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The Global Truth About the 'Egypt' Crisis
LaRouche: How Can Europe Be Saved?
New Evidence for a Non-Particle View of Life

USA, Traitors, Today's Roman Empire
The Crucial Atlantic Triangle

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EIR

From the Managing Editor

Wall Street and the White House are determined to smother the report of the Federal Financial Crisis Commission, headed by Philip Angelides, beneath a thick blanket of silence. The LaRouche movement is equally determined not to let that happen, because the Angelides Commission has very competently analyzed the events that led to the crash of 2007-08. The facts speak for themselves, as we summarize them in the chronology of events in our *Feature* (p. 34), and this is the first time that anyone outside the LaRouche movement has put together the picture so clearly and accurately. As some commentators are now saying, the commission deserves a place in history next to the 1930s Pecora Commission, which exposed the skullduggery behind the 1929 stock market crash and its aftermath. The Pecora Commission laid the basis for incoming President Franklin D. Roosevelt to successfully challenge Wall Street and give the country a New Deal.

The Angelides Report proves that Lyndon LaRouche was right when he warned, time and time again over decades, that the financial and economic practices of the U.S. government would lead to catastrophe. LaRouche reviews that record in his major contribution to this issue, "The Crucial Atlantic Triangle," and he points the way—once again—to the solutions immediately required to prevent such a catastrophe. There are specific solutions, such as restoring the Glass-Steagall standard and launching history's most magnificent development program so far, the North American Water and Power Alliance (NAWAPA). And there are also solutions that are even more challenging: changing the way people think, to a scientific comprehension of economics and creativity.

This is LaRouche's "New Deal."

Both Lyndon and Helga LaRouche, in our *Strategic Studies* section, underline the threat to Europe and the United States, if these urgent measures are not taken. Events in Egypt are a case in point, because without international intervention to assure that Egypt's youth have a future, no "transition to democracy" can succeed.

Angelides wrote in an op-ed on Feb. 6, that "The greatest tragedy would be to accept the notion that no one could have seen this crisis coming, and thus nothing could have been done. If we accept this notion, it will happen again. Now it falls to all of us to make different choices if we want different results."

Well said. Get your Congressman to read the Angelides Report, and act on it by supporting LaRouche and his solutions.

Susan Welsh

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OUR U.S.A., OUR TRAITORS &
TODAY'S ROMAN EMPIRE:

The Crucial Atlantic Triangle

by Lyndon H. LaRouche, Jr.

January 24, 2011

In February 1763, in the Peace of Paris, the future U.S.A. was divided between the Liberal faction of the British East India Company and the American patriots. Since the period from the February 1763 "Peace of Paris" to the United States' victory at Yorktown, that division has existed to the present day, as between the American patriots and the "party of treason," that of the so-called "Tories" of the British East India Company faction in North America. This division, as it has been described by Anton Chaitkin's ***Treason in America***[1]*, has been the continuing quarrel between our patriots and what is regarded as of such offshoots of the British East India Company as the Wall Street gang associated with the legacy of the traitor Aaron Burr's founding of the Bank of Manhattan. So, Burr had remained a British agent against the United States, and associated with the name of "Wall Street." U.S. Presidents such as Richard M. Nixon, George H.W. Bush, George W. Bush, Jr., and Barack Obama, are merely typical of that same, Wall Street-to-London "party of treason" which has been, still lately, the agents of influence of the British empire's interest inside the financial centers and government of our United States. Such was the division between the patriots and the "White Shoe" Anglophiles' faction within its own, Wall Street part of the U.S. wartime Office of Strategic Services (O.S.S.); that division within the O.S.S. has remained the key to politics within the U.S.A. since that time, to the present day. That is our story, still today.*

1. Washington, D.C.: Executive Intelligence Review, Second Edition, 1999.

Emergence of the SDI

The LaRouche movement, then known as the U.S. Labor Party, circulated this pamphlet widely during the late 1970s, calling for a U.S. beam-weapon strategic defense program.

Ronald Reagan Library

Above: President Reagan makes his famous address to the nation on the SDI, March 23, 1983.

EIRNS/Stuart Lewis

Left: Dr. Edward Teller endorsed the SDI as a program that, in cooperation with the Soviet Union, would further "the common aims of mankind." He is shown here in April 1983.

Long before, and long after President Reagan's announcement of the Strategic Defense Initiative (SDI), Lyndon LaRouche organized for a beam defense program in cooperation with the Soviet Union, as a science-driver for the world economy. This Presidential campaign pamphlet is from 1983.

