of collapse of productive potential caused by policies such as those of the Rockefeller Trilateral Commission, and the far worse effects, during the 1987-2009 interval by the practices of Federal Reserve Chairman Alan Greenspan, have already depleted the potential relative population-density of the planet, to such a degree, that without a virtual crash-program form of science-driver recovery in vast and deep infra-structural development, the rate of mass-death throughout the planet

which is already built into policies such as those of the U.S. Obama Administration would be a planetary holocaust far worse than that of Europe’s Fourteenth Century.

Unless the Obama Administration’s current policies are immediately reversed on all accounts of that President’s own personal policies, there will be, very soon, a chain-reaction like collapse of the U.S. economy over the Winter months whose effects will be a chain-reaction disintegration of the economy of the world as a whole.

During the recent decades, since the onset of the Nixon and Trilateral Commission administrations in the U.S.A., there has been a process of “globalization,” which has become a virtual, global new “Tower of Babel,” which has already almost eradicated the existence of a system of sovereign nation-states throughout this planet. Virtually no nation has control of its essential food supplies, or much of anything else, either. A monstrous evil, cast in the image of the utopian fantasies of the depraved H.G. Wells and Bertrand Russell grips the planet now. If mankind is to survive, that utopian fantasy, together with its “environmentalist” depravities, must be eradicated, that for the sake of a recovering planet composed of cooperating, but respectively perfectly sovereign nation-state republics, a planet freed, as President Franklin Roosevelt had intended, had he lived, a planet freed of the pollution known as the British Empire of Queen Elizabeth II’s Commonwealth today.

There is no chance, in fact, that the intentions expressed by Queen Elizabeth II might succeed. Her empire, too, is doomed, as if by her own hand, if in no other way. The horror proposed for Copenhagen must be destroyed, for the included benefit of the Britain of England, Scotland, and Wales, as much as any other part of this planet.

# The Problem Ain't Dubai: It's London!

by John Hoefle

Nov. 27—Death never takes a holiday, and neither does the global breakdown. While the attention of America was distracted by the Thanksgiving holiday, the British Empire was on the move, making decisions which include a planned early dumping of President Barack Obama.

The “Dubai crisis,” as it is being mis-reported, is actually the breakdown of the London-centered global monetary system. Far from being a mere backwater, Dubai occupies a key place in the dope-running, dirty money, criminal organization which *is* the empire. To view this merely as a “Dubai crisis,” is to miss the point entirely about the nature of the period.

“Since January of this year, but most clearly since the beginning of April, the United States and world civilization, but particularly the United States, is in a process of self-destruction,” Lyndon LaRouche observed Nov. 24.

“What you’re having now—it should be obvious to you all—is a general breakdown of civilization,” LaRouche said. “This is not a financial crisis, though there is one there. It’s not an economic crisis—there’s a real big one there. But it’s a breakdown of civilization. . . the entire society, especially immediately in the United States, is disintegrating.”

The next day, while the American press was busy exhorting Americans to gear up for a Black Friday shopping frenzy, the next phase of the collapse was beginning, in London, and Dubai.

## Hello, Dubai

The public portion of the crisis began when Dubai World, a corporate front for the royal family of the tiny nation, announced that it was requesting a six-month moratorium on its debt payments. The move sent European stock markets plunging on Thanksgiving Day, followed by Asian and U.S. markets the next day, as fears of a new round of losses spread around the world.

Bank stocks were hit the hardest. Dubai World has some \$60 billion of debts, about half of which is reportedly owed to European banks. The company went deep

into debt to fund one of the craziest fantasies we’ve seen in a while, the turning of Dubai into a tourist destination and pleasure center. It created a series of opulent man-made residential islands, shopping malls, luxury hotels, and high-rise towers, filled with nearly every amenity possible, except maybe good taste. The game worked for a while, but then the financial system blew, and real estate values fell by 50%.

The bank debt and the real estate values are trivial, however, compared to the subterranean money flows which form the real economy of Dubai. The tiny emirate is the central black market for the empire’s black-market system, the financial capital of the world’s dope and hot money trade. Dubai today plays a role similar to that of Hong Kong in the earlier days of the British Empire, its high-rises home to some of Afghanistan’s most powerful drug lords, among other narcotrafficking kingpins. This is the real reason for Dubai’s emergence as a financial center.

Dubai is run top-down by the British, built largely with British money, and by British-linked construction firms. Most government agencies have a member of the Dubai royal family as the titular head, with a Brit second in command and actually running the operation. It should come as no surprise that Sheikh Mohammed, the ruler of Dubai, went to London to visit Queen Elizabeth, Prime Minister Gordon Brown, and others, in the days immediately preceding the Dubai World announcement. As the Sheikh himself said, the whole thing had been “carefully planned in advance.”

## What’s Next?

The full extent of what the British have planned remains to be seen, but it is clear that they are not at all happy with the state of their empire, and when they are angry, they tend to lash out. They also tend to make mistakes, which works to our advantage.

Whatever they do, the disintegration will continue. As LaRouche has observed, the system is collapsing faster than the imperialists can put their fascist measures into place, forcing them to constantly react to forces beyond their control. The only way to stop the slide into a new Dark Age, is the full implementation of the LaRouche Plan.

The crash is on. Nothing has been solved, not by all the criminal bailout schemes, not by the so-called stimulus plans, not by the “recovery” lies of the clueless cheerleaders. Through it all, the financial losses have grown, and the physical economy has collapsed. Look



Dubai World

*There is no “Dubai crisis,” as such. The most important thing to know about this tiny emirate is that it is the central black market for the British Empire’s dope and hot-money trade.*

at the number of people who have lost their jobs, the number of families who have lost their homes, the number of state and local governments which are now hopelessly bankrupt and cutting services beyond the marrow. This is reality, and it is getting worse.

Rather than moving to help their people, governments are turning openly to fascism. Trillions of dollars for the bankers, but nothing for the people. We get medical cuts for the elderly, cutbacks in cancer screening, and other such measures. These fascist policies continue to be pushed down our throats. The government knows the people are opposed to these measures, but it imposes them anyway.

All of these policies originated in Britain, where a callous disregard for the welfare of the people by a self-serving and fascist elite is the hallmark of that inferior society. Welcome to more British Empire.

### **More Coming**

The empire, and its colonial flunkies in the United States—like President Obama—know the current system is finished, and they are working feverishly to keep us preoccupied while they dismantle what few protections we have left. Much of this is being done under the false flag of reform—financial reform, health-care reform, tax reform, energy-policy reform, and others—austerity, and further concentration of power in oligarchic hands, sold by the behaviorist psychos as progress. The “new and improved” version of the same old fascism.

Look at the banking reforms that are being pushed by the Brits, their Wall Street agents, and their pets in Congress, like nasty Nancy Pelosi and “Bailout Barney”

Frank. Notable are the moves to make it easier to break up bankrupt financial institutions, and the proposed tax on financial transactions. On the surface these may seem like reasonable policies, but they are not, at least in the context of the existing system. Absent LaRouche’s bankruptcy reorganization, the anti-“too big to fail” moves are really just ways to make it easier for the imperial banks to gobble up their competitors, and the transaction tax a way of charging the victims for being eaten.

No one should ever forget that it was the British Empire that organized and financed the wave of fascism which struck the world in the 1920s and 1930s, the British Empire which gave us Mussolini and Hitler. The empire is still fascist, but since Hitler made it impossible to sell fascism in its own name, it has now been repackaged, as globalization and environmentalism. “It’s not austerity, it’s saving the planet! You still die, but now it’s for a ‘good cause.’ Don’t you feel better already?”

### **The LaRouche Plan**

The only way to stop this descent into Hell is to break the grip of the British Empire over the world, and that means busting up its monetary system. We must take away its power to control money, and give that power to sovereign governments. If that sounds radical to you, just remember it’s what the Constitution says on that, and that our divergence from the Constitution opened the door to the current disaster. If we don’t break the power of the empire, nothing else we do will make a damn bit of difference. Nothing!

Rather than propping up the casino, we shut it down, writing off all derivatives, putting the mountains of speculative debt in the freezer, and reorganizing the banks under strict regulations. No more derivatives, no more casino. Finance becomes what it should be, the servant of real economic activity. Real bankers will love it, and the gamblers—well, who really cares!

We do this in conjunction with Russia, China, and India—and any other nation which wants to join—to form a bloc powerful enough to force the empire into submission. Sorry, Queenie, no more empire.

That done, we can turn our attention to improving the conditions of life on the planet. That means science and technology, infrastructure and production, education and creativity. Rather than going to Hell, we can go to Mars!

*johnhoeftle@larouchepub.com*



# Prince Philip Wants To Kill You

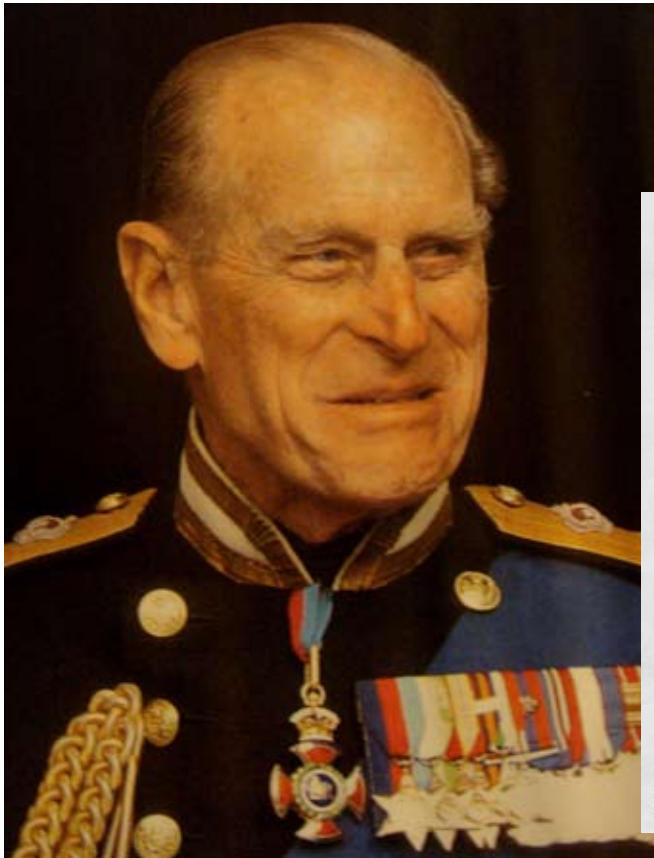
by Nancy Spannaus

Nov. 29—The global pattern is unmistakable. Over the last several weeks, with increasing intensity, agents of Britain's Prince Philip's depopulation lobby have stepped to the fore, to demand the immediate implementation of blatantly genocidal plans, internationally, and especially in the United States. All you have to do is look at the implications and genesis of the calls for a Global Warming treaty, and the official recommendations of the Obama Administration's Health and Human Services Department—as we do in the articles that follow—to see the mass murderous onslaught underway.

Start with the Obama Administration's genocidal recommendation to reduce routine mammograms for all women, especially those aged 40 to 49. This was followed by the release in August of the United Nations Fund for Population Activities (UNFPA) report, which bemoaned the projected increase in population to over 10 billion by 2100, and called for a major offensive against population growth in the name of solving "climate change." The UNFPA call was immediately taken up by the German government, followed by the Danish government, which demanded that population control be part of the agenda at the Copenhagen Climate Conference (Dec. 6-18).

Meanwhile, Prince Philip's World Wildlife Fund came out, in a full-page newspaper ad in Washington, to demand implementation of the anti-human "climate" agenda. This was accompanied by a pattern of initiatives for the legalization of euthanasia worldwide, including Mexico City, France, and, not least, the United States *through the implementation of the Obama Administration's Hitler Health Plan*. The American College of Obstetricians and Gynecologists' call for limiting pap tests for women, which screen for cervical cancers, is just the next step in this series.

Then, as if to put the huge British royal imprint on the genocidal game-plan, Queen Elizabeth II and her Royal Consort, the deadly virus Prince Philip, personally attended the 60th anniversary meeting of the British



*Britain's Royal Consort Prince Philip has plans to kill off billions of the world's people; he has stated openly: "In the event that I am reincarnated, I would like to return as a deadly virus, in order to contribute something to solve overpopulation" (reported by Deutsche Press Agentur, August 1988).*



Commonwealth heads of state, in Trinidad and Tobago Nov. 26-27, in order to forge the 53 members of the Commonwealth into a battering ram for the Copenhagen Conference. The Queen herself, bragging that the Commonwealth represented one-third of the population of the planet, called on her devotees to go to Copenhagen resolve to impose the final treaty—despite the fact that the fraudulent and genocidal nature of the global warming assertions stands thoroughly exposed.

### **Targetting of Women**

What we are looking at, is the British imperial attempt to carry out mass murder on a global scale greater than even Hitler ever dreamed of. As Lyndon LaRouche observed, the babblings from Queen Elizabeth will do nothing to save the British Commonwealth from its inevitable doom under the current system. But, unless LaRouche's own proposals for a Four-Power agreement to replace the bankrupt international monetary system with a Hamiltonian-style credit system are put into effect, and immediately, the British could bring billions of people with them into the grave.

One notable aspect of the British drive to deny medical treatment in the United States is the targetting of women, the demographic group that is key to increasing the population, and the group that lives the longest, thereby "taking up all those resources" in the "last six months of life." Back in the early 1980s, *EIR* published extensive interviews with genocide lobby representatives, who explained the need to target women in order to control population growth. Take the case of Thomas Ferguson, of the State Department Office of Population Affairs, interviewed in February 1981. In discussing the need for population reduction, Ferguson said: "Our program in El Salvador didn't work. The infrastructure was not there to support it. There were just too goddamned many people. . . . To really reduce population, quickly, you have to pull all the males into the fighting and you have to *kill significant numbers of fertile-age females. . . .*"

Think that sounds too extreme for our "cost-effectiveness" experts today? Don't kid yourself. They are prepared to follow their British masters, who say that the financiers have to be saved, come what may, but that the living standards and numbers of people have to be reduced. They are deadly serious—and have to be stopped.

# Cancel the Copenhagen Climate Summit!

by Helga Zepp-LaRouche

*This statement was released by the Civil Rights Solidarity Movement (BüSo), a German political party, on Nov. 27, and has been translated from German.*



EIRNS/James Rea

*Helga Zepp-LaRouche*

The Climate Summit in Copenhagen, which is to take place from Dec. 6 to 18, and in which 193 nations, approximately 65 heads of government, and up to 20,000 delegates are to participate, is based on a gigantic fraud, and must immediately be cancelled—and not only to save the substantial expenses for this neo-malthusian propaganda event, whose real aim consists in establishing a *de facto* world government.

After almost 1,000 scientists have recently distanced themselves from the thesis of the Intergovernmental Panel on Climate Change (IPCC) concerning allegedly anthropogenic global warming, now the scandalous manipulations that hackers have unearthed in the e-mail communications of “scientists” of the Climate Research Unit (CRU) of East Anglia University in Great Britain, are the final proof of the climate fraud—in case anyone still needed it.

In reality, the raw, unadulterated data from long-term weather stations show little or no change during the last 150 years. Half of the stations show a slight cooling, and global cooling has been occurring for around ten years. So what is behind this enormously expensive campaign?

The answer is clear: Apart from all sorts of profiteers, who see the CO<sub>2</sub> emissions trade as a new opportunity for ripping off the population, it is essentially the

policy of the British Empire, or, more precisely, of Prince Philip, who has repeatedly said publicly that he wants to be reincarnated as a virus, so as to more effectively contribute to population reduction. On Nov. 12, the CEO of Prince Philip’s World Wide Fund for Nature (WWF) told reporters: “We believe it fundamental for the President to go to Copenhagen, to look other leaders in the eye, convey our commitment as a country, and secure theirs.” And promptly Obama announced, contrary to earlier statements, that he would be in Copenhagen on Dec. 9.

Moreover, it is monstrous that an official UN organization, the UN Framework Convention on Climate Change, and the Danish government, want to place the question of population reduction officially on the agenda.

According to the Danish newspaper *Berlingske Tidende*, Danish Development Minister Ulla Toerness has admitted the controversial character of this proposal, which in several nations is still considered a huge taboo. But since, she says, there’s a connection between population growth and climate change, this proposal also has the complete support of the Danish Prime Minister.

The British organization Optimum Population Trust (OPT), which crusades for global population reduction, asserts in a study that one of the best opportunities for combatting so-called “global warming,” consists in preventing births, because preventing the birth of new “polluters” would be a far cheaper means to prevent “climate catastrophe,” than acquiring renewable energy sources. According to the study, by spending £200 trillion, we could prevent a half-billion births, and thus the emission of 24 billion tons of CO<sub>2</sub>, over the next 40 years.

Also revealing, according to *Forbes* magazine, is that the “14 richest men in the world” (who owe their wealth not least to the casino economy) met back on May 5 of this year at the home of the president of the private Rockefeller University. Bill Gates, Warren Buffett, Michael Bloomberg, George Soros, Peter Petersen, David Rockefeller, Jr., and the other participants in this illustrious gathering agreed that the problem of population growth poses the worst environmental, social, and industrial threat.

Another in a whole series of conferences, which served to prepare for the Copenhagen summit, was the conference of the Policy Network think-tank on June 5 at the London School of Economics, at which Tony



Blair, whose authorship of the Iraq War is right now under investigation in Great Britain, delivered the keynote speech, emphasizing that a “revolutionary change in behavior” is required. To this end, the United States alone would have to reduce its emissions to one-tenth of the current level! Blair left no doubt that he sees the greatest problem in the fact that China wants to implement “the greatest industrialization that the world has ever seen.”

During a three-day conference in Essen on the theme “The Great Transformation,” organized by the Mercator Foundation in collaboration with the Climate Institute in Potsdam and Wuppertal, a prospectus for its Working Group 4 stated: “Could open democratic societies keep up with the impact of serious changes in the global climate, or could authoritarian regimes be better suited to enforce the measures required?” One of the participants in this conference was the head of the Climate Institute in Potsdam, Hans-Joachim Schellenhuber, a recent host of Prince Charles for an “Experts’ Discussion on the Environment and Climate Themes” at the Potsdam institute, and who has also been awarded the highest English order, the Order of the Garter.

One can only agree with Lord Christopher Monckton in his characterization of the climate fraud and the Copenhagen conference: It is the attempt to establish an unelected world government with enormous and unprecedented powers. A small, closely linked grouping of so-called scientists is now exposed as frauds and criminals. Another grouping under the leadership of former British Finance Minister Lord Nigel Lawson, along with a substantial group of other Lords, authors, and journalists, has just now established a new website, and a Global Warming Policy Foundation (GWPF), which has dedicated itself to the fight against this fraud.

Unfortunately, there can be no doubt that there is a consensus in the pro-British part of the international establishment, to respond to the systemic crisis of the global financial system with a new fascism, in which the poor, the weak, and the sick are to be sacrificed for the benefit of speculative interests.

To aim for such a policy falls under the Nuremberg Laws after World War II. All who want to participate in the Copenhagen conference should remember that. After all that has come to light by now about the climate fraud, there is only one reasonable solution: Cancel the conference immediately.

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## Science vs. Genocide

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# What the ‘Climategate’ E-mails Don’t Say

by Laurence Hecht

The little secret of the University of East Anglia Climatic Research Unit e-mails is that there is no “global warming.” A point of greater significance lies outside them.

The 90 megabytes of e-mail and data files provide evidence that leading figures at East Anglia were covering up or massaging data that disputed global warming, particularly, land surface temperature records, and the evidence of a period of warming temperature well before the industrial era, known as the medieval warm period. What had them upset was that the slight upward spike in surface temperatures over approximately two decades preceding 1998 has disappeared from the land surface records, and for the past approximately eight years there has been a cooling trend that has largely eliminated the previously alleged 0.6°C increase in the “global averaged temperature,” over the previous century.

Highly influential figures in Britain have denounced the exposed hoax, some in scathing terms. Lord Nigel Lawson of Blaby, Chancellor of the Exchequer for six years under the Thatcher government, called for a formal inquest, and announced the formation of a new climate advisory group. Lord Christopher Monckton, Britain’s leading spokesman against the global warming fraud, called leading figures at East Anglia “criminals” and “arrogant fraudsters,” and suggested they will soon be prosecuted for procurement of data destruction.

Yet, the far more serious crime, is that “global warming” is a fraud, whose real intent is to promote a genocide worse than Hitler’s. Since its first promotion in 1975, the claim has been that carbon dioxide (CO<sub>2</sub>) emissions from industry will warm the planet, melt the ice caps, and fry or drown us all. Therefore, human beings will have to do without. There never was scientific proof, and the argument went against all competent understanding of climate science—that it is the Sun and the variations of the Earth-Sun orbital relationship

ENVIRONMENT | 25.11.2009

**Hacker scandal sends ripples through climate-science community**



An e-mail hacking scandal at a British climate institute has set off shockwaves just ahead of key climate talks in Copenhagen. Skeptics say the mails show scientists have misrepresented climate data.

Those involved say warning - despite poorly worded e-mails

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The cows were desperate to be milked, the sheep to be sheared

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**Emails expose the global warming conspiracy**

**Opinion** The sky is not falling  
By **Stewart Meagher**  
Wednesday, 25 November 2009, 18:18

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**Climategate: the final nail in the coffin of 'Anthropogenic Global Warming'?**

By **James Delingpole** Politics    Last updated: November 20th, 2009

622 Comments    Comment on this article

If you own any shares in alternative energy companies I should start dumping them NOW. The conspiracy behind the Anthropogenic Global Warming myth (aka AGW; aka ManBearPig) has been suddenly, brutally

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*The publication of reams of e-mail messages, hacked from the University of East Anglia Climatic Research Unit computers, sent shock waves throughout the world, by providing the “smoking gun” evidence that global warming is a hoax. Here are few of thousands of headlines on the story.*

which are the principal determinants of climate variability.

The explicit intent in promoting the fraud and other anti-science hoaxes has been to halt the development of scientific and technological progress, to drastically reduce world population, perhaps to the level below 2 billion persons that the World Wildlife Fund’s Prince Philip has proposed as desirable.<sup>1</sup>

In fact, by the laws of human physical economy, no

1. Cf. Marjorie M. Hecht, “1975 Endangered Atmosphere Conference: Where the Global Warming Hoax Was Born,” *EIR*, June 8, 2007, pp. 50-55. ([http://www.larouchepub.com/eiw/public/2007/2007\\_20-29/2007-23/pdf/50-55\\_723.pdf](http://www.larouchepub.com/eiw/public/2007/2007_20-29/2007-23/pdf/50-55_723.pdf))

such planned reduction in global living standards is possible without unleashing a downward spiral of famine, pandemic disease, and social chaos of such a nature that its final outcome cannot be predicted by any human agency. Thus, the hoax of “global warming” is no mere question for academic debate, but rather a matter of the survival of the human species.

To prepare the citizen to combat this almost unthinkable evil, it is necessary that we go beyond mere refutation of the climate hoax, and understand more clearly the nature of the enemy.<sup>2</sup>

We concentrate here, rather, upon the essential points that are not widely understood. Most important, is that the environmental movement is an arm of a global financial empire dedicated to reducing world population, eliminating scientific progress, and increasing the control of a financial oligarchy. It is not acting in the interest of any single nation, but rather, against the sovereignty of all nations. The forces associated with the still-undead British Empire, or Anglo-Dutch financial empire, continue to play the principal role. The partnership of Britain’s Prince Philip with former Nazi Prince Bernhard of the Netherlands and sundry oligarchical forces of Europe, in such promotions as the World Wildlife Fund, is exemplary. Credulous people, such as those bred to be servants or slaves of a ruling oligarchy, are told they must not entertain such ideas as may appear to be “conspiracy” theories. Yet, who does not know that all historical movements, for good or ill, are the results of conspiracy?

2. Factual documentation against the climate hoax has become widely available. An instructive collection of articles may be found at: [http://www.21stcenturysciencetech.com/Global\\_Warming.html](http://www.21stcenturysciencetech.com/Global_Warming.html)

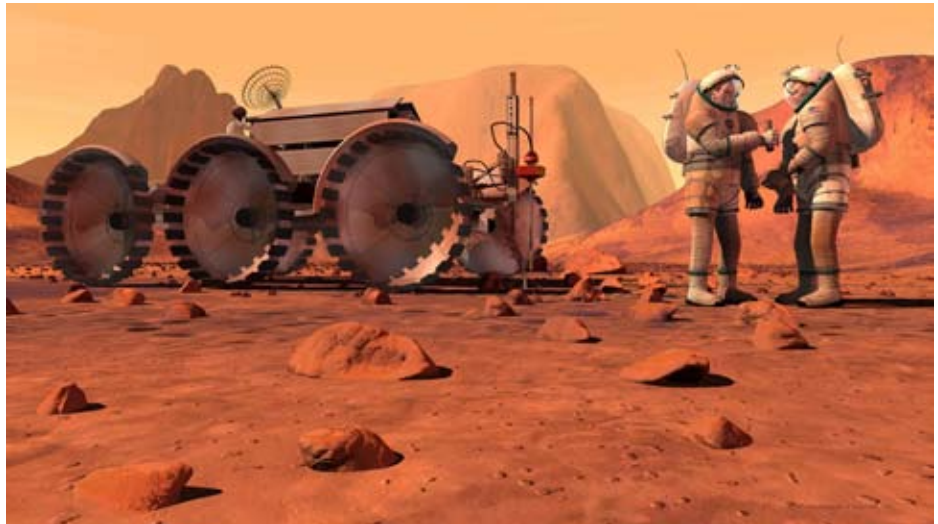
## The Environmentalist Record

To get an understanding of what is at play, begin with this simple historical fact: By the early 1960s, human society was poised for a breakout in the rate of physical economic progress. No technical obstacle stood in the way of combining already known agricultural and industrial technologies with the proven capability for generating high energy-flux density nuclear electricity and process heat, such that the entire world's population could be brought up to a modern standard of living, within a generation or slightly longer. Further, the United States was poised to

follow up its program for manned Lunar exploration with a plan for manned exploration of Mars. Plans for the development of nuclear and thermonuclear powered rockets capable of achieving constant 1g acceleration to power human travelers to Mars, a Moon industrial base, and Earth orbital way-stations were all in the works.

Suddenly, all that changed. We can look briefly at what happened in the United States, recognizing that a similar pattern played out in all the industrialized nations of the West. By the late 1960s, students from the leading U.S. universities had been transformed from supporters of technological progress into enraged opponents of science, and anything to do with its application, including blue-collar workers and farmers. By 1969, an organized anti-science movement had emerged under the banner of "ecology," which found public expression in the April 1970 Earth Day celebrations. (Margaret Mead, the organizer of the first conference to promote the global warming fraud at Research Triangle, N.C., in 1975, gave her endorsement to the 1978 Earth Day with the statement, "Earth Day is the first holy day which transcends all national borders." Mead never failed to appear in public without a forked witch's staff.)

Mass layoffs in the aerospace industry had already begun, as a result of measures taken under Presidents Johnson and Nixon to wind down the space program, a



NASA

*Fifty years ago, the United States had plans for development of nuclear and thermonuclear powered rockets capable of achieving constant 1g acceleration to power human travelers to Mars, a Moon industrial base, and Earth orbital way-stations.*

*Suddenly, all that changed. Shown here: an artist's rendering of a crew carrying out drilling on the surface of Mars.*

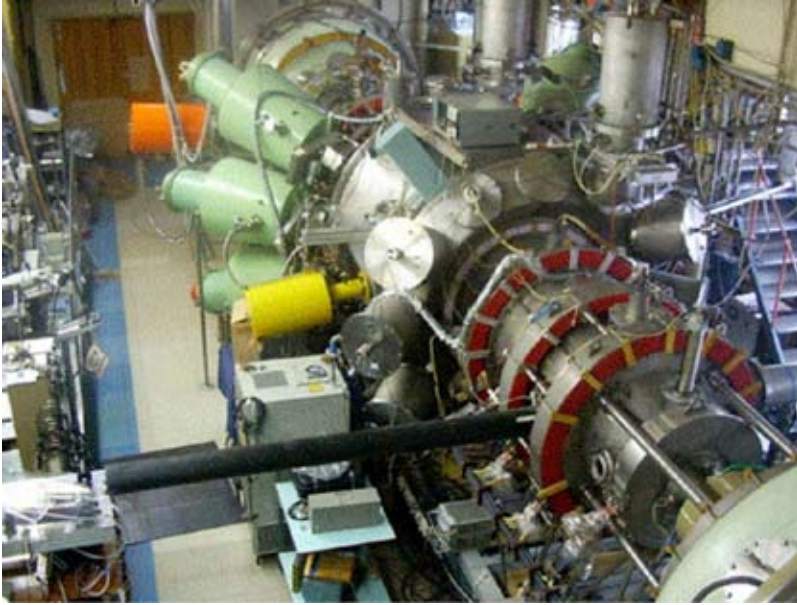
decision reached even before the first manned landing on the Moon.

By January 1971, DDT was under courtroom attack from the Environmental Defense Fund, and, a year later, Environmental Protection Agency administrator William Ruckelshaus, who had first opposed a DDT ban, banned it, stating afterwards, that the decision was made for political reasons. Months of scientific testimony had not produced any valid scientific argument against the widely used insecticide, which had saved millions of lives. The ban has cost the lives of tens of millions of residents in tropical countries, mostly children. Because of the chemical's unique excito-repellent effect, indoor spraying of DDT remains the most effective means to prevent malaria-carrying mosquitoes from infecting humans.

Next came the attack on the chemical industry. Then, the leveraging of an accident at the Three Mile Island nuclear power plant, arguably a case of sabotage, into a movement that successfully prevented the breaking of ground on a single new nuclear power plant installation in the United States, to this day.

And there was more: CFCs, asbestos, PCBs, food preservatives. Almost every invention of modern chemistry was declared to be dangerous to your health. If the atomic nucleus could have been banned from the human body it would have been. It is not out of the question that some court may yet try.





PPPL/T.C. Simonen

*Experiments during the 1980s on the axisymmetric tandem mirror device at Lawrence Livermore Laboratory (shown here), demonstrated that efficiencies up to 80% were possible in direct conversion of the energy of alpha particles and ions shot out the ends of this linear type of fusion device, using the standard deuterium/deuterium reaction.*

## What Is Needed?

Today, about 5 billion of the world's 6.7 billion people survive below an acceptable human living standard. The conditions for more than one-third of the human race are perpetual misery, disease, and hunger.

It is not yet too late to remedy that situation. The solution requires a mobilization of precisely those scientific resources that the anti-science movement has targeted. The problem we face today, as compared to 40 years ago, is that a larger population must be supported, with a depleted base of resources, both human scientific and material.

For example, it will take the construction of 6,000 nuclear power plants by 2050, just to meet the electricity generation requirements of a properly fed, clothed, and housed world population. The power equivalent of another 6,000 1-gigawatt plants will be needed to supply process heat to industry and mining. Railroads, roads, water and sewage systems, hospitals, schools, factories, etc., are needed now throughout the world. The depletion of the most easily available mineral resources means that new sources must be discovered and developed. How will such needs be met?

The greatest limitation to achieving such aims is not

any deficit in finite resources, but the lack of sufficient human creativity to solve the many challenges. The only remedy for such a situation is a rapid mobilization to increase our creative scientific capabilities. This is not a matter of merely opening up some schools. We have lost almost two generations of science, thanks to the environmentalist onslaught. When we look at the crucial areas of nuclear science and space, for example, we find that much of the genius, knowledge, and capability of an older generation has been lost without replacement. The biological sciences are increasingly mired in reductionist dogma, where they are not dominated outright by the green movement; and the Earth sciences have been increasingly taken over by the climate mafia.

## The Science of Culturing Science

The proven method for achieving a rapid rate of scientific progress is the mobilization of the creative powers of youth around the tasks that challenge the imagination and invite breakthroughs in thinking. Today, that challenge remains, as for a prior generation, the manned exploration of the Solar System.