PROLOGUE:
The SDI Experience

To be clear in this matter, during my relatively short time in military service during World War II, I was never an assigned part of the U.S. intelligence services. However, even then, as to the personal role which I played in Calcutta during the immediate post-war period that I was still in military service abroad, it was to be proven, years later, that what I conducted in Calcutta, then, was an action fully consistent, paradigmatically, with what had been the patriotic faction of the war-time Office of Strategic Services (O.S.S.), rather than the British-aligned. "White Shoe" faction.

In the meantime, with the close of my military service, once I had resumed my role as a civilian back in the U.S.A., not many years were to have passed before I came to be increasingly suspect, even hated to the present day, by that Liberal faction associated with certain "Wall Street" and related, pro-British factions' circles of political and financial, reductionist opinion still today. As it is said: I "have had their number."

During my U.S. Presidential candidacies, beginning the late 1970s, I did play a 1977-1983 role within an official framework, an initiating role in what came to be known officially as "A Strategic Defense Initiative (SDI)." The original design of that endeavor was my own; but, relevant senior forces of several leading governments had taken over the leading official role within

the evolving framework of that organized effort.

During the course of the post-World War II period, what can be identified as many leading military, diplomatic, and scientific circles from among an impressive listing of nations, including some on both sides of the Atlantic, echoed President Charles de Gaulle's notion of a "Europe . . . from the Atlantic to the Urals," as I emphasized that connection among relevant U.S.A., European and other prominent circles through the time of my October 12, 1988 Berlin address on behalf of this perspective. Similarly, as Dr. Edward Teller had spoken at a relevant Erice conference of that period, the object of bringing the Soviet Union into this new configuration was to "achieve the common aims of mankind." Leading senior figures of sundry nations participated in this effort prior to and following President Ronald Reagan's public declaration of his proposal for a shared Strategic Defense Initiative (SDI) between the Soviet Union, on the one side and the allies of the United States on the other.

Thus, the objections of such Soviet figures of the 1980s as the Yuri Andropov and Mikhail Gorbachov opposing the SDI proposal, went to great lengths to prepare what turned out to be not only the doom of the Soviet Union during that time, but, as we have seen since, the degradation of all continental Europe, and areas and peoples beyond, into the present advanced stage of a general breakdown-crisis throughout the planet's trans-Atlantic regions, and, implicitly, the planet in its entirety.

That had not been my specific goal when I first returned from overseas service; but, the changes which occurred in that direction were consistent with the trends in my outlook throughout the period of my experience beginning my overseas war-time service, to the present day.

My present role, as it had been expressed afresh in my voluntary "State of the Union" address this past Saturday (Jan. 22), is best understood from the vantage-point of the kind of strategic-intelligence function which I had first performed, briefly, in Spring 1946, according to the public instructions for the post-war period which I had heard uttered by President Franklin Roosevelt, earlier. Such were my views from the time of my return to the U.S.A., especially since the period I composed my forecast of the severe U.S. recession to break out during the February-March interval of 1957. This led to a later time, as when I played a similar role as a forecaster, but with increasing political significance, since my celebrated, December 2, 1971 debate against Britain's Professor of a Nietzschean ("creative destruction") disposition, Abba Lerner, at Queens College.

Fairly said, since my overseas service at the close of the war, such had been my virtual instinct, then, as now. The same kind of significance is to be emphasized respecting my leading role in the development of what came, later, to be termed as a "Strategic Defense Initiative" (SDI), a policy which I had launched, in fact, as the seedling of a strategic mission-orientation over the 1977-1982 interval, and into 1983 and beyond, a part which I conducted in opposition to British-leaning Soviet officials Yuri Andropov and Mikhail Gorbachov, a long-term perspective which remains my commitment to the present date.

Since the mid-1950s, my performance in economic forecasting of major medium- to long-term trends in the U.S. economy, and, also, sometimes others, has been outstanding among economists generally. Many of my successful forecasts have had significant, or even crucial significance for our own republic, and, often, also others, too. Now, with the combination of a set of most recent developments, including the report of the Angelides "2008 Commission," my successes as a forecaster to date, have a most extraordinary, immediate significance at the highest level of attention to policy-shaping.

To that point, the following is now to be said.

Now that the Angelides ("2008") commission's report has been delivered to the public, during this week, I have come to enjoy an enhanced degree of international authority in the matter of urgent economic reforms, an enhancement derived from the fact that I have been fully demonstrated to have been correct in pushing my defense of the principle of the 1933 Glass-Steagall legislation in my own July-August 2007 draft legislation for a Homeowners and Bank Protection Act. This was continued in such notable occasions as my 2008 denunciation of the launching of a lunatic, inherently fraudulent "bail-out" practice, a real-life caricature of the children's game called "Monopoly," the opening of the great "bail-out" swindle which has been played out at greatly fraudulent public expense, by leading political figures which should have known better, a fraud for which there had never been any competent sort of actual authority.