The leading practical problems of space exploration are the achievement of a thermonuclear-powered rocket to provide a constant 1g acceleration for manned vehicles, and mastery of the Vernadskyan domain governing the relationship of life to the cosmos. The pursuit of those aims will prove the fastest route to solving the problems facing human development on Earth.

For example, the nuclear fission reaction can produce 1- to 10-million times the energy-flux density of chemical reactions, such as from burning of fossil fuels or hydrogen. Thermonuclear fusion can exceed that of fission by an order of magnitude, or more, and also provide other advantages. The most likely candidate for powering manned vehicles for planetary exploration is the neutronless helium-3/deuterium fusion reaction, utilizing the abundant helium-3 resource found on the Lunar surface. Mastering the means to directly convert the kinetic energy contained in the high-velocity proton produced by the reaction into electrical power, will

prove a boon to power generation on Earth or any fixed station.

Bypassing the need to first boil water to turn a turbine blade to rotate a generator will place power generation from thermonuclear sources on an entirely new footing. As Dr. Richard Post reported on 1980s experiments on the axisymmetric tandem mirror device at Lawrence Livermore Laboratory, efficiencies up to 80% were possible in direct conversion of the energy of alpha particles and ions shot out the ends of this linear type of fusion device, using the standard deuterium/deuterium reaction.<sup>3</sup> (Research on that reactor along with all other approaches to fusion, except the tokamak device, were scuttled in the 1980s, under budgetary pressure shaped by the environmentalists' Luddite onslaught.)

The million-degree temperatures produced by a fusion reactor can provide the heat to process raw rock, even garbage, into its constituent elements, magnetically separating the ionized gases of each element by a device known as the plasma torch. Laser and plasma isotope separation, techniques demonstrated in the 1970s, permit a new level of control over the Periodic Table for the use of man.

Space exploration also challenges our understanding of life and its relationship to the cosmos. The great challenge, to keep man alive in the space environment, as he travels at high velocity in an inertial gravitational field, and lands in a completely new environment of changed gravitational and magnetic field strengths, will prompt new discoveries. What is the relationship of cosmic radiation to life? Can life survive without a magnetic field or without the low-level radiation that is a constant companion on Earth? What is the significance of the electromagnetic spectrum in intercellular communication and development of an organism?

The alternatives for the future are: creative development of the human potential of the sort we outline here, or descent into a hell of depopulation, famine, disease, and the breakdown of human society. The details of the East Anglia e-mails are not the significant point. Defeating the genocidal intentions of the promoters of global warming is.

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3. See "Interview: Richard F. Post, A Fusion Pioneer Talks About Fusion and How To Get There," *21st Century Science & Technology*, Summer 2007, pp. 36-52. [http://www.21stcenturysciencetech.com/Articles\\_2009/Summer-2009/Post\\_interview.pdf](http://www.21stcenturysciencetech.com/Articles_2009/Summer-2009/Post_interview.pdf)

## 'Beast' Callahan: End Science, Exterminate the Aged

by Anton Chaitkin

He is a horrible spectacle.

Old Daniel Callahan has jumped into the health-care showdown with his mental trenchcoat wide open. It's all on display in his new book, *Taming the Beloved Beast: How Medical Technology Costs Are Destroying Our Health Care System*.

Callahan's self-exposure, as you'll read below, is particularly timely, coming as it does, in the immediate aftermath of the Obama Administration's "expert task-force" recommendation that virtually all cancer screening (especially mammograms) be drastically curtailed. To understand the source of that murderous advice, which would become a diktat, if the Obama Hitler health policy were to pass, you have to understand the Nazi mind of Daniel Callahan.

Callahan has been at it for 40 years, repeatedly putting himself before of the public, demanding that the elderly be killed by withdrawal of medical care, and that scientific progress be shut down.

Since he founded the Hastings Center in 1969, to continue the Hitler-era British movements of eugenics and euthanasia, Callahan, who is now 79 years old, has shaped a generation of "bioethicists" who like to see his sort of display.

Today, the Callahan clique is in power in the Obama Administration. They created the Obamacare legislation being fought over in Congress. They issued the government recommendations that people should die from cancer, rather than be screened. They are preparing to pull the plug on sick people in a pandemic.

Callahan is now nerving his cadres to kill without flinching, to plunge society into a Dark Age, dark enough that no one will see or interfere with evil.

Here are some of members of his clique, whom Callahan, the founder and president emeritus of the Hastings Center, is instructing with *Taming the Beast*:

**Ezekiel Emanuel**, leading health advisor to the

Obama Administration, chairs Bioethics at National Institutes of Health (NIH), and advises budget director Peter Orszag on how to cut medical costs.

**Marion Danis**, NIH Bioethics co-coordinator with Emanuel. (See below.)

**Christine Grady**, Hastings fellow and leader, and bioethics deputy to Emanuel.

**Carolyn Clancy**, director of the Agency for Healthcare Research and Quality (AHRQ). (See below.)

**Norman Daniels**, Hastings fellow, rationing advisor to the Centers for Disease Control (CDC).

**Robert A. Pearlman**, Hastings fellow, author of the pamphlet “Your Life, Your Choices,” which counsels veterans to accept an early death, which Obama authorized to be reissued through the Veterans Administration.

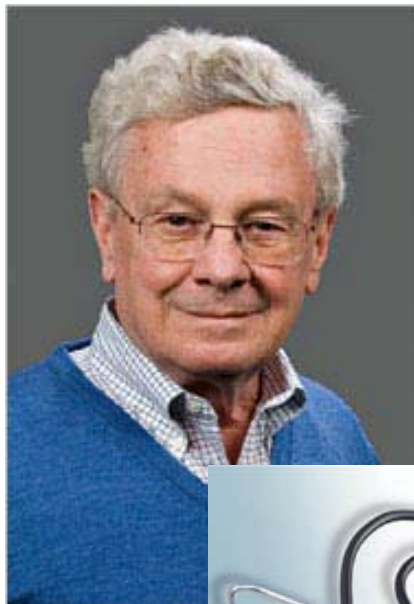
## The Callahan Track to Nazi Euthanasia

*Taming the Beloved Beast* was published in October 2009, following several months of popular revulsion and mass protest against the murderous Obama health-care program. Lyndon LaRouche’s identification of the program as a revival of Hitler’s euthanasia, and LaRouche’s application of the Hitler mustache to an Obama photograph, sparked the ensuing public uprising this past Summer.

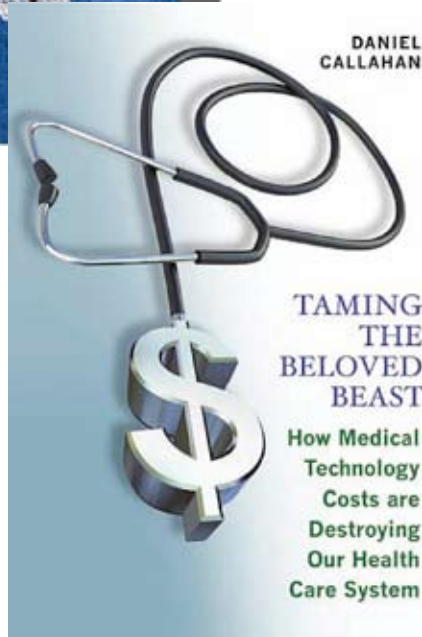
In *Beast*, Callahan refers to that revolt by the people with the pitchforks and torches:

“If not handled properly, cost control is a topic that can bring out ... ad hominem attacks. Any mention of cutting back expensive care for the elderly will invite the charge of ageism; ... mention of reducing the use of expensive life-saving technologies ... will add to that charge social euthanasia or murder.”

But this is also a personal matter for Callahan. On June 25, this reporter confronted him when he spoke at



*Daniel Callahan's beastly perversions are on full display in his book Taming the Beloved Beast, and lie behind the Obamacare program for murderous cuts in medical care for Americans.*



a public forum sponsored by Sen. John D. (Jay) Rockefeller IV’s group, Alliance for Health Reform.

The panel was asked for its “reaction to the unique family relationship of your chairman, Senator Rockefeller, to his father’s employee, your speaker Daniel Callahan. Jay’s grandfather paid for the German eugenics program that created Hitler’s euthanasia. Jay’s father set up the Population Council to fight alleged non-white overpopulation, merged the American

Eugenics Society into it, and hired Daniel Callahan to create the U.S. euthanasia group, the Hastings Center. Senator Rockefeller and President Obama now propose a Federal board to cut and ration health care, and the first to die would certainly be the poor and non-white. How would you defend yourselves before a new Nuremberg Tribunal?”

Callahan responded, “I am on record for many years in opposition to euthanasia and assisted suicide.”

Ezekiel Emanuel had lied similarly when confronted by this reporter two weeks earlier: “I ... have a very long record of writing against the legalization of euthanasia.”

Callahan and his followers explicitly promote withdrawal of medical care to kill off categories of costly or presumably useless people, which the victims would have no chance to prevent. This, they urge as an overriding government objective, in preference to the individual act of choosing suicide, which they argue would have limited cost-benefit.

The “beloved beast” in Callahan’s new book is life-saving medical technology. It must be subdued, he says, for the very reason that it saves costly lives; and because scientific advancements inspire an uppity American identity and the demand for progress.



## The Cultural Revolution

Read Callahan's published diatribe for his troops, and glimpse the anti-American, British philosophy behind Obamacare, behind the global warming hoax, and similar projects.

Here are excerpts from the *Beast* book:

"We have a culture addicted to the idea of unlimited progress and to the technological innovation that is its natural child. . . . This is an unsustainable value. There must be limits. American health care is radically American: individualistic, scientifically ambitious. . . . Changing those values within health care [will be] a cultural revolution dedicated to finding and implementing a new set of foundational values. . . .

"[It] is remarkable that global warming is now, finally, being taken seriously in the United States; and that there is a fresh push for serious health reform. In both cases . . . [we must have] fundamental alterations in our way of life. The drive for progress and constantly growing prosperity in the industrial order is behind the emergence of global warming; and an analogous drive has created the cost crisis in health care. . . . [The question is, should we] sacrifice some of the . . . benefits of science and technology, which have created the parallel dangers, or look to them for new initiatives to rescue us from the unwanted complications they have created.

"...The immediate aim would be to reduce acute care at the highest levels, . . . and . . . to discourage the development and improvement of medical technologies at those levels. screening methods . . . should decline. . . . Successful prevention policies will do no economic good if we continue to find clever technological ways to keep people alive when they finally get sick which they inevitably will. Another aim . . . will be to minimize the need for directly rationing care. That can best be done by not having technology readily available in the first place.

"...The only fully useful technology assessment agency would be . . . like the British National Institute for [Health and?] Clinical Excellence (NICE). . . . Technically, NICE only makes recommendations to the National Health Service, but . . . only sharp political outcries . . . can [really] derail them. That is the only kind of agency, I believe, worth fighting for. . . .

"The traditional doctor-patient relationship . . . [obstructing] good health policy, . . . many physicians [invoke] to justify practices at odds with the control of costs. . . .

"We must . . . stifle the [cry] of 'stifling technologi-

cal innovation.' Unrestrained . . . innovation *needs* to be stifled. . . . [emphasis in original].

"The idea that we might use age-based rationing to level the playing field [between the generations] was rejected out of hand from all quarters. I was beaten but not bowed for arguing that position.

"Liberals . . . are . . . reluctant to talk about rationing and limits. . . . They are not comfortable with the language of tragic choices, foreign to Enlightenment optimism.

"...Our whole health system is based on a witch's brew of sacrosanct doctor-patient autonomy . . . and a belief that, because life is of infinite value, it is morally obnoxious to put a price tag on it."

## Who Is Daniel Callahan?

In 1952, the U.S. branch of the United Kingdom's eugenics movement, the American Eugenics Society, moved into the offices of the Rockefeller family's newly formed Population Council. This joint Eugenics Society/Population Council paid Daniel Callahan "to examine ethical issues of population control."

Under this grant, Callahan founded the Hastings Center in 1969. He simultaneously went to work for the Population Council and became a permanent consultant to the Rockefeller family's population-reduction projects.

Callahan was on the board of directors of the American Eugenics Society (now renamed the Society for the Study of Social Biology), from 1987 to 1993.

As a Eugenics director, Callahan published his 1987 book, *Setting Limits: Medical Goals in an Aging Society*, identical in its criminal theme to this year's *Beast*. In it, he wrote:

"If the young are to flourish, then the old should step aside in an active way . . . [in a] withdrawal to prepare for death. . . . The acceptance of their aging and death would be a principal stimulus to do this. . . . Government cannot be expected to bear, without restraint, the growing social and economic costs of health care for the elderly. It must draw lines, because technological advances almost guarantee escalating and unlimited costs which cannot be met. . . . My purpose . . . is to develop a rationale for limiting health resources to the elderly. . . . Despite its widespread, almost universal rejection, I believe an age-based standard for the termination of life-extending treatment would be legitimate."

Globalist financier Peter G. Peterson also published a 1987 book, *On Borrowed Time*, on lines similar to

Callahan's. Peterson's polemic, that limited resources compel us to de-fund Social Security and medical care, is now the sole preoccupation of Obama budget director Orszag, Ezekiel Emanuel's boss.

### In a Rush To Kill

Four years ago, Callahan and his cadres assembled to write and edit a kind of manifesto, anticipating a chance to implement their own murderous policies after the end of the unpopular George W. Bush Administration.

The 2005 book, *Ethical Dimensions of Health Policy*, published by Britain's Oxford University Press, opens with a chapter written by Callahan himself. He avows that "health-care systems ... are facing steadily heavier economic pressures, forcing ... reforms that require (usually covert) rationing and other restrictions on health care." He demands that the idea of *curing* disease, especially in the elderly, "give way" to "palliative care" and the expectation of death. In the old system, "the chief culprit has been a bias in favor of cure, ... as the highest goal. ..." It is the greatest "mistake to allow individual benefit to remain the test of successful policy."

Callahan looked forward to victory in "a centralized governmental control of policy. That is, in a closed system." In a "society such as the United States, where there is ... no central authority, the explicit setting of goals is nearly impossible."

Ezekiel Emanuel wrote a chapter in the 2005 Callahan book, warning of potential public resistance, and advised how to deal with it. Cutting costs will require changing to a "population-based" system, he asserted. Emanuel derides "the dominant Hippocratic tradition of medicine," in which doctors have been "inculcated with the notion that their primary duty is to the patient for whom they are caring." If it is probable that a certain procedure would save fewer than a certain number of lives, or only keep someone alive for a certain time, these costly items should be taken away, he demanded. Since the backers of this reform are admittedly "leading managed-care organizations" and other "powerful supporters and financial forces," the public will be "suspi-

cious" that their "sacrifices" are made so others may profit. Precautions must be taken to "allay their suspicions and reassure them about the integrity of the decision-making process."

That 2005 book was edited by these three Callahan cadres:

**Marion Danis**, director of the NIH Bioethics Department's Section on Ethics and Health Policy. The CDC and individual states have adopted "in-case-of-pandemic" guidelines developed by Danis and Emanuel, for hospitals to kill categories of patients by refusal of or removal from medical treatment. Danis is president of the International Society on Priorities in Health Care, promoting rationing, and scheming how it may be implemented against the known public hatred of rationing—a British-based group founded by personnel of Prince Charles' King's Fund.



Ezekiel Emanuel

NIH

**Larry Churchill**, a Hastings fellow and bioethicist.

**Carolyn Clancy**, director of the Agency for Healthcare Research and Quality (AHRQ). She oversees the AHRQ's Preventive Services Task Force, which, in November, recommended that women stop having "costly" mammograms, while admitting this would lead to more deaths from breast cancer. This shocked many people into action against the administration's murderers. Clancy's Task Force has also called for cutting back screening for cervical cancer, prostate cancer, colon cancer, and skin cancer, with a terrible increase in deaths as the predictable result.

Like Callahan himself, his followers have recently had to face public exposure.

Clancy is a member Obama's Federal Coordinating Council on Comparative Effectiveness Research. She sat beside fellow member Ezekiel Emanuel June 10, when this reporter testified on the Nazi character of their policy. That confrontation has "gone viral" on the Internet.

Population ethics Prof. Norman Daniels, a Hastings fellow and eugenics apologist, also wrote a chapter in the 2005 Callahan gang's book, and helped Callahan write his 1987 tome on terminating the elderly.

Daniels displayed himself in the Callahan style, during a Nov. 23 teleconference of “ethics” advisors to the CDC on how to ration scarce mechanical ventilators in the event of a severe flu pandemic.

*EIR*’s Marcia Merry Baker challenged the panelists, and the resulting testy interchange was covered nationally.

According to ProPublica’s investigative reporter Sheri Fink, “Marcia Baker argued that the government should build for the peak of a severe pandemic rather than focusing on categorizing patients into what she referred to as polite terms for ‘lives not worthy to live.’

“Harvard University ethics professor Norman Daniels responded that he was very puzzled by Baker’s comments. It seems you’re suggesting we could purchase ventilators to meet any crisis, he said. I’d like to know whether you want to pay the taxes.

“Baker said, Yes, and not pay the bailout.

“Daniels countered. ‘You don’t want a functioning economy but you want all these ventilators?’”

Josh Gerstin reported in Politico (“CDC Ventilator Rationing Panel Rejects Attack”), that CDC panel members responded to suggestions that [they] would cavalierly snuff out the lives of those deemed unworthy.

“‘We don’t even have enough beds per thousand in a lot of parts of the country,’ Marcia Baker said [the policy was] akin to rationing in England [and she raised] parallels to the Third Reich. ‘It’s kind of Hitlerian’... Norman Daniels ... suggested it was simply unrealistic and probably not even wise to stockpile enough ventilators to serve everyone who might need one....”

Christopher Weaver, on National Public Radio’s health blog, quoted “Marcia Baker [who] called the panel’s efforts ‘Hitlerian,’” and briefly noted Daniels’ aggrieved reply.

Weaver reported that the interchange gave listeners a “taste of the potential outcry” building up over Obama rationing plans.

## **I Live, You Don’t**

That public outcry is intensifying. Daniel Callahan warns of “ad hominem attacks.”

But personally—he writes in *Beast* that he, as a well-to-do old man, continues to report to doctors for many, many expensive diagnostic tests. Callahan says that this situation is somewhat amusing.

He explains “that, no matter what the system, there will be no feasible way of stopping the affluent from buying whatever they want. If the basic package of health care is generally acceptable in taking care of the statistically most common needs over a lifetime with limits but, basically, economically solid, this unofficial additional tier [of us rich folk] may be politically acceptable. But not everyone will be happy.”

## **What Is the Preventive Services Task Force?**

*In November, the United States Preventive Services Task Force (USPSTF) recommended that women stop having “costly” mammograms, which, they admitted, would lead to more breast cancers. The same task force has called for ending screening for cervical cancer, prostate cancer, colon cancer, and skin cancer. A terrible increase in cancer and other deaths is the predictable result.*

*Here is the language of the relevant USPSTF summary recommendations:*

- The USPSTF concludes that the evidence is insufficient to recommend for or against the routine use of human papillomavirus (HPV) testing as a primary screening test for cervical cancer.”
- The USPSTF concludes that the current evidence is insufficient to assess the balance of benefits and harms of prostate cancer screening in men younger than age 75 years.
- The USPSTF concludes that the evidence is insufficient to assess the benefits and harms of computed tomographic [CT] colonography and fecal DNA testing as screening modalities for colorectal cancer.
- The USPSTF concludes that the current evidence is insufficient to assess the balance of benefits and harms of using a whole-body skin examination by a primary care clinician or patient skin self-examination for the early detection of cutaneous melanoma, basal cell cancer, or squamous cell skin cancer in the adult general population.



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## Fusion in Korea: Energy For the Next Generation

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*Dr. Gyung-Su Lee discusses his bold vision for the future, proceeding from the Korea Superconducting Tokamak Advanced Research (KSTAR reactor). Marsha Freeman and William Jones interviewed him in Daejeon.*

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In the early 1980s, the Princeton Plasma Physics Laboratory did pioneering work in nuclear fusion research with the construction of the Tokamak Fusion Test Reactor (TFTR), which made significant breakthroughs in the development of fusion power, until it was shut down in 1997. By 2002, the TFTR was disassembled and sent to the scrap heap, and no new fusion programs were brought on line to replace the TFTR. The only two superconducting tokamaks in the world today are in Korea and China.

Today, the engine of advanced scientific and technological development has shifted to Eurasia, toward those nations which Lyndon LaRouche has identified as the key partners for a reoriented United States, in a Four-Power alliance to establish a new world credit system. Those nations, China, Russia, and India, will form the core of this arrangement, to be quickly joined by other developed nations in Asia, such as Japan and Korea.

In 2007, the Republic of Korea completed construction of a tokamak fusion experimental reactor, the Korea Superconducting Tokamak Advanced Research (KSTAR), the newest in its class. It is one of only two such machines in the world using advanced superconducting magnets to confine the fusion plasma. In 2008, KSTAR created its first plasma. It is now preparing for

next Spring's campaign to, step-by-step, move toward the requirements of a future commercial fusion power plant.

On Oct. 9, 2009, *EIR* Technology Editor Marsha Freeman and Washington, D.C. Bureau Chief William Jones toured the National Fusion Research Institute, in Daejeon, Korea, the home of KSTAR.

Dr. Myeun Kwon, the director of the KSTAR Research Center, explained that one purpose of the facility is to train Korean specialists, who will contribute to the larger International Thermonuclear Experimental Reactor (ITER), now under construction in France. KSTAR has allowed Korean industry to manufacture high-technology components, such as those needed for fusion, and Korea will be supplying 20% of the superconductor for ITER's toroidal field magnets, a portion of the main vacuum vessel, part of the tritium storage and delivery system, and other hardware.

KSTAR will function as a satellite experimental fusion research facility, once ITER is operational. In addition to trainees from the ITER partner nations (U.S., Russia, Europe, Japan, China, and India), young professionals from Taiwan and Australia work on KSTAR, and Mexico and Brazil have expressed interest in participating.

Next October, Korea's National Fusion Research



NFRI

NFRI

*Dr. Gyung-Su Lee (above), president of Korea's National Fusion Research Institute (NFRI) explained to EIR that one objective of the KSTAR fusion program is "to have is a gathering of people, disciples, and followers; and with people, together with industry, you can solve any problem..." Shown: The KSTAR control room, in Daejeon, South Korea.*

Institute (NFRI) will host the 23rd Fusion Energy Conference, organized by the International Atomic Energy Agency (IAEA).

Following the tour of KSTAR, *EIR* sat down to talk with Dr. Gyung-Su Lee, president of NFRI and chairman of the International Fusion Research Council of the IAEA.

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## Interview: Dr. Gyung-Su Lee

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**EIR:** Today, you are going to be powering up the superconducting magnets of KSTAR. Can you review the history of the project, and its major goals?

**Lee:** KSTAR started construction at a greenfield site in January 1996. We planned to design, construct, and operate almost an ITER-like machine—smaller, but with most of the same features as ITER. At that time, Korea was not a part of the ITER family, because we didn't have anything to show in fusion... [Fusion is needed] due to the energy crisis, and now climate change trouble to come. Whether you believe it or not, it doesn't matter, because climate change is threatening, politically or technically. We started the design of KSTAR in

collaboration with many experienced partners, such as the United States, Japan, Europe, and so on.

But then, in late 1997, the famous IMF economic crisis in Asia exploded. . . . The government did not have much money, and they almost cancelled the KSTAR project, because many people talked about how many years you need to complete research on fusion, and the government of the Republic of Korea was on the brink of bankruptcy. Fortunately, they decided not to cancel it, but to put it on hold. That meant that the budget was just sustainable, people were paid, but there was not really any progress.

That lasted through 1998, 1999, and 2000. . . . But then the economy rebounded and was booming again, and we started machine construction with the final design in 2001. We completed the hardware in 2007.

The most critical part is that we constructed the machine. But then, whether it will operate as you expect, is a different thing. Not many people trusted or believed that we could do it, because it is so complicated, very high technology, and the risk is very big. We started the commissioning of the machine at the end of 2007, and in 2008 we started checking everything. The main event started in March of 2008.

## Creation of a Plasma

We cooled down the superconducting magnets in a vacuum, [using liquid helium], which is 10 to the  $-8$  millibar, or 10 to the  $-11$  atmospheres, because 1,000 millibars is one atmospheric pressure. The vacuum evacuation was successful. [The superconducting magnet] cooled down from room temperature to  $4.5^\circ$  Kelvin, or  $-269^\circ\text{C}$ . Even the Large Hadron Collider at CERN in Europe failed last year, with a helium [coolant] leak. When things are cooling down, they get squeezed. And lots of things are squeezing in different directions, although at normal room temperature, it is okay.

**EIR:** When you say the superconducting magnet material gets “squeezed,” do you mean it shrinks, or that it twists?

**Lee:** Both: It shrinks and twists. Because it has to be anchored somewhere, so as it shrinks, there is a force, so it twists. Even though we did all the analysis of the design, you cannot be sure this is completely safe, even though inside the vacuum vessel cryostat [which maintains cryogenic temperature], each component is tested. But *in situ* welding is used for assembly, and there are 8,600 points of welding inside. These all have to pass quality assurance. But helium is famous for leaks. It is the worst leaking material.

We did all the welding and tested it at room temperature, but you never know about leaks until you cool down [the magnets]. Because let's suppose this tube is at room temperature, and it has no leak. You check and there is nothing.

But another tube can have very, very minor leakage, which is undetectable. The machine can operate like that, at room temperature, with no problem, with a small leak. But when you cool down, the small leak becomes big, and helium comes out, and you cannot operate. You have to detect this and correct it.

But in order to do that, you have to warm it up so people can get at it, and then the leak closes, so you cannot detect it! Then you operate it again, and it happens again! This is a famous problem of a superconducting machine. No machine yet has proven that this did not initially happen—Japan, Europe—they all had the same problem. The helium leak in the Large Hadron Collider generated an arc which had to be repaired before operation.

So, a leak was the expectation, because Korea was not experienced. I don't know why, but at some point,

around  $70^\circ\text{K}$ , the shrinkage of normal material stops. This is physics. If you pass through 70, and go below that, it is easy, because there is no more shrinkage. The temperature of the magnet is going down from 300K all the way to 70K, a little more every day; it is slowly going down.

The first time you run the machine, you are slowly going down. Every time you do this, you watch the gas analyzer, looking for helium inside the cryostat, because, normally, there is no helium in this environment. But, if there is a helium leak, you'll see it. Every night, I call up the laboratory, and ask [someone] to tell me what the reading is of the helium. And he says, “not visible yet.” [We check] every day; 24 hours a day. Then, when we passed through the  $70^\circ$  level, nothing happened.

**EIR:** So you had no helium leak?

**Lee:** No helium leak. Zero. And it operated without a leak the first time, after a four-month countdown. That was last year. That's why BBC television and *Science* magazine came and did a story about KSTAR.

The reason why we are so proud of it, is not just because it is the Fusion Research Institute's achievement; rather, this is an achievement of the Institute together with Korean industry, in quality assurance of the hardware and manufacture. So this was a demonstration last year of the machine's construction, and it was commissioned.

Now, we have to produce something, right? With this beautiful facility that we built, we started research on machine performance and plasma confinement, to see if we can really push this research to better and better [plasma] confinement, [to meet] the requirement of fusion energy, so fusion becomes commercially demonstrated. So that was the next phase.

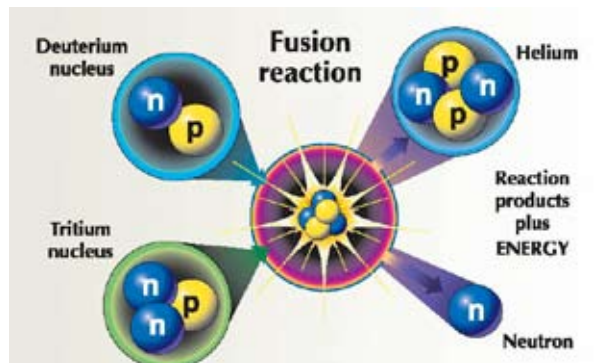
This year, we are cooling down [the magnets] again with no problem. Next, we will put more current in so the [magnetic] field strength will meet the design requirement. Within this week or next week, we will finish all the design checks. The performance requirements of the magnets and of all the active components will be checked. Then the plasma formation and heating starts. That is the issue for this year's campaign.

**EIR:** What do you plan for next year?

**Lee:** Next year, in early Spring, we will put in lots of heating so the plasma gets very hot. We will then



## The Fusion Process



Source: LLNL

A fusion reaction takes place when two isotopes of hydrogen, deuterium and tritium, are combined to form a larger atom, releasing energy in the process. The products are energetic helium-4 ( $He-4$ ), the common isotope of helium (which is also called an alpha particle), and a more highly energetic free neutron ( $n$ ). The helium nucleus carries one-fifth of the total energy released, and the neutron carries the remaining four-fifths.

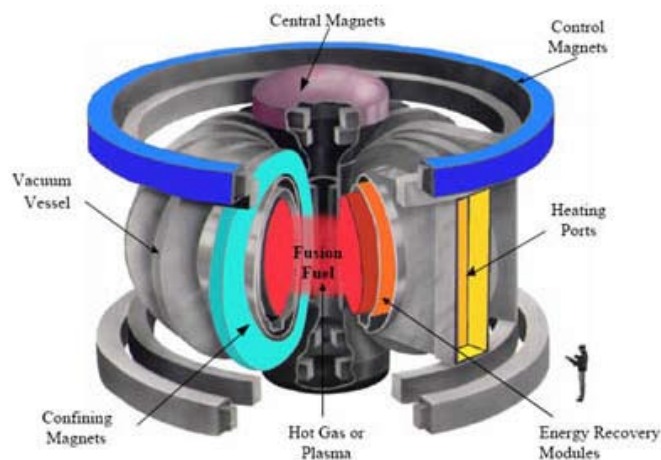
Fusion fuels the Sun and stars, but in the laboratory, atoms must be heated to at least 100 million degrees under sufficient pressure, to produce fusion. Other light elements can also be fused.

(N.B.: Dr. Lee describes the work of KSTAR next year, using deuterium-deuterium plasma, not the deuterium-tritium fusion described here).

supply deuterium fuel. At the present time, we are using hydrogen, because it has no activity, no fusion. It can be fused in the Sun, but rarely, so we are not producing any fusion energy, just a plasma. We are still using the machine for configuration and studying control, so we don't need to have real fusion happening. But early next year, we will supply deuterium, a heavy isotope of hydrogen, and this will fuse. Deuterium-deuterium [fusion] is easier to handle than fusion with tritium, so we will start with deuterium-deuterium fusion.

This reaction generates neutrons. Nuclear fusion happens, and we measure the neutrons coming out and how much power is produced. So we are trying to put lots of heat [into the plasma], and keep it very high for a long time. Because of the superconducting magnet, we can hold the plasma much longer than normal magnets, such as used in the TFTR and JET [Joint European Torus]. This one is basically the same as the magnet for ITER—a niobium-tin magnet—so we will carry out experiments on how long we can keep this

## Magnetic Confinement Fusion in a Tokamak



In the tokamak, the fusion plasma is contained using a strong magnetic field created by the combination of toroidal and poloidal magnetic fields (the first refers to the long way round the torus, and the other, the short way). The resulting magnetic field forces the fusion particles to take spiral paths around the field lines. This prevents them from hitting the walls of the reactor vessel, which would cool the plasma and inhibit the reaction.

fusion beam controllable and producing neutrons. This will continue until ITER is on line. This is what we are doing.