Now, only the cancellation of the entirety of that "bail-out" swindle, under the authority of a renewed 1933 Glass-Steagall Act, could save our United States—and also other nations, from an oncoming plunge into a global, chain-reaction sort of general economic-breakdown-crisis now threatening to become a catastrophe comparable to Europe's Fourteenth-century plunge into "A New Dark Age." Since I have been the only notably competent public authority in general economic forecasting, the fact that the "2008" and later "bailout" has been such a terrible fraud, requires that official institutions of the U.S.A., including the two awfully incompetent Presidents, George W. Bush, Jr. and Barack Obama, must now act abruptly, and most urgently, as by aid of Section of #4 of the 25th Amendment of the U.S. Federal Constitution, to remedy the sheer and reckless incompetence of their widespread and ruinous error of 2007-2008, their folly which is being stubbornly continued, still today.

The facts which support the findings of Professor Phil Angelides' "2008" echo of the Franklin Roosevelt era's Pecora Commission, show beyond any presently reasonable objection, that I had been correct in both my strategic assessment, and, also, the remedies which I introduced as my policies of the 2007-2008 interval—and beyond. This included my 2008 denunciation of the 2008 launching of what has been a fraudulent bail-out scheme, where those who had opposed me in this matter are now shown to have been awfully misguided in this matter.

Shame on them? Yes; but, the important thing is not to whimper and whine, but to reverse the fundamental errors of policy-shaping leading into the "bail-out," by returning immediately to a full and immediate reversal of the entirety of the bail-out hoax, before it is too late to save civilization from the effects of that fallacious, London-steered policy.

So, today, in the light of the "2008" Commission's references to those developments of the 2007-2008 interval and beyond, I must include an explanation of why I must now explain my essential distinction between those two, contending, U.S. factions, from the World War II period, to which I referred, as follows.

To explain that situation competently, we must look back to the foundations of our U.S. republic under the 17th-century, Massachusetts Bay initiatives, actions taken then under the leadership of the Winthrops and the Mathers.

Man or Beast?

The original distinction between the Massachusetts leadership of the Winthrops and Mathers, on the one side, and the British East India Company crowd of the likes of American Tories such as Judge Lowell, on the other, was a fundamental, and often fierce difference of principle. It was the distinction between man as essentially human, and man as a talking and calculating simulation of a beast, the latter being predators of, for example, the kind of present-day predators of the current "Wall Street" design. That characterization is more than justly identified, otherwise, as representing the difference between the U.S. constitutional commitment as a system of credit, and a contrary, monetarist system of a European type which remains, in fact, as descended from the Roman Empire, still today.

The meaning of that distinction, the difference between what is identified as the "credit system" on which the U.S. Federal Constitution was based and a monetarist system of the sort now preferred in Europe, will probably shock many readers at first glance; despite that, the urgency of proceeding to that change, reflects a difference between the two policy-outlooks whose essential distinction lies in man's urgent need to conceive itself according to man's true nature, rather considering himself wrongly as virtually a "talking beast" lured into folly by the worthless worship of mere money.

That is to emphasize, that the idea of credit, when strictly defined in strictly scientific terms, such as those of the modern European Renaissance's Nicholas of Cusa, depends on the role of what Cusa identified as those creative powers of the human mind which constitute the essential distinction of the class of living creatures known as human, from the more limited category of powers attributable to the beasts; the principle of *consciously voluntary creativity*, which, speaking categorically in terms of the principle of science, does not exist among the beasts.

I explain this crucially important distinction as follows.

There is a kind of specific incompetence which frequently prevents human individuals, and also leading governments of the world, from recognizing the systemic nature of this crucial point of difference between, on the one hand, the mere symbol of money and, on the other hand, the physical actuality expressed as credit, as this were a difference between man and

Riemann's Crucial Insight

From Bernhard Riemann's habilitation dissertation, On the Hypotheses Which Lie at the Foundations of Geometry, *translated by Henry S. White, in David Eugene Smith, ed.,* A Source Book in Mathematics *(New York: Dover Publications, 1959):*

It is well known that geometry presupposes not only the concept of space but also the first fundamental notions for constructions in space as given in advance. It gives only nominal definitions for them, while the essential means of determining them appear in the form of axioms. The relation of these presuppositions is left in the dark; one sees neither whether and in how far their connection is necessary, nor a priority whether it is possible.

From Euclid to Legendre, to name the most renowned of modern writers on geometry, this darkness has been lifted neither by the mathematicians nor by the philosophers who have labored upon it. The reason of this lay perhaps in the fact that the general concept of multiply extended magnitudes, in which spatial magnitudes are comprehended, has not been elaborated at all. Accordingly I have proposed to myself at first the problem of constructing the concept of a multiply extended magnitude out of general notions of quantity. . . .