### Moving to Commercial Fusion

**EIR:** What were your reasons for building KSTAR?

**Lee:** When we started KSTAR, the United States, Europe, Japan, and Russia had been doing fusion research for a long time, and had spent a lot of money and used a lot of people, and were trying to build ITER. In 1991, when I came [back to Korea] from the United States, this whole place was rice paddies. Can you believe that? Rice paddies. Nothing here. So we started. When we started, many people could not believe us. They were skeptical, at first: "This guy is crazy." It is very understandable. We aimed very high, to do what ITER is supposed to do, but on a smaller scale. Then we trained our engineers, and trained with our industry and factory, together.

So, when ITER expanded its family, and accepted us, in 2003-04, Korea jumped in, with a *real* capacity to [help] build ITER. ITER is now under construction,



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*Dr. Myeun Kwon, director of the KSTAR Research Center (left, with EIR's Marsha Freeman and William Jones), explained that one purpose of the facility is to train Korean specialists, who will contribute to the larger International Thermonuclear Experimental Reactor (ITER), now under construction in France.*

and you need ten years to construct it. During those ten years, engineers and construction [workers] have lots of headaches, and lots of work to do. But during these ten years, scientists who want to do experiments and research, have no machine. Machines that you want to play with you have already played with for 20 or 30 years. But new machines—there are none.

So, we built KSTAR. First, we proved that we can be a worthwhile partner for ITER. Then, during the ten years of construction of ITER, we would provide this machine to the ITER family. Young scientists can prepare for ten years with this machine. So for ten years you play, work, do research. Then, once ITER operates, these people move to ITER, and ITER is no longer a “new” machine, because they have all this experience. You don’t need to repeat using trial and error, so they can do much better, and exploit the machine very easily, in a short time. This is the reason why we built KSTAR.

**EIR:** And you see this as one step on the path to one day having a commercial fusion reactor?

**Lee:** Sure. They need to put in the money to [develop it] commercially. With government money alone, we are not going to make it. Because the government decides very poorly; sometimes it says, “Bye, bye,” and sometimes it comes in again. And today we have lots of trouble in the economy so, [people may say], “How about delaying it five more years?” In this way, fusion progress will be slow. This is how it has happened for 45-50 years....

**EIR:** I have a quote from you that was in the *Korea Times* two years ago, in which you said: “Should the world accelerate spending on nuclear fusion, its commercial launch will be possible in about 15 years.”

**Lee:** ... Fusion, if you don’t need it, never comes. If you need it, you just need the willingness of human beings working together, and resources and leadership,

I believe, not for the commercialization of fusion in the whole world, but the initial demonstration of fusion power on the grid. That is possible within the years 2030-40. . . .

This can be seen in Korea. It is a resource-poor country. And on green grass, and with just a few people, we built KSTAR. So why not Japan, why not the U.S., why not Europe, with science and an economy hundreds-fold bigger, and so many people—why not? We rocketed to the Moon in ten years. With this kind of resolution and passion we can do that. But without it, just pushing poor scientists, with no power; criticizing; giving them just a few dollars, forget it. We have technology and we have people. If we put them together, we can do that. Of course, it's not easy, but it's possible, for sure. We demonstrated it.

So I believe, as you quoted me, that *definitely* I can do that. Seriously. You can quote me.

**EIR:** The question is, how quickly can we convince the governments of the world to do it? Today, many of them are foolishly building solar panels, and not funding fusion.

**Lee:** We have to do all of this. But this is not sufficient. When you have cancer in your stomach, you drink medicine every day to make you feel better. We are facing a big problem, but what they do is drink some pain killer. We have to do it because until we really solve the problem, we have to take a pain killer, of course. But a painkiller alone cannot remove this cancer.

All of these ideas, I give to my students in my lectures, and even go to the young students in Kindergarten through grade 12, and I tell them: Jesus Christ came 2,000 years ago, and look at [the changes in] 2,000 years. The history of the human race is short, but look forward to 2,000 years more. We know this is a short time, but if you try to extend our lifestyle 2,000 years more, what solutions do you have? What imagination do you have to sustain human behavior and the quality of life we are enjoying? How will this problem be solved? This is very important. I am not negative on nuclear; I am very positive on nuclear, because without it we will have to cut out everything, now. . . .

**EIR:** What is so impressive about Korea is how quickly the country moved from where it was 50 years ago, to where you can now export nuclear reactors. Also, in space and in fusion, you took advantage of

what had been developed around the world, and now your country is at the frontier of nuclear, fusion, and space.

**Lee:** I think it is an important lesson of a small country. . . .

## The Challenges Ahead

**EIR:** What are some of the challenges you see?

**Lee:** All of our energy, besides small hydro or biomass, we import. So this is a risk, with the fluctuation of the oil price, from \$100 to \$30, and all the politics. In this environment, we have to exploit our human capital. It is the only way, intensively thinking and working, and that's how we did it in the past 40 years. If we keep this intensity, then, even as a small country, we can prolong our growth and be a better country. But we are still at a crossroads.

**EIR:** Korea is becoming an important factor in new technology and economic growth in Asia. You have a lot of very big neighbors, who are also very active in fusion, and in space. . . .

**Lee:** Also, army! Our neighbors are—Japan is a good friend; Russia, China, Mongolia, a very good friend in America. They are strong and we are small. . . .

**EIR:** We know that you studied in the United States. It has been a long, hard battle, to make progress in fusion research in the U.S.

**Lee:** Initially I studied at the University of Chicago. I worked for Marshall Rosenbluth, at the Institute of Advanced Study. Then, I worked with him at the University of Texas, when he moved there, doing theoretical work. Then I moved to Oak Ridge National Laboratory in machine design. At the time, Oak Ridge built the Advanced Toroidal Facility, the stellerator, a very complicated machine. Then I relocated to MIT, and I worked at the fusion center. I spent 12 years in the United States.

**EIR:** That was when we had a fusion program!

**Lee:** Yes, they had boosted the fusion program. But suddenly the oil price went down, and will power went down.

**EIR:** And stupidity goes up. It's an inverse relationship.

We began publishing *Fusion* magazine in the 1970s,



and helped Congressman Mike McCormack get a bill through Congress in 1980 for a Manhattan-style crash fusion program. But this was never implemented, which led to drastic cuts in funding, and stagnation in much of the U.S. fusion program.

**Lee:** That was because of a miscalculation. The solution is the human being. That is key. The United States invested billions of dollars in fusion and built PLT [Princeton Large Torus experiment], and so on. Look at that [investment] now. What is the value of this? It has minus value now.... Where did this value go? Into people.

Machines can stay around for 30, 40, 50, 60 years, but a human being goes 60-something years; he can continue, but he decays physiologically. This is not something you can avoid. And some day, you go. But if the human time created by this machine has value, it is much bigger than the investment of the hundred million dollars in hardware. That's how science wins. You invest one hundred million here, but people's knowledge has a value of 500 million, or a billion.

But this guy disappears, he dies. Then this knowledge in the brain and the heart disappears. Then, how do you continue it? You transfer [knowledge]. This is how you teach. But to do this, you have to build continuously, for people to be able to teach.

### **The Importance of Human Capital**

**EIR:** And you lose this transfer of knowledge, when the programs start and stop?

**Lee:** You are not attracting new people. They look at it, and say, "it's unstable." Good people come in, but there are lots of other good job opportunities. So this is the normal sequence of destroying this program. This was my "lesson learned," because I was watching, just as an interested party, all this history, and not just in the United States. So in order to build KSTAR, we had to have a very compact scenario of people teaching. That's why we start with young people.

At the time I started [fusion research] in Korea, when I was hired, I was 35 years old—and I was the oldest member. I was very realistic: I have only 30 years to go, I recognized. Even though I would survive longer, my scientific education tells me the mean value of your effectiveness is, at best, 30. So you have 30 years.

We needed engineers to build KSTAR over ten years. I had students who finished PhDs and Masters

degrees. I had all young people in their early 20s. We worked together to build KSTAR. Now, they are in their early 40s and late 30s, and they already have full experience in machine building, with KSTAR.

They will have to work harder with ITER; literally, harder. So here they are learning ITER construction. And along the way you are hiring scientists, in their late 20s and early 30s, to operate the machine.

There are two tiers: one is engineers now in their late 30s, who did the KSTAR construction, and the younger people come along as their disciples. When the construction of ITER is finished, [the first tier] will be in their late 40s, early 50s, and the younger guys will be in their late 30s. The first group were the leaders. This system can generate [successive generations], and history tells me it's possible. We may not be so successful, but this is why we built this kind of tiered scheme: recognizing the importance of the human capital, not the money. If it is successful, then what we want to have is a gathering of people, disciples, and followers, and with people, together with industry, you can solve any problem....

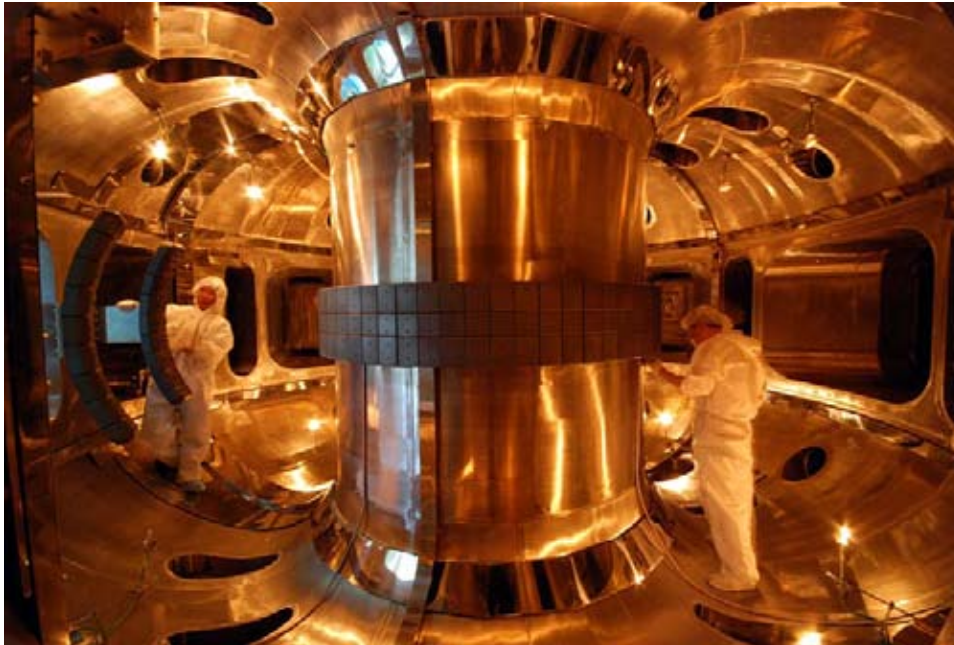
**EIR:** That was the lesson of the space program in the United States. What we built was not a rocket, but a capability, and we could have done anything after Apollo. But we destroyed that.

**Lee:** And also, this happened in the fusion program. Smarter people always have high mobility, and can be successful in anything....

**EIR:** Then people complain that nothing is being accomplished. They say, "all of this money was spent on fusion research, but we still don't have it."

**Lee:** Money is always being spent, because you hire people, but they do nothing, just maintain [the facility]. Spending \$100 million per year is easy, just to pay them. Multiply that over 20 years. Now there is \$2 billion gone, and then they claim, that after \$2 billion, nothing happens. This is a dishonest, political statement.

But if you had built the machine, and put it together in a package, and had done exciting research, giving people the money, in less time, you would have already met all of the requirements for fusion. If you look at the energy produced from fusion [experiments] over 30 years, it is an exponential curve. But certainly, after TFTR, nothing happened. They say, over 30 years,



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*Dr. Lee compared Korea today, to the U.S. consumer society, in which “people want to be safe ... and make money.” But, he said, “they have to figure out what they want to commit their lives to. If you ask about fusion, why am I, myself, here?... What kind of incentive do you have in daily life to work with this intensity, for so many long years? You have to understand what is at stake, and what you’re committing to. Otherwise, this will never happen.” Shown: the KSTAR tokamak, under construction, June 2007.*

nothing happened. But what they intentionally overlook is that they put nothing in over 30 years; they just waited. This is unfair. So if you want to kill it, kill it, so people can do something better with their lives. But if somebody wants to do it, do it with intensity. I hate the delay approach, not because money is spent, and wasted, and the total costs rise, but most importantly, because of the human waste.

Let’s say that ITER is built over 20 years, rather than 10 years. Then the people you hired are working and are paid an enormous amount, but this is a relatively small price, since they each waste ten years of their lives. They could complete it 10 years but it is extended to 20 years, so half the total human capital involved is lost.

### Understanding What’s at Stake

**EIR:** In the space program, you lost a whole generation of people, because there were 20 years without bringing in new people or building new vehicles. So today you have people in their 20s and 30s, and then in their late 50s and 60s in the space program.

**Lee:** And the new people never build anything; they just play with the automatic CAD [Computer Assisted Design] program, and create beautiful pictures.

**EIR:** There was also a cultural degeneration in the U.S. from the mid-1960s. The shift was away from the belief in progress, with the hippie phenomena and the Baby Boomers. Instead of advancement in science and technology, and increases in productivity and infrastructure, we became a consumer society.

**Lee:** In Korea, it was the same thing. We are now more or less prosperous, compared to the old days. These people want to be safe, easy-going, and make money; the same behavior. We have to tell

them, not just lecture them, but they have to figure out what they want to commit their lives to. If you ask about fusion, why am I, myself, here? Because I can do other things, too. But I do this, which so many people criticize, so many people don’t understand. What kind of incentive do you have in daily life to work with this intensity, for so many long years? You have to understand what is at stake, and what you’re committing to. Otherwise, this will never happen.

People with vision and intensity always try to see something that normal people don’t see. Sometimes if you see it, and you believe, people believe you are crazy, because they don’t see it. Then one day, there is a storm gathering, and they all see it, and they complain: “Why didn’t you tell me? You are a scientist. You must have known this many years ago!”

So we have to tell them the choices. This is how we make progress. As human beings, we all have different interests and different ideas and they are honest, and all of them believe they are correct. So we cannot lecture, but communicate, and steer in the right direction, so they see the storm...

# British Oligarchy Targets The Four Powers

by Jeffrey Steinberg

Nov. 30—The City of London-centered financial oligarchy has responded in fury at the recent breakthrough developments in what Lyndon LaRouche has called the Four Powers—the potential alliance of the United States, Russia, China and India, to replace the present, hopelessly bankrupt system of monetarist globalization under private central bank dictatorship, with a credit system. Such a new system, based on the revival of sovereign nation-states, would be guided by the Hamiltonian economics of the American System of political economy, not British free trade and globalization.

The most telling evidence of the London freakout was the bombing, on the night of Nov. 27, of the luxury Nevsky Express train, traveling between Moscow and St. Petersburg, which killed at least 30 people, and injured at least 100 others. Both Russian Railways president Vladimir Yakunin, and the head of the Russian Federal Security Service (FSB), Alexander Bortnikov, confirmed on Nov. 28, that the train derailment was caused by a bomb.

The targeting was precise. The current Moscow-St. Petersburg express trains are scheduled to be replaced on Dec. 18 by Russia's first high-speed train, which will use the Sapsan, designed by Russian and German engineers at Siemens. Yakunin discussed the technology with visiting U.S. Transport Secretary Ray LaHood in Moscow Nov. 20.

The Nevsky train bombing not only killed several prominent Russian government officials, including the

head of the national highway corporation, but a second bomb, which failed to fully detonate, was activated on Nov. 28, as rescuers, including prominent Russian security and rail officials, were on the scene, supervising the rescue effort and the criminal investigation. Among those on the scene was Russian Railway chief Yakunin, one of the inner circle of Kremlin policymakers, who, along with President Dmitri Medvedev and Prime Minister Vladimir Putin, have engineered a dramatic shift in Russian policy.

The shift, away from raw materials export, in favor of a new emphasis on scientific and technological innovation and large-scale infrastructure projects, was at the center of recent Russia-China agreements, to launch a vast program of development of the Russian Far East, an area rich in raw material reserves, but requiring massive high-tech capital investment. This long-term commitment of Russia and China to work together, to develop this Northeast Asia region—consolidated in Putin and Yakunin's mid-October Beijing visit—is exactly what London is desperate to sabotage, by whatever means are required.