[In conclusion:] This path leads out into the domain of another science, into the realm of physics, into which the nature of this present occasion forbids us to penetrate.

beast. That failure is the expression of an induced, incompetent habit of ignoring the existence of those efficiently definable universal principles of scientific practice which are categorically excluded by such prototypes as Aristotle. The same is to be said of the sheer ontological silliness of Aristotle's foolish echo Euclid, and the followers of Paolo Sarpi's "neo-Aristotelean," modern British Liberalism as echoed by the black-magic hoaxster Isaac Newton and his echo Adam Smith. The widespread, foolish rejection of the scientific fact of Johannes Kepler's unique accomplishment of the discovery of a universal physical principle of gravitation, as Kepler's discovery was treated by Albert Einstein, illustrates this fact, all in accord with a judgment of mine, and of others, which is of great actual importance in all cases of a discovery of an actually universal physical principle.

The most convenient illustration of that set of facts, is presented as the concluding sentence of Bernhard Riemann's 1854 habilitation dissertation. There, Riemann warned that *we must leave the department of mathematics, so that we might proceed with a competent physical science.* All true discoveries of principle in science, are demonstrably fruits of either the discovery of such an original, universal physical principle, or represent an enrichment of the recognition of the applicable implications of such a discovery. The successful application of such discoveries, or, of their derivatives, is the essential, driving force of a system based on *the physical principle of economic credit*. The marginal gain, by society, of a presumption which satisfies that requirement, is the root of that principle of creativity expressed by the progress of the Seventeenth-century Commonwealth of Massachusetts under its original charter. That is also to be recognized as the expression of the physical principle of credit.

Mankind is no wretch, no mythical "Old Adam" borrowed from heathen legends, but, admittedly, man has frequently, like the authors of the U.S. "bail out" of 2008-2011, made wretched choices among society's decisions. To the best of our present knowledge, mankind is the most accomplished of the known living creatures we have encountered. Our species' errors must, therefore, be attributed to the failures of some, often even many human beings to come up to the standard of creative performance which is the inherent distinction of mankind's inherent powers. Nonetheless, our existence is not an error, but, our failure to come up to that standard I have prescribed, is, indeed, an error. Therefore, let us now proceed here with that understanding of that distinction, accordingly.

Economic Reality

In a civilized society, this power of human creativity has two, overlapping, but never contradictory expressions.

Said most simply, we have the case of either an actual discovery of principle, or a nearby approximation of such an accomplishment. The implied alternative expression of the same creative mental powers, is that which is otherwise associated only with formally Classical artistic creativity. These two, ostensibly distinct types, are, actually, differing phases of that creative process which distinguishes the creative powers of humanity from the forms of innovative behavior common to the beasts. The true principle of Classical-artistic metaphor, coincides, in effect, with the import of a genuine approach toward achieving a true scientific discovery; the two types of human behavior are ultimately of the same categorical quality.

The connection between the two "phase-spatial" expressions of specifically human creativity, is often to be found in the way in which human Classical artistic creativity serves as the precursor of what is rightly to be recognized as human physical-scientific creativity. To the same end, the loss of a wont for the experience of Classical-artistic creativity is, more than often, evidence of the serious impairment, even the loss of scientific creativity among science professionals so afflicted.

My own unique success as a long-range economic forecaster, from beginnings during the middle through late 1950s, has depended upon, and expressed that distinction of the often elusive, true principle of human scientific creativity from the murky, statistical waters of both Aristoteleanism and modern, Sarpian Liberalism.

All that which I have to report in this present report, should be situated by the reader within the setting of the foregoing emphasis on the interchangeability of true scientific creativity (such as that definable in terms of a science of physical economy) and what are clearly human forms of Classical-artistic creativity.

That point just made, is to be borne in mind in viewing the case of my own original design of the SDI. The same point is to be made for the case of creativity within the Seventeenth-century Massachusetts Bay colony under its original charter.

The Case of the SDI

What all of Europe, including the former Soviet Union, has since suffered from Andropov's 1983 rejection of the SDI, has been the price paid, on both sides of what Winston Churchill had named "The Iron Curtain," a price to be blamed, essentially, in respect to the matter of practice, on the consequences of Andropov's and Gorbachov's rejections of what U.S. President Ronald Reagan proffered as the SDI option, an option which would have protected the world from the worst disasters since suffered by the peoples of this planet.

What Britain's Margaret Thatcher, France's François Mitterrand, and the U.S.A.'s President George H.W. Bush imposed upon Germany, and, ultimately the planet in the large, in 1989-90, was a reflection of the situation which the Soviet folly in rejecting of the SDI had made possible. That rejection's effects, have come to include, most notably, the present-day subjugation of continental European nations to the virtual slavery of the "Euro" system imposed, by today's British empire, on nearly all of continental Europe at that same time, including the separated parts of the former Soviet Union. This is the root of the worst of what all of European civilization is now suffering, most bitterly, as its grave, deepening, present crisis, still today.

Had Andropov, or Gorbachov, accepted President Ronald Reagan's proffer of SDI, those bitter consequences suffered, still today, since 1989, particularly, in the regions of the former Soviet Union, much suffering of those people, and also the world more generally, would have been avoided.

What happened, with the persisting rejection of the SDI option, has been a reflection of the worst of the acts of Nietzsche's "creative destruction" which Nietzsche and his followers aimed against global civilization, especially trans-Atlantic civilization. Theirs was a principle of destruction deployed by such most notable followers of Nietzsche as not only the Hitler period's economist Werner Sombart and, later, the London- and Harvard-oriented Joseph Schumpeter and his Harvard devotee Larry Summers, but their followers' promoting of that presently onrushing, British-orchestrated, general breakdown-crisis which has taken over the trans-Atlantic world at the present time.

Franklin Roosevelt's Patriots

Virtually all of "Wild Bill" Donovan's patriots are now long deceased; but the tradition, and the cause, lives on among us.

The core of the legacy of that leadership which emerged within the SDI constituency during 1977-1986, emerging in both the Americas, much of Europe, and also beyond, is to be located in the two genera-

tions of adults coming out of military or comparable service during what is called "World War II." These to whom I refer now, were chiefly scientists, notably including those who had served in some notable military, or related functions during the second "World War" and beyond. The most notable figures drawn most directly into the SDI initiative itself, were, in part, typically senior ranking military and comparable figures reflecting the experience of that warfare, whether in the U.S.A., France, Germany, Italy, and elsewhere, that of those drawn from either my own, or an earlier generation, including a significant representation of discussion partners from inside the Soviet Union itself.

Harry S Truman Library

British Prime Minister Winston Churchill (center) arrives in Berlin for the Potsdam Conference, July 15, 1945. To his left is Field Marshall Bernard Montgomery, the racist commander of the First Army responsible for prolonging the war.

Much of the support for what became known as the SDI, reflected fresh memories of the folly of permitting the U.S.A. to destroy itself to the degree it did in the folly of the Indo-China warfare of 1964-75, and of the so-called "Cold War" up to that time. This reaction included living remnants from among those who, decades earlier, had been intellectually and emotionally engaged in winning a war which we hated, the so-called "World War II," but a war which we had, rightly come to consider, as, nonetheless, necessary at that time, as I virtually broke with my Quaker family on this account then.

However, then, since about the time of the breakthrough at Normandy, we had sensed revulsion among us, when we were presented with the thought of continuing World War II beyond the time of victory which the Third Army was ready to achieve within either late 1944, or early 1945, as most of us were angered by Churchill's determination for continued war against the Soviet wartime ally.

The reaction of the World War II veterans, on both sides of the subsequent, so-called "Cold War" conflict, reflected a more or less conscious awareness of the experience of modern European civilization since the folly of Europe's being drawn into the repeated stupidity of falling into the British imperialist traps modeled on both the so-called "Seven Years War" of 1756-63, the Napoleonic wars, and the state of the British Fabian Society's policy assigned to terrorist and gun-runner Alexander Helphand ("Parvus"), over the course of the entire span of general warfare, terrorism, and those of a spirit like that of "Parvus," as over the entire sweep of the period of Britain's "geopolitical warfare" over the entirety of the period, from the 1890 British monarchy's ouster of Germany's Chancellor Bismarck through the warfare in the so-called "Middle East" today.

Many of us drawn to the conception of the SDI option, recognized, that it had been the British empire and its Wall Street backers of Adolf Hitler's rise to power, which had been the enemy to be fought. The idea of dragging our United States into the role of a tagalong of that Britain which had brought Hitler into power, was far more than merely an utterly repulsive piece of folly. Bertrand Russell's 1946 scheme for a pre-emptive nuclear-weapons assault on the Soviet Union, later, disgusted us; we had no inclination to become Churchill's and Russell's dirty fools.

So, the British were able to stretch out the continuation of that warfare in Europe and the Pacific for an additional five months of 1945, a tragedy which was justly blamed by many on the role of the high-piping, shrill

voice of anti-black-racist Montgomery's British command of the First Army, as what was demanded, with repeated use of similar pranks, by the British oligarchs and their Wall Street cronies led by Winston Churchill.