## Behind the Nevsky Train Bombing

Lyndon LaRouche immediately sized up the Moscow-to-St. Petersburg train attack as a London-directed strategic move against the Russia-China core of his own Four Powers strategy. At this moment of total disintegration of the present world monetary and finan-



cial system, it is only such a Four Powers concert that can defeat the London-centered financier oligarchy and avert an otherwise certain plunge into a global Dark Age, in which 80% of the world's population could be wiped out.

LaRouche was not the only voice pointing to a larger geopolitical motive for the attack on the Nevsky Express. The day after the bombing, Alexander Nagorny, deputy editor of the popular newspaper *Zavtra*, told *Russia Today* that the terrorists were not Muslim extremists, but other forces hostile to the government of Prime Minister Putin as a whole.

Nagorny said that if the terrorists had been jihadists, "then the Muslim extremists would declare it in some way, in some letter or some statement, because they are interested in creating some kind of national tension between Muslim and non-Muslim parts of the Russian population. That is why I think there are different forces, but the forces which are interested in destabilizing the political situation in Russia, and first and foremost in ousting Prime Minister Putin and the so-called *siloviki* from the political paradigm of present Russia." (*Siloviki* is a slang term for members of Russia's defense, security, and law enforcement agencies.)

On Oct. 21, *Zavtra* had prominently published Nagorny's interview with Lyndon LaRouche, conducted during the World Economic Forum—Dialogue of Civilizations, at Rhodes, Greece, which LaRouche had addressed.

Since the policy shift in Russia, demonstrated by the China agreements, President Medvedev has repeatedly emphasized the importance of development of transport infrastructure to rebuild the Russian economy. He did so most recently at a State Council Presidium meeting on transport held in the Ulyanovsk Region Nov. 24, where he inaugurated an important new bridge over the Volga River, together with the President of Azerbaijan, Ilham Aliyev. This bridge is a key link in the transport corridor connecting European Russia with the Urals, Siberia, and the Russian Far East. At the meeting, Yakunin announced that Russian Railways will issue 40 billion roubles (\$1.39 billion) of state-backed infrastructure bonds in the coming year.

Investing in the transport sector, Medvedev told the meeting, is one of the most effective remedies for the crisis, and this is borne out by other countries' experience in various situations, including economic depression periods—an obvious reference to the late Ameri-

can President Franklin Delano Roosevelt. Russia must, Medvedev said, establish research and education centers for innovative transport development at the leading universities and scientific research institutes.

### 'The Economist' Speaks

As if to fully corroborate the accusations of LaRouche and leading Russian analysts, *The Economist*, the voice of the City of London's financier oligarchy, published an attack on President Medvedev and Prime Minister Putin, just hours before the train bombing. Under the cynical headline, "Dmitry Medvedev's building project," *The Economist* expressed quiet hysteria at the prospect that Russia's dramatic policy change could catalyze a power bloc to defeat London's drive for a new dark age.

"'Stability' was once the buzzword in Russia; now it is 'modernization.' In reality," *The Economist* raged, "there is little of either. Russia's future is less predictable and modernisation more elusive than either was a decade ago. Yet the shift in language creates expectations of change. And in recent months, President Dmitry Medvedev has been talking and writing of little else.... His diagnosis is relentless: a primitive, commodity-based economy that cannot create prosperity; the lack of reforms; and all-pervasive corruption. And his vision of the future is charged with excitement: a Russia bursting with nanotechnology and nuclear-powered spaceships. Yet ultimately his recipe for change is implausible.... Indeed, there is perceived to be a growing gap between Mr Medvedev's words and reality."

Ultimately, *The Economist* charged that Medvedev's greatest crime is his partnership with Putin, whom London despises for his efforts to restore Russia's position as a world power. They also note, with alarm, the growing prospects of U.S.-Russia collaboration.

As LaRouche notes, in a signed editorial in this issue of *EIR*, the train bombings coincide with a virtual declaration of war by the British oligarchy against the United States. None other than Queen Elizabeth II, herself, used the occasion of the 60th anniversary meeting of the Commonwealth Heads of State, in Trinidad and Tobago Nov. 27-29, to declare that it was time for Britain, in the name of the Commonwealth, to reclaim global power.

With this arrogant, berserker policy coming out of London, it will take LaRouche's Four Powers alliance to put the Queen and her minions in their proper place—somewhere inside the London Zoo.

# Key to India-Russia Relations: Development of Thorium Reactors

by Ramtanu Maitra

In early December, Indian Prime Minister Manmohan Singh, fresh from his recent trip to Washington, will be in Moscow for a two-day visit to hold talks with Russian President Dmitri Medvedev and Prime Minister Vladimir Putin, among others, to strengthen India-Russia cooperation. The key area of discussion should be a bilateral effort to accelerate commercialization of thorium-fuelled reactors—an area of scientific and technological work where both countries have invested wisely and have met with substantial success.

The India-Russia talks take place in the context of the emerging alliance among the three great Eurasian powers—India, Russia, and China—and follow breakthrough agreements between China and Russia to develop Russia's Far East (see last week's *EIR*). The developments are in line with Lyndon LaRouche's proposal for a Four-Power combination, including the United States, to bring the world out of the current crisis.

When the Indian Prime Minister began his second term this year, he announced that he will focus on development of rural India, with special emphasis on building a strong physical infrastructure. India has a massive shortage of both power and water. The prime challenge of the Manmohan Singh government will be to develop both of these, along with quality education and health care for all Indians. In meeting the challenge of water and power shortages, India will have to lean heavily on nuclear power reactors of small and medium size. Power generated by these reactors can be consumed locally, by a village, or a cluster of villages, improving the living condition of the rural people.

## **Nuclear for Power and Water**

In addition, the heat generated by these small reactors can be utilized efficiently by producing potable water through flash desalination. The technology has

already been developed by the Indian nuclear scientists based in the Bhabha Atomic Research Center (BARC) in Trombay. India's vast peninsular coast is desperately short of water, and installing hundreds of small thermal reactors generating 50 MW, or less, of electrical power could desalinate billions of gallons of seawater and make it potable. There is no doubt that, with the help of Russian and Indian scientific and technological capabilities that have been developed over recent decades, this goal can be reached within a few years.

Prime Minister Singh has recognized this potential of nuclear reactors. Last September, he told the International Conference on Peaceful Uses of Atomic Energy in New Delhi, "We have built a nuclear desalination plant at Kalpakkam and are working on the use of isotope hydrology techniques for rejuvenation of springs, which is an important source of drinking water. I see a growing role for nuclear energy in these areas in the coming decades."

India-Russia cooperation in science and technology has, so far, remained centered around high-tech armaments and the Russian contribution to India's space program. For instance, since 1991, Russia was supplying the cryogenic engines to power India's Geosynchronous Satellite Launch Vehicles (GSLVs) that have placed satellites in geostationary transfer orbit. Although Russia could not transfer critical cryogenic technologies to India due to international opposition, the Russia-supplied engines helped the Indian Space Research Organization (ISRO) to put a number of satellites in orbit. Now, however, India has developed the technology. Last December, ISRO had successfully conducted the flight acceptance hot test of the indigenous cryogenic engine at its Liquid Propulsion Systems Centre at Mahendragiri. The first indigenous cryogenic engine will be used in the GSLV rocket that is slated to



Government of India/B.M. Meena

*Russia and India have worked to enhance scientific and technological collaboration over the years. In early November, Russian Deputy Prime Minister Sergei Sobyenin visited India, where he met with Prime Minister Manmohan Singh in advance of the Indian Premier's upcoming visit to Russia. The two are shown here in New Delhi on Nov. 9.*

put the experimental communication satellite GSAT-4 in the orbit. The launch will take place in December 2009.

### **India-Russia Technological Cooperation**

In addition, New Delhi and Moscow have jointly developed the BrahMos cruise missile. The supersonic missile—which derives its name from India's Brahmaputra and Russia's Moscow rivers—has a range of almost 300 km, and is designed for use with land, sea, and aerial platforms. BrahMos is based on the earlier Russian design for the SS-N-26 (3M55 Oniks) cruise missile. The Indian Air Force is reportedly considering the possibility of fitting the BrahMos on its Su-30 combat jets. The BrahMos missile is a two-stage vehicle that has a solid propellant booster and a liquid propellant ram-jet system. The missile can fly at 2.8 times the speed of sound, and is capable of being launched from multiple platforms based on land, sea, sub-sea, and air.

In September 2009, a memorandum of understanding (MoU) was signed by India and Russia to develop

and induct a new hypersonic version of their joint venture 290-km-range BrahMos cruise missile by 2015. The new missile, they said, will be known as "BrahMos-2," and will have a speed of over 6 Mach (around 6,000 km per hour) with a striking-range of 290 km. While this scientific and technological cooperation is of immense benefit, particularly for India, which has been under international sanctions (for its refusal to sign the Non-Proliferation Treaty, and for testing nuclear devices) from obtaining a large number of high-tech materials, the key to the India-Russia scientific and technological collaboration lies in the development of the next generation of nuclear reactors fired by thorium fuel.

Both Russia and India have done a significant amount of groundwork to enhance bilateral scientific and technological collaboration over the years. In early November, Russian Deputy Prime Minister Sergei Sobyenin, who also co-chairs the Russian-Indian Commission on Trade, Scientific and Cultural Cooperation, visited India as part of preparation for the Indian Premier's upcoming visit to Russia. During his Nov. 9-12 visit, in addition to meeting Manmohan Singh and External Affairs Minister S.M. Krishna, Sobyenin reviewed the two 1,000 MW Pressurized Light Water nuclear power units (VVERs) now being built at Koodankulam near Chennai.

### **Russian Nuclear Reactors**

The two 1,000 MW Russian reactors are in the later stages of construction, with the first unit expected to go on line sometime early next year, and the second, around eight months later. Four more reactors for Koodankulam have already been ordered. Russia will also supply fuel for these reactors for their entire lifespan. In August, dummy fuel—akin to the real one in terms of weight



and other features, but without uranium—for the first reactor was received. Previously, the project received the first shipment of uranium from Russia for the second 1,000 MW unit at Koodankulam. The first shipment was received in early 2008.

In addition, Russia has offered a 30% discount on the \$2 billion price tag for each of its new nuclear reactors under discussion for sale to India. Moreover, the Russians are open to authorizing the nuclear fuel firm TVEL Corporation to deliver uranium not just for the Russian-built nuclear power stations, but for existing heavy-water-based power reactors in the country as well, including the Tarapur station, according to Indian Government sources. On the other hand, India has promised the Russians an increased role in the nuclear sector. Over and above the agreement signed for four reactors at Koodankulam, where two reactors are already under construction, talks have been initiated for building the seventh and eighth reactor units with Russian assistance at the same site. The Russians are also lobbying hard for earmarking at least one more new site, other than Koodankulam, for setting up Russian-designed reactors.

From these developments, and taking into account India's desperate need to enhance its power generation capacity through nuclear energy, it is a foregone conclusion that India will procure more large Russian reactors in the coming years. However, it is now time for these two nations, which have invested over the years in developing a thorium fuel cycle, to bring to fruition small and medium-size commercial thorium reactors at the earliest possible time.

India decided on long-term nuclear power generation based on a three-stage program back in the 1950s. In the first stage, natural uranium (U-238) was used in pressurized heavy water reactors (PHWRs). In the second stage, the plutonium extracted from the spent fuel of the PHWRs was scheduled to be used to run fast breeder reactors. The fast breeders would burn a 70% mixed oxide (MOX) fuel to breed fissile uranium-233 (U-233) in a thorium-232 (Th-232) blanket around the core. In the final stage, the fast breeders would use Th-232 and produce U-233 for use in the third-stage reactors.

One advantage of using a combination of thorium and uranium is related to the proliferation question: There is a significant reduction in the plutonium content of the spent fuel, compared with what comes out of

a conventional uranium-fueled reactor. Just how much less plutonium is made? The answer depends on exactly how the uranium and thorium are combined. For example, uranium and thorium can be mixed homogeneously within each fuel rod, and, in this case, the amount of plutonium produced is roughly halved. But mixing them uniformly is not the only way to combine the two elements, and the mix determines the plutonium production.

### **Indian Initiatives**

To a certain extent, India has completed the first stage of its nuclear program, putting on line more than a dozen nuclear power plants so far, with a few more plants now in the construction process. The second stage is as yet realized only by a small experimental fast breeder reactor (13 MW), at Kalpakkam, in the state of Tamil Nadu. Meanwhile, the Indian authorities have approved the Department of Atomic Energy's proposal to set up a 500 MW prototype of the next-generation fast breeder nuclear power reactor at Kalpakkam, thereby setting the stage for the commercial exploitation of thorium as a fuel source. India's commitment to switch over to thorium stems, in part, from its large indigenous thorium supply. Thorium has no isotopes and is a non-fissile element. However, it has a thirst for capturing a neutron to convert itself into U-233, a fissile material, and can be used as fuel in the reactors.

India began the construction on the facility for reactor physics of the Advanced Heavy Water Reactor (AHWR) in 2007. The AHWR will use Th-232, the "fuel of the future," to generate 300 MW of electricity, up from its original design output of 235 MW. The reactor will have a lifetime of 100 years, and is scheduled to be built on the campus of India's main nuclear research and development center, the Bhabha Atomic Research Center. The construction of the AHWR will mark the beginning of the third phase of India's nuclear electricity-generation program. The fuel for the AHWR will be a hybrid core, partly Th-232/U-233, and partly thorium-plutonium. The reactor will be a technology demonstrator for thorium utilization.

India-Russia cooperation in the area of Th-232 as reactor fuel has been progressing for some time. In 2000, India and Russia signed a protocol in Moscow for cooperation in developing thorium-based nuclear fuel for use in the pressurized light water reactors being sup-



IAEA/Petr Pavlicek

*On his visit to India, Russian Deputy Prime Minister Sobyanin reviewed the two 1,000 MW pressurized light water nuclear power units (VVERs) now being built at Koodankulam near Chennai (shown here). At present, the VVERs are designed for use with enriched uranium (about 6% of fissile U-235, and the rest, non-fissile U-238) as fuel.*

plied by the Russians for Koodankulam. At present, the VVERs are designed for use with enriched uranium (about 6% of fissile U-235, and the rest, non-fissile U-238) as fuel.

The protocol signed in 2000 concretized the “Proposal on R&D on Thorium Utilization in Russian VVER-1000,” signed on April 29, 1999, in Moscow, at a meeting of specialists of the Bhabha Atomic Research Center and the Nuclear Power Corporation of India, on the Indian side, and the Kurchatov Institute on the Russian side. That document also envisaged development of a fuel that can be used without altering the design of the reactors that Russia would supply. According to D.N. Moorthy, an Indian nuclear chronicler, the Moscow proposal has two interesting aspects. The “proposal” recognized that “an agreement between [the Russian Federation] and India on the construction in India of a series of reactors of VVER-1000 does exist.”

### **Russian Expertise vis-à-vis Thorium**

The second interesting aspect of the proposal records that the Kurchatov Institute had developed “a safe, low-cost, nuclear fuel design with thorium utilization for Russian VVER reactors that offers a nuclear

fuel,” which has five features: It is 20% less expensive than traditional fuel (enriched uranium); it can be inserted in Russian VVERs without modification to the reactors; it reduces nuclear waste by half in volume when compared to traditional fuel; it reduces risk of fission material proliferation; and it allows for effective thorium utilization without reprocessing.

Moorthy points out that, about two months before the 2000 protocol for joint R&D on thorium utilization was signed, scientists at the Indira Gandhi Centre of Atomic Research (IGCAR) at Kalpakkam confirmed that India was already so highly advanced in thorium utilization in the form of a blanket, along with a certain amount of enriched uranium in the fast breeder test reactor (FBTR), that a prototype fast breeder reactor was already under construction at Kalpakkam using the same technology.

The Russian expertise in thorium fuel is no secret; its development began almost two decades ago. In 1992, the eminent nuclear engineer Alvin Radkowsky, architect of the naval nuclear program that had spawned the civilian nuclear energy industry, on the advice of his former teacher and pioneering nuclear physicist, Edward Teller, embarked on the project to design a new nuclear fuel made out of non-fissionable mineral thorium. He realized that thorium, though non-fissionable, could be made to sustain a nuclear reaction in the presence of fissile U-235 or plutonium 239.

By the mid-1990s, Radkowsky’s outfit, Thorium Power, Inc., with the support of the U.S. Department of Energy, began a project involving, reportedly, 500 Russian scientists and engineers at the Kurchatov Institute and other Russian research institutions, in fabricating and testing a thorium fuel, to burn plutonium in Russian VVER-1000 reactors.

According to Nancy Roth, editor of the U.S.-based *Fuel Cycle Week*, following Radkowsky’s untimely death, a new thorium fuel underwent ampoule irradiation testing at the Kurchatov IR-8 research reactor for several years, and full-scale lead test assemblies were expected to be tested in a VVER-1000 reactor at the Kalininskaya nuclear power plant, by the first quarter of 2008.

# Venezuela's Chávez Fights the Wrong Dope

by Dennis Small

Nov. 30—In the days when the world system of the International Monetary Fund is slipping into a chain-reaction pattern of sovereign fiscal defaults, what marginal nations such as Venezuela under President Hugo Chávez say, has no durable relevance for even the relatively short time ahead. Although it is significant for those who must ask: “How did we allow the present world monetary breakdown-crisis to develop as it has done up to this point?”

Therefore, were the consequences not so dangerous for the region and the world, one might be tempted to brush off the recent actions announced by President Chávez against neighboring Colombia—with which it shares a 2,200-km border—as something lifted straight from a Peter Sellers movie.

In July 2009, Chávez announced that he was freezing diplomatic relations with Colombia and was ordering that Venezuela's sizeable food and other imports from Colombia be reduced to an absolute minimum. The flow of meat, chicken, eggs, and other basic foodstuffs has been reduced by over 70%. The only Colom-



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*Venezuela's President Hugo Chávez in Brazil, 2003. The emotionally unstable demagogue has been played by London since he became President in 1998.*

bian items entering Venezuela are those that were granted customs permits before August; no new permits have been issued since that time. Prior to the announcement, Colombia was Venezuela's number two source of imports (\$4.2 billion per year), second only to

## LaRouche: How Mexico Was Crushed

*Remarks by Lyndon H. LaRouche, Jr., Nov. 24, 2009.*

In the case of Mexico, what happened—the proximity with the United States and the interaction with the United States, especially with getting the Habsburgs out of there, resulted in a long period, which went through the [Franklin] Roosevelt period, where, after all these internal wars that were organized from abroad, you had a development of Mexico which was

different from that of any other part of South America and Central America—because of the American influence, especially from the time of John Quincy Adams and Lincoln.

This occurred again in the 1930s: In the 1930s and the early 1940s, you had the root of a development in Mexico, which was a specific culture, which we knew in our time, in the form of President José López Portillo. López Portillo embodied this influence, this legacy, and it was moving in a positive direction.

When he was crushed, and when Mexico was crushed, and *when the Mexican people, themselves, crushed his reputation*, Mexico was set up for destruction!



the United States. Colombian authorities report that 250,000 Colombian and 100,000 Venezuelan families are directly involved in border trade.

Then, on Nov. 19, Chávez ordered his military to blow up two pedestrian bridges connecting the Colombian department of Norte de Santander with the state of Táchira in Venezuela, arguing that they were being used by contrabandists and drug-runners. The next day, Chávez issued yet another threat of war against Colombia, as he has done repeatedly over recent months and years: “I would go to war with the sister nation of Colombia in tears, but it is not we who have in our hands the option of carrying it out or avoiding it; nor is it even Colombia; it is the United States empire.”

“This situation is typical of the entire region of Central and South America today,” U.S. statesman Lyndon LaRouche commented in late November. Instead of cooperation among the nations of the region towards a common mission of development, in conjunction with the Four Powers Pacific-centered international alliance LaRouche has designed, Venezuela has gotten into an insane, British-orchestrated conflict with Colombia, centered around the question of drug legalization.

“The entire region has sunk into petty squabbles,” LaRouche said, “which are leading to a catastrophe. There is no sense of mission orientation being provided by the governments or leaders of the region, no mobilization of their populations to better their destiny, no global conception, as there was at better moments in their history,” such as the 1982 cooperation between LaRouche and then-President of Mexico José López Portillo.

The only non-suicidal strat-

egy for any nation of Ibero-America, LaRouche explained, as for every part of the planet, is to turn to the Pacific Basin as the center of world economic recovery, from this point of history forward. For example, if Venezuela wants viable access to the Pacific, in order to build economic ties with Asia and China in particular—as Chávez claims is his intent—it has no choice but to develop joint infrastructure integration projects with the one country of South America which has coasts on both the Atlantic and the Pacific Oceans: Colombia (Figure 1).

Instead, British imperial strategists have had a field

FIGURE 1



day in Ibero-America, manipulating the cultural fault-lines and weaknesses there to foster conflict where there should be cooperation; environmentalism, where there should be high-technology industrialization; and infantile anti-Americanism, where there should be common cause against the British imperial common enemy.

“We’ve seen, bit by bit, that everything we saw viable in Central and South America back in the 1970s, 1980s, and even the 1990s, has been shot down,” LaRouche recently noted. “You have Venezuela: The biggest drug pusher is now in charge of Venezuela. What can you do with that mess? They’re all intimidated by the drug traffic!”

“The problem in Central and South America is a moral problem. It’s a Habsburg problem. Remember, Columbus comes to the Americas with an intention in 1492,” LaRouche continued. This was an intention shaped by the same nation-building worldview of Nicholas of Cusa which later led to the 17th-Century founding of the Massachusetts Bay Colony in North America. But, whereas, the North American effort succeeded, with the American Revolution and beyond, the South American effort did not. Why?

“Because the Habsburgs took over,” LaRouche explained. “The Habsburgs in Brazil. The Habsburgs in Mexico. The Habsburgs in the rest of South America took over. What did they do? They introduced a culture which is a peon culture, largely: ‘pee on’ the people, is what the Habsburgs did. And you have—like the case of Brazil: Brazil is a powerful country, but it has no morality. You have two classes there: You have a ruling class, one section of people live on one side of town, in all the big cities; and on the other side, what do you have? The majority of the population is completely in a degenerate situation, under degenerate conditions.”

## A Pacific Solution

The British have played on this cultural weakness for decades and centuries, but now it threatens the very existence of the nations themselves. “The drug issue is key,” LaRouche noted, “but the drug issue is only symptomatic.”

Consider the way Colombian-Venezuelan tensions have played out over recent years.

The emotionally unstable Chávez, ever since London placed him in the Presidency of Venezuela in 1998, has had a strategic alliance with the narco-ter-

rorist Revolutionary Armed Forces of Colombia (FARC), the world’s leading cocaine cartel. And he has used Venezuela’s significant oil revenues to finance every government and movement in the region that is working with the British-run financier George Soros to promote drug legalization. Colombian President Alfonso Uribe, on the other hand, is the only leader in the region today who is fighting against drug legalization.

Back in early 2005, Venezuela and Colombia were close to breaking diplomatic relations, over an incident involving Venezuela’s harboring of Rodrigo Granda, a top leader of the FARC. But instead of being manipulated into conflict and possible war, both Chávez and Uribe opted for economic cooperation instead. On March 29, 2005, in the Venezuelan city of Ciudad Guayana, Chávez and Uribe were joined by Brazilian President Lula da Silva and Spanish Prime Minister Rodríguez Zapatero, in a dramatic summit which focussed on regional great infrastructure projects to pull their economies out of poverty, and to lay the foundations of lasting, regional development.

Most notably, that summit turned its eyes to China and Asia, as the option for the future: “This has to be thought about way beyond where it now stands,” Uribe stated at the summit. “It has to be thought about in relation to Asia. There’s no point in our integrating in order to stagnate.” (See *EIR*, April 15, 2005.)

LaRouche, at the time, characterized the summit as a “dramatic shift, a sudden turnabout which includes the Chinese factor in Ibero-America.” Among other things, LaRouche was referring to Chinese President Hu Jintao’s visit to Brazil, Argentina, Chile, and Cuba in November 2004, in which China proffered more than \$100 billion in investment and trade deals with the region over a ten-year period. A complementary trip of Chinese Vice President Zeng Qinghong to Mexico, Peru, and Venezuela in January 2005 broadened China’s proposals, as did a February 2005 proffer to Bolivia around a \$1.5 billion natural gas deal.

Within days of that summit, Colombia’s Uribe travelled to China, where he proposed a “strategic alliance” between the two countries, including joint efforts to combat narcoterrorism. which would be similar to the *Plan Colombia* established in 1999-2000 with the United States.

Although much of the \$100 billion of deals discussed by China with Ibero-America in 2004 and 2005

never materialized, top Chinese authorities launched a second major initiative towards the region in late 2008 and 2009. This included tours by President Hu and Vice President Xi Jinping, and the Third China-Latin America Business Summit, held in Bogotá, Colombia on Nov. 25-26, 2009, which brought together some 700 businessmen and top government officials from 14 countries.

In 2008, China became Ibero-America's second-largest trading partner, after the United States, while for some countries—such as Brazil—it was already number one. In addition to trade, China is currently discussing major investment projects in the region.

But there is actually much more at stake. The Eurasia that Ibero-America is dealing with changed dramatically with the October 2009 accords between

Russia and China, which took the first steps towards shifting from the current bankrupt world *monetary* system to a viable, development-based world *credit* system along the lines proposed by LaRouche.

### Assisted Suicide

But, where Eurasia has grown stronger since 2005, Ibero-America has grown dramatically weaker, both economically and politically. The region can no longer sidestep the cultural and historical Habsburg problem which LaRouche has so emphatically identified, and still hope to survive.

Over the centuries, the characteristic method employed by the British Empire to commit genocide can fairly be described as “assisted suicide”: Get your intended victims to kill themselves, or kill each other.

## LaRouche on Ibero-America's Current Strategic Role

*Remarks by Lyndon H. LaRouche, Jr., Nov. 13, 2009.*

There is presently no movement within Ibero-America which is actually committed to an effective role in dealing with the presently accelerating general, economic breakdown-crisis of every part of the present world economy. The recent [July 2009] election in Mexico is only one case of the present strategic ineptitude of the leading political forces through most among the nations of South America. There have been brighter moments in South and Central America, as during the Spring and Summer of 1982, but they were crushed then, and are not in control there today.

Therefore, if we look at the planet as a whole from inside South and Central America, we should recognize the hard truth that the rescue of this region will be made possible only through a Pacific-, rather than Atlantic-based movement: through an alliance which must be brought into being among the U.S.A. (with certain obvious, and actually possible, improve-

ments in the Office of the President and leadership of the U.S. Congress) and the major Pacific powers of the world, Russia, China, and India. In other words, we must take victory in those parts of the world where the relevant quality of political forces exist, and use that victory of the nations of the planet as a whole.

The strength of Colombia, among many of the best nations, lies in its resistance to the British drug-running interests. Wherever the move for legalization of the drug-traffic occurs, we find either an intrinsically corrupt, or greatly weakened sovereignty among leading political circles. Brazil is the only nation of the region, apart from Colombia, which has strategically significant economic and political influence on the planet at this time; but, we also know the internal problems, even there.

The conditions for leadership from South and Central America must come by way of the leading role of a changed direction from the U.S.A., working in partnership with Russia, China, India, and certain relevant other nations—to be directly associated with that partnership. In that view, Argentina does have some important, and most interesting potentialities as a factor within the Americas; I would hope, despite the limited options actually existing presently through South and Central America, that certain important elements of Argentina's history will come into play again.





Coordinacio de Material Grafico

*Mexican President José López Portillo in 1982, radiant as he stands up for his nation against the City of London and Wall Street bankers. When his Ibero-American neighbors did not back him up, his nationalist economic reform policy was crushed, and he was subjected to a decades-long campaign of calumny. He died in 2004.*

This is seen most clearly in the Obama Administration’s promotion of health-care “reform” centered on the Nazi practice of euthanasia—which is marketed under the guise of “assisted suicide.”

Or, take the case of the late Mexican President José López Portillo (1976-82), who allied with LaRouche to defend his nation against destruction at the hands of predatory financiers, and to issue a clarion call to the world to establish a New World Economic Order to replace the bankrupt IMF system. López Portillo was defeated, and his country was ripped apart in the aftermath, to the point where it has virtually lost all sovereignty today. But even worse is the fact that, since that time, most Mexicans have been induced, through massive propaganda and brainwashing, to *attack* López Portillo and his legacy—a form of hara-kiri against the very best of their own nation and history.

A similar thing was done nearly 20 years later to Peruvian President Alberto Fujimori, after he had defeated London’s Shining Path narcoterrorists, and called, on Sept. 1, 2000, for the formation of “the United States of South America,” premised on the

physical integration of the continent around great infrastructure projects—a strategy again influenced by direct contact with the ideas of LaRouche. Fujimori was toppled before the end of the year, through a British-orchestrated corruption scandal, and, here again, the Peruvian population was manipulated to turn against Fujimori and tolerate his current imprisonment.

This same British cultural warfare strategy of “assisted suicide” is expressed in a more fundamental and destructive way, in the infantile anti-Americanism which the British—and their dupes on Wall Street—have, for centuries, spread intentionally, not only in Mexico, but across all of Ibero-America. In so doing, they have stolen from Ibero-Americans the very best part of themselves: the relationship to the *ideas* which gave birth to the United States and the American System of political

economy, the ideas of Nicholas of Cusa and G.W. Leibniz, on which their own nations’ greatest moments were built.

In the case of Mexico, that relationship was at the heart of the 1810 War of Independence and its heroes such as Miguel Hidalgo and José María Morelos—who were enemies of the Habsburgs and friends and followers of the young United States. It was seen in the mid-19th-Century strategic alliance between Benito Juárez and Abraham Lincoln, to overthrow Habsburg Emperor Maximilian in Mexico and decisively defeat the British in the Americas. And it surged again in the mid-20th-Century relationship between U.S. President Franklin Delano Roosevelt and Mexico’s President Lázaro Cárdenas, who worked together to deprive the British of their stranglehold over Mexico’s oil, and cooperate on Mexico’s development.

It is that alliance, and that shared philosophical outlook with Cusa, Leibniz, and others against the horrors of the Habsburgs, which today marks the only path to survival for the Americas. That is a reality which even Hugo Chávez is going to have to face.

# Editorial

## *A Queen in Check!*

by Lyndon H. LaRouche, Jr.

November 29, 2009

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*How typical of the special rules of the British imperial game of chess: to leave its Queen in check!*

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For the thinking sort of Briton, their Queen's brief, November 27th speech opening the Commonwealth event, had the nerve-jerking overtones of the last days of East Germany's Honecker's denial of the already onrushing doom of the last remaining hours of the East Germany regime, in her wildly bragging claims that the motions about to be presented to the Copenhagen Climate Change Summit would "continue to affect the security and stability of millions for years to come."

Such grandiose chatter as her address, reminds one of the way in which Erich Honecker met his fate; as, so, the Queen now reviews her own, crumbling, old regime. With her claim that her Commonwealth empire, virtual captives included, represents about one-third of world population, and about one billion young, she, like the doomed Achaemenid Darius III, has enormous forces nominally at her disposal. Yet her empire is falling, less from the valor or cleverness of its adversaries, than the burden of its own, dead intellectual weight.

There is no chance that that Queen can prevail; unfortunately, there is no certainty, given the present state of the government of the United States, that our United States will not also be destroyed, not by British might, but by joining her in the following of that same neo-Malthusian doctrine of the Copenhagen Summit on Climate Change, which is presently rushing the British empire, and much of the other foolish parts of the

world to their own, common early doom.

The warning rumbles of a strategic quality of global cultural earthquake are already being felt in the political tremors around the failed Obama "White House," and the ominous signals from Dubai.