The essential fact of that tragedy, was, that the British empire, typified by the often slurred voice of Winston Churchill, demanded both an unnecessarily prolonged war in Europe, that for the purpose of an intention to start a new war for exterminating, among others, our common World War II ally, that against the Soviet ally which played an indispensable part in defeating the same Nazi-led fascism which British imperialists, such as Winston Churchill, the Bank of England gang, and Wall Street entities such as Prescott Bush of Brown Brothers Harriman, had actually crafted and unleashed upon the world.

Whatever service Winston Churchill might have performed to his credit, as contrary to some even much more repulsive other British leaders up to that time, the fact remains, that Churchill's "Iron Curtain" was as much a crime as that we had been fighting against the Adolf Hitler regime, a regime which no one had done more to bring into power, despite a certain role by King George VI, than the British monarchy beloved of the tradition of both Churchill's own Marlborough ancestor and the William of Orange of the "New Venetian Party" tradition of the British empire itself.

The crucial point illustrated by that experience, is that British Liberalism's slimy system of ideology, when followed strictly according to the slippery slope of Liberalism's moral standards, forbids a policy of constructive actions among potential adversaries, as the expressions to be employed on behalf of actually human creativity, which must always be desired as an attempted general practice by society. I know that very well, as in my role as the original instigator and specialist in what President Ronald Reagan was to name "A Strategic Defense Initiative." I view those who opposed the SDI accordingly, still today, according to an excellent judgment on this point respecting the distinction between cases of necessary and unnecessary warfare.

The necessity of promotion of the organization of mankind among a system of cooperating, but respectively sovereign nation-states, rather than empires such as the present British imperial scheme for locking the nations of continental Europe into the slavery of a British "Euro" colony, means that the mere fact that we have come to a point proximate to warfare, does not mean that we should plunge eagerly into new wars, or continue, or renew certain old ones. A civilized modern society hates the idea of destruction associated with such as the Dionysian Nietzsche, and will tolerate much to keep doors open for cooperation aimed toward the appropriate "common aims of mankind." Such a precaution is most urgently required by what are regarded as "great powers," and is, especially, the obligation of those powers.

So, with the need to proffer "thanks" to Churchill and his like, there came the time, some decades later, after the death of President Franklin Roosevelt, when what was chiefly, a younger generation came into power, the so-called "Baby Boomer" generation. This was a generation which lacked the passion of my generation's war-time heroes, and were, therefore, thus, of a spirit more prone to that relative demoralization and decadence which spread all too readily among the victims of the post-World War II "Iron Curtain" ideology. This fault was especially true of those 1968ers of "Liberal arts" inclination, who had been born and reared, in effect, to become their part as a so-called "Baby Boomer" generation, a part of that generation which became, in large part, the rabidly existentialist elements of the so-called "68er generation" bred in the treasonous disposition of the wretched, post-World War II "Congress for Cultural Freedom."

Even among those "Boomers" who despised the worst of the tribe, there was a certain weakness, and tendency for sometimes disgusting moral vacillations, which has plagued even many among the better of today's "Baby Boomer" class.

Thus, with relatively rare exceptions, although the "68ers" generally tended to fail the standard for a "Gideon's Army;" they were, in the main, far less resistant to the "existentialist cultist" outlook of not only the anti-SDI effort; but, those we called the"68ers," especially those of the anti-science set, in large part, became more or less impassioned devotees of the same type of Nietzschean-like, so-called "environmentalist" de-generation which had been part of the build-up for Nazism in Germany from 1923 onwards.

Thus, the U.S. was ruined, in morals and will, by the extended warfare in Indo-China, a British imperialist policy made in the tradition of "The Seven Years War" 1756-63, a policy which could not have been imposed upon the U.S.A. except by aid of the assassination of

President John F. Kennedy. That, more than any other development of that time, ruined the potential otherwise to be expected, as among most of the so-called "Baby Boomer" generation.

I. The Truman-Churchill Syndrome

When considered in light of those social factors defined by the sundry reactions, for, or against the SDI project, there are essentially three principal factors to be recognized, as against the backdrop of two successive "world war" periods, which were at play in the context of the presently onrushing, general, hyper-inflationary "breakdown crisis" of the trans-Atlantic system.

The first of these, was the sudden and radical shift in U.S. morals and outlook, with the change from the leadership of President Franklin Roosevelt, to that of the wretched and habituated Wall Street crony Harry S Truman. A second was the assassination of President John F. Kennedy, which cleared the way for launching that Indo-China war through which the United States was virtually destroyed, that done to intended British strategic advantage against our United States. Third, was the effect of that assassination of Robert Kennedy, which cleared the way for the election of President Richard Nixon, the latter a consequence from which we have never really recovered to the present day.

The removal of President Nixon from office, did not reverse the massive damage to the economy and morals of the U.S. nation which had been lost in the aftermath of the assassinations of President Kennedy and his brother Robert. Damage continued under the Trilateral Commission's Carter Administration, and the ominous presences of Vice-President George H.W. Bush and Secretary of State George P. Shultz, were to be considered as exemplary expressions of ominous factors within the administration of the same President Ronald Reagan who had, repeatedly, sponsored the adoption of the SDI initiative which I had led in creating and pre-organizing.

That much said, now consider the actually perverse motives of the British imperialists and kindred sorts in the U.S.A. itself.

The most crucial of those effects, is located in the virtual simultaneity of the Nixon Administration's wrecking of the Roosevelt fixed-exchange-rate system; without that wrecking we could not have been destroyed in the manner that has been done since that time. It was no mere coincidence, that that Nixon Administration's action coincided with the British launching of the instrument by which that empire intended to destroy us: Lord Jacob Rothschild's 1971 launching of the Inter-Alpha Group, a.k.a. "BRIC," that done as the new financial-monetary instrument of a renewed, virtually world-wide British empire.

George P. Shultz's role in pushing through the sinking of President Franklin Roosevelt's creation, the Bretton Woods system, was an action under the Nixon Administration which was effectively coordinated with the formation of Lord Jacob Rothschild's launching of that new British Empire designed to bring the United States itself into ruins through the cancellation of Bretton Woods. George Shultz was brought to prominence as a successor to the man, the Arthur Burns who, as if miraculously, lifted Milton Friedman virtually "out of the mud" of apprenticeship as an accountant, to a nominal economist, as continued by the same Shultz of "the Chicago boys" dirty doings in Pinochet's Chile; the Shultz who, later, hauled the improbable Arnold Schwarzenegger into a California governorship blessed by Lord Jacob Rothschild, is of the same notability.

To understand the following three, specific aspects of recent world history, we must trace those developments, first, from their proximate origins in the circumstances of the evolution of the neo-Dionysian cult of what was known as, interchangeably, the Nietzschean cult of "creative destruction," "also known as," second, "the oligarchical principle," as the latter had been so known much earlier, during such times as the fall of the Persian empire, and, then, in the aftermath of the death of Alexander the Great, and, then, thirdly, the launching of that evil known as the original expression of the same Roman Empire which we have come to know as the cult-worship of the Sarpian (e.g. "Liberal") model of the British empire of today.

The root of the evil which that British empire of today typifies, is to be recognized in its role as being the relative center of the infection of a morally sick world system, a system which expresses the effect of presuming a world order expressing no respect for any true moral principle. By "true moral principle," I mean, and that most emphatically, a discovered, universal physical principle, as such true principles are typified by the uniquely original discovery of the principle of universal gravitation by none other than that follower of Nicholas of Cusa and Leonardo da Vinci, Johannes Kepler.

It were sufficient to have considered certain pre-

sumed alternatives to such notions of a truly universal principle, such as that Aristotelean presumption which underlies the fraudulent system of a-priorist presumptions of both an Aristotelean authorship of a Euclidean geometry, or the modern alternative to Aristoteleanism known as the system of British Liberalism derived from the neo-Aristotelean dogma of Paolo Sarpi and Sarpi's cheap and filthy imitation, the shameless hoaxster Adam Smith and his tribe.

So, today, it is the popular form of the social disease known as the presumption that we are each "free to choose" any among a collection of systemically opposed notions of the principles of society, that done under the dogma of showing "respect" for the choices of each cult, or the like, as if each might be contrasted as being presumed of essentially equal merit.

In fact, the only thing which might be considered as less evil than an arbitrarily presumed, and also false claim to truth, such as the fraud of Anglo-American Liberalism, is the willingness to accept one's stubborn ignorance of any actual notion of truth. The requirement of any moral society, is the rejection of any variety of what is merely an arbitrarily presumed truth, as a truth which might be defined, in favor of the effort to discover the true principles which are needed to bring humanity closer to the requirements for mankind's continued existence within our universe now, as that requirement permeated Nicholas of Cusa's celebrated **De Docta Ignorantia** (1440).

Truth exists; but, to become truth for us, we must discover it. To discover truth, we must exclude notions rooted in arbitrary, or merely taught presumptions. For me, in my professional practice as, in fact, a leading economist of my time, as in my capacity as a discoverer of a modern Riemannian science of physical economy, even the leading such during some times, the source of scientific truth is to be found ultimately in the deeply underlying implications of that science of physical economy which best defines the role of mankind within the universe.

To be specific on that account, it is known to us beyond reasonable doubt, that the continued existence of the human species at a given level of ability to continue to exist, demands continuing advances in the power to exist at even a present level of existence, can not stand still, but must be expressed in repeated advances which depend upon revolutionary gains in the domain of applied physical principles of practice. Those advances are exemplified by the standard of an increase of the relative "energy-flux density" per capita and per square kilometer of territory, an increase which is required to enable society to achieve a state of standing still or better, as such results are typified by a required rise in relative energy-flux density, per capita and per square kilometer of relative habitable area, as of areas being rendered habitable.

The fact, that the progress of mankind's societies requires, absolutely, a form of increase in the potential relative population-density of the human species which is rooted in promotion of physical-economic scientific and cultural modes of progress in the potential relative population-density of an anti-entropic mode of existence of society, is the most crucial of the general preconditions for not only a durable state of progress in the human condition in any society, but a form of progress in rising to higher qualities of mankind's condition in life, and powers to improve the universe in manners relevant to that desired effect.

Truth exists; but, to become truth for us, we must discover it. To discover truth, we must exclude notions rooted in arbitrary, or merely taught presumptions.

Pause now, for the span of at least a few paragraphs here, that much said thus far, to reflect upon a crucial question. Ask oneself: what is the unavoidable, deeper meaning of what I have just stated here on the authority inherent in a competent science of physical economy?

Man's Place in Our Universe

It is safely said, when competently considered as a matter of truthfulness, that mankind actually achieves the quality of being mankind, only through our rising, repeatedly, to higher qualities of existence, as that might be estimated in terms of increased energy-flux density per capita and per square kilometer of a standard quality of realized human power to exist on an equal or better level. Yet, although that is not an untruthful statement in any part of it, it is merely a useful description, and, therefore, falls short of stating the actual proof of what that statement imports.

The crucial paradox inhering in all of mankind's claims to knowledge of the universe, especially our knowledge of the true nature of our own existence in

that universe, depends upon the merely conditional, relative validity of that knowledge which is based on the experience of our own powers of sense-perception. Sense-perceptions are never the expression of the truth, as Bernhard Riemann warns us in his 1854 habilitation dissertation; sense-perceptions only take into account our experience of those mere shadows which have been cast by an unseen reality which is located only outside the department of mere mathematics, shadows located beyond the attributed limits of both the very large and the very small.

Our senses do not reveal the real universe directly, but, as the Christian Apostle Paul uttered this conception in **I Corinthians** 13:12: "For now we see as through a glass darkly [as in a mirror]…" Such is the import of what is often regarded as being the power of our senses, of sense-perceptions which are merely the shadows of that true object which has remained unseen for us, directly. It is by the unseen means by which actual progress for mankind comes to be knowably understood and experienced, that mankind distinguishes the human species known as V.I. Vernadsky's denizens of the Noösphere as a knowable state of specific existence.

It is through the combination of those highly fallible senses, including those beyond the illiterate's belief in the limits of a conventional list of five, that we might deceive ourselves into imagining that we know the universe we are experiencing. As we add other kinds of senses, including those crafted kinds specific to scientific instruments, we are thus enabled to adduce functions of a principled import, as typified by Johannes Kepler's unique discovery of the principle of universal gravitation, through which we may come nearer and nearer to the truths of the universe we experience. As it was for Socrates, in the end, we know best what we have actually come to know of our role in the universe, a role which is the true identity of ourselves, and of the self-likeness of mankind in general. What we are actually enabled to know with an always improvable degree of certainty, as Helen Keller did in her own fashion, is that this is our place in this universe, our action in and upon this universe, and its action upon our existence, in turn.

Thus, for us, the experience of being mankind is at the center of our experience of the universe. By intimation, we know the Creator with a specific quality of certainty, and, to the degree that we adopt the humility of that viewpoint, we are enabled to know more and more about the nature of ourselves. We are not mere observers of the universe; through the powers of willful creativity which are unique to mankind among known creatures, mankind is, for us, functionally, at the conceptual center of the universe; we are the essential, experienced reality, thus, of what we know, with all due humility, about that universe.

II. Octavian & the Cult of Mithra

Given our relationship, as mankind, to the universe, as in political-economy in the world as it is, in the main, today, we have, on the one side, the British Empire. That is an empire in its role as a present-day continuation of the monetarist, imperial system, a system born as the Roman Empire on the Isle of Capri amid the bargaining between Octavian and the priests of the cult of Mithra, there at that time.

Octavian, the first Roman Emperor (27 B.C.-14 A.D.) "No one can be considered competent in these strategic matters," LaRouche writes, "who doubts that that Roman Empire conceived on the Isle of Capri, is, by no means, a thing of the past."

That was also the continuation of the Roman Empire as Byzantium, and of a succession of "evolutionary stages," which has continued, to become, through the present day, a continuing monetarist tradition which the flag of the "New Venetian Party