The reduction of the physical productive powers of labor, and of the physical infrastructure on which the realization of that productivity depends, is a matter of physical science, a matter of those increases of the levels of energy-flux-density supplied to the processes of environment, production, and the models of education for the mind of the members of the population. In other words, the point is now reached, that the survival of what could be considered civilization, depends upon dumping everything which the Copenhagen Summit on Climate Change proposes.

Therefore, the Queen's empire is thus doomed by its own practiced intentions; nothing more than that, is now required, to ensure the impending fall of her House.

In the meantime, electable remedies for this threatened doom of the planet's economy do exist. The agreement recently struck between Russia and China, is most notable among the achievements thus far. However, all workable remedies require the immediate dumping of the proposed objectives of the Copenhagen Summit on Climate Change. Were such an agreement actually installed, the planet as whole is doomed to immediately beginning a planetary new dark age of a profundity and scale beyond what happened to Europe in the so-called "New Dark Age" of Europe's Fourteenth Century.

*Continued on next page*

## **The Principal Remedies**

The solution for this threatened, planet-wide breakdown-crisis of civilization, is best defined by aid of reference to my consistently successful “Triple Curve” treatment of not only the crises which have struck the U.S.A., Europe, and beyond, since 1966, but which provides the necessary insight to all of the relevant crises of the U.S. economy since the February 1957 onset of the deepest U.S. post-World War II recession up to that time.

Later, since the assassination of President John F. Kennedy, the U.S.A. has drifted, or been driven down-hill by its own adopted, British neo-Malthusian trends in policy of practice. The most prominent expression of that descent into depravity has been expressed under the banner of “environmentalism.”

Thus, the British monarchy, rather than simply choosing this fraudulent foolishness of “environmentalism” for its own private enjoyment, aims to impose the virtual genocide which such a policy entails on humanity generally, that through the specific means prescribed for the forthcoming Copenhagen Summit.

Whether, or not, the British empire will succeed in thrusting its wicked intentions upon nations represented at the Copenhagen Summit, the British empire has less chance of coming out on top than did the land-based Achaemenid emperor Darius III against the combined maritime power represented in the imperial Mediterranean forces led by Alexander the Great at Gaugamela.

The physical-economic and military strategic superiority of maritime culture over the land-based oligarchical systems of ancient and medieval cultures, led to the selection of the monetarist-imperialist forces associated with the Anglo-Dutch, Atlantic-based maritime power over the world at large, and to the superiority of the American System over the still-pro-oligarchical social systems of Europe, despite the essentially treasonous role of that Wall-Street-centered offshoot of the British East India Company nested, more or less treasonously, inside the U.S.A. itself.

So, in short, the monetarism of so-called Asian cultures suffered from their strategic weakness, as land-based powers, relative to landed nations whose

principal source of physical-economic power for development was that of maritime powers.

However, once the nations and cultures of the world approached a condition of being placed on an approximately equal strategic footing, through, most emphatically, the development of continental railway systems, there has been a tendency of economic potential to favor railway-based interiors over maritime systems, economically.

However, the fact remains, that the combination of the increase of usable increases in energy-flux density applied per capita and per square kilometer, determines the relative physical-economic potential of nations per capita and per square kilometer, all other related considerations taken into account.

## **The Development of Man**

Above all the foregoing strategic considerations, the essential thing about nations and their economies is the development of the creative powers of the human individual, as advances from relatively lower, to relatively higher degrees of modes of sources and applications of power, per capita and per square kilometer represent this.

Those advances in cultural development of the individual and the population, which make possible both the maintenance and the increase of the productive powers of human labor, reflect the essential difference which sets the human individual, apart from, and above all beasts. It is the cultural development of the physical-creative potential of the individual, that as much through Classical culture (rather than today’s relatively depraved popular cultures) which defines that quality of development and expression of the human individual on which both the maintenance and the increase of the potential relative population density of the human species depends.

A zero-technological growth economy is already the economy of a dying, ultimately doomed culture. Britain as it is typified by the utterings of the present British monarchy, can not prevail; at its worst, it could only drag the rest of the world down with it, if we are foolish enough to follow its recommendations.



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- ORANGE COUNTY (N) TW Ch.95/97/98: Fri 4 pm

### COLORADO

- DENVER CC Ch.56 Sun 10 am

### CONNECTICUT

- GROTON CC Ch.12: Mon 5 pm
- NEW HAVEN CC Ch.27: Sat 6 pm
- NEWTOWN CH Ch.21: Mon 12:30 pm; Fri 7 pm
- NORWICH CC Ch.14: Thu 7:30 pm
- SEYMOUR CC Ch.10: Tue 10 pm

### DISTRICT OF COLUMBIA

- WASHINGTON CC Ch.95 & RCN Ch.10: Irregular

### FLORIDA

- ESCAMBIA COUNTY CX Ch.4: Last Sat 4:30 pm

### ILLINOIS

- CHICAGO CC./RCN/WOW Ch.21: Irregular
- PEORIA COUNTY IN Ch.22: Sun 7:30 pm
- QUAD CITIES MC Ch.19: Thu 11 pm
- ROCKFORD CC Ch.17 Wed 9 pm

### IOWA

- QUAD CITIES MC Ch.19: Thu 11 pm

### KENTUCKY

- BOONE/KENTON COUNTIES IN Ch.21: Sun 1 am; Fri Midnight
- JEFFERSON COUNTY IN Ch.98: Fri 2-2:30 pm

### LOUISIANA

- ORLEANS PARISH CX Ch.78: Tue 4 am & 4 pm

## MAINE

- PORTLAND TW Ch.2: Mon 1 & 11 am; 5 pm

## MARYLAND

- ANN ARUNDEL CC Ch.99; FIOS Ch.42: Tue & Thu: 10 am; Fri & Sat: midnight
- P.G. COUNTY CC Ch.76 & FIOS Ch.42: Wed & Fri: 6 pm
- MONTGOMERY COUNTY CC/RCN/FIOS Ch.21: Tue 2 pm

## MASSACHUSETTS

- BROOKLINE CV & RCN Ch.3: Mon 3:30 pm; Tue 3:30 am; Wed 9 am & 9 pm;
- CAMBRIDGE CC Ch.10: Tue 2:30 pm; Fri 10:30 am
- FRANKLIN COUNTY (NE) CC Ch.17: Sun 8 pm; Wed 9 pm; Sat 4 pm
- QUINCY CC Ch.8: Pop-ins.
- WALPOLE CC Ch.8: Tue 1 pm

## MICHIGAN

- BYRON CENTER CC Ch.25: Mon 2 & 7 pm
- DETROIT CC Ch.68: Irregular
- GRAND RAPIDS CC Ch.25: Irreg.
- KALAMAZOO CH Ch.20: Tue 11 pm; Sat 10 am
- KENT COUNTY (North) CH Ch.22: Wed 3:30 & 11 pm
- KENT COUNTY (South) CC Ch.25: Wed 9:30 am
- LAKE ORION CC Ch.10: Mon/Tue 2 & 9 pm
- LANSING CC Ch.16: Fri Noon
- LIVONIA BH Ch.12: Thu 3 pm
- MT. PLEASANT CH Ch.3: Tue 5:30 pm; Wed 7 am
- SHELBY TOWNSHIP CC Ch.20 & WOW Ch.18: Mon/Wed 6:30 pm
- WAYNE COUNTY CC Ch.16/18: Mon 6-8 pm

## MINNESOTA

- ALBANY AMTC Ch.13: Tue & Thu: 7:30 pm
- CAMBRIDGE US Ch.10: Wed 6 pm
- COLD SPRING US Ch.10: Wed 6 pm
- COLUMBIA HEIGHTS CC Ch.15: Tue 9 pm
- DULUTH CH Ch.20: Mon 9 pm; Wed 12 pm, Fri 1 pm
- MARSHALL Prairie Wave & CH Ch.35/8: Sat. 9 am
- MINNEAPOLIS TW Ch.16: Tue 11 pm
- MINNEAPOLIS (N. Burbs) CC Ch.15: Thu 3 & 9 pm
- NEW ULM TW Ch.14: Fri 5 pm
- PROCTOR MC Ch.12: Tue 5 pm to 1 am
- ST. CLOUD CH Ch.12: Mon 5 pm
- ST. CROIX VALLEY CC Ch.14: Thu 1 & 7 pm; Fri 9 am
- ST. LOUIS PARK CC Ch.15: Sat/Sun Midnite, 8 am, 4 pm
- ST. PAUL CC Ch.15: Wed 9:30 pm
- ST. PAUL (S&W Burbs) CC Ch.15: Wed 10:30 am; Fri 7:30 pm
- SAULK CENTRE SCTV Ch.19: Sat 5 pm

- WASHINGTON COUNTY (South) CC Ch.14: Thu 8 pm

## NEVADA

- BOULDER CITY CH Ch.2: 2x/day: am & pm
- WASHOE COUNTY CH Ch.16: Thu 9 pm

## NEW HAMPSHIRE

- CHESTERFIELD CC Ch.8: Wed 8 pm
- MANCHESTER CC Ch.23: Thu 4:30 pm

## NEW JERSEY

- BERGEN CTY TW Ch.572: Mon & Thu 11 am; Wed & Fri 10:30 pm
- MERCER COUNTY CC Trenton Ch.26: 3<sup>rd</sup> & 4<sup>th</sup> Fri 6 pm Windsors Ch.27: Mon 5:30 pm
- MONTVALE/MAHWAH CV Ch.76: Mon 5 pm
- PISCATAWAY CV Ch.15: Thu 11:30 pm
- UNION CC Ch.26: Irregular

## NEW MEXICO

- BERNALILLO COUNTY CC Ch.27: Tue 2 pm
- LOS ALAMOS CC Ch.8: Wed 10 pm
- SANTA FE CC Ch.16: Thu 9 pm; Sat 6:30 pm
- SILVER CITY CC Ch.17: Daily 8-10 pm
- TAOS CC Ch.2: Thu 7 pm

## NEW YORK

- ALBANY TW Ch.18: Wed 5 pm.
- BETHLEHEM TW Ch.18: Thu 9:30 pm
- BRONX CV Ch.70: Wed 7:30 am
- BROOKLYN 4<sup>th</sup> Friday CV Ch.67: 10 am TW Ch.34: 10 am RCN Ch.82:10 am FIOS Ch.42:10 am
- BUFFALO TW Ch.20: Wed & Fri 10:30-11pm
- CHEMUNG/STUEBEN TW Ch.1/99: Tue 7:30 pm
- ERIE COUNTY TW Ch.20: Thu 10:35 pm
- IRONDEQUOIT TW Ch.15: Mon/Thu 7 pm
- JEFFERSON/LEWIS COUNTIES TW Ch.99: Irregular
- MANHATTAN TW & RCN Ch.57/85 Fri 2:30 am
- ONEIDA COUNTY TW Ch.99: Thu 8 or 9 pm
- PENFIELD TW Ch.15: Irregular
- QUEENS TW Ch.56: 4th Sat 2 pm RCN Ch.85: 4<sup>th</sup> Sat 2 pm
- QUEENSBURY TW Ch.71: Mon 7 pm
- ROCHESTER TW Ch.15: Sun 9 pm; Thu 8 pm
- ROCKLAND CV Ch.76: Tue 5 pm
- SCHENECTADY TW Ch.16: Fri 1 pm; Sat 1:30 am
- STATEN ISLAND TW Ch.35: Mon & Thu Midnite. TW Ch.34: Sat 8 am
- TOMPKINS COUNTY TW Ch.13: Sun 12:30 pm; Sat 6 pm

- TRI-LAKES TW Ch.2: Sun 7 am, 1 pm, 8 pm
- WEBSTER TW Ch.12: Wed 9 pm
- WEST SENECA TW Ch.20: Thu 10:35 pm

## NORTH CAROLINA

- HICKORY CH Ch.6: Tue 10 pm
- MECKLENBURG COUNTY TW Ch.22: Sat/Sun 11 pm

## OHIO

- AMHERST TW Ch.95: 3X Daily
- CUYAHOGA COUNTY TW Ch.21: Wed 3:30 pm
- OBERLIN Cable Co-Op Ch.9: Thu 8 pm

## OKLAHOMA

- NORMAN CX Ch.20: Wed 9 pm

## PENNSYLVANIA

- PITTSBURGH CC Ch.21: Thu 6 am

## RHODE ISLAND

- BRISTOL, BARRINGTON, WARREN Full Channel Ch.49: Tue: 10 am
- EAST PROVIDENCE CX Ch.18; FIOS Ch.25: Tue: 6 pm
- STATEWIDE RI INTERCONNECT CX Ch.13; FIOS Ch.32 Tue 10 am

## TEXAS

- HOUSTON CC Ch.17 & TV Max Ch.95: Wed 5:30 pm; Sat 9 am
- KINGWOOD CB Ch.98: Wed 5:30 pm; Sat 9 am

## VERMONT

- BRATTLEBORO CC Ch.8: Mon 6 pm, Tue 4:30 pm, Wed 8 pm
- GREATER FALLS CC Ch.10: Mon/Wed/Fri 1 pm
- MONTPELIER CC Ch.15: Tue 10 pm; Wed 3 am & 4 pm

## VIRGINIA

- ALBEMARLE COUNTY CC Ch.13: Sun 4 am; Fri 3 pm
- ARLINGTON CC Ch.69 & FIOS Ch.38: Tue 9 am
- CHESTERFIELD COUNTY CC Ch.17; FIOS Ch.28: Mon 1 pm
- FAIRFAX CX & FIOS Ch.10: 1<sup>st</sup> & 2<sup>nd</sup> Wed 1 pm; Sun 4 am. FIOS Ch.41: Wed 6 pm
- LOUDOUN COUNTY CC Ch.98 & FIOS Ch.41: Wed 6 pm
- ROANOKE COUNTY CX Ch.78: Tue 7 pm; Thu 2 pm

## WASHINGTON

- KING COUNTY CC Ch.77: Mon 11 am, Wed 7 am BS Ch.23: Mon 11 am, Wed 7 am
- TRI CITIES CH Ch.13/99: Mon 7 pm; Thu 9 pm

## WISCONSIN

- MARATHON CH Ch.10: Thu 9:30 pm; Fri 12 Noon
- MUSKOGEE TW Ch.14: Sat 4 pm; Sun 7 am

## WYOMING

- GILLETTE BR Ch.31: Tue 7

MSO Codes: AS=Astound; BD=Beld; BR=Bresnan; BH=BrightHouse; BS = Broadstripe; CV=Cablevision; CB=Cebridge; CH=Charter; CC=Comcast; CX=Cox; GY=Galaxy; IN=Insight;

MC=MediaCom; TW=TimeWarner; US=US Cable. FIOS=Verizon FIOS-TV.

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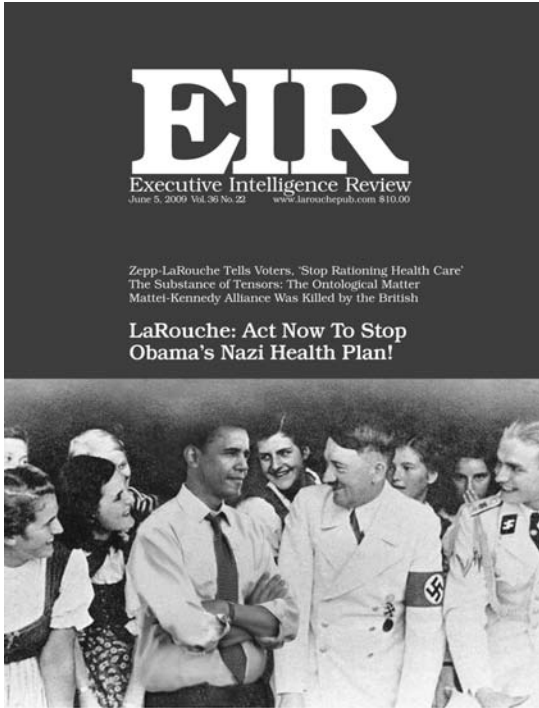
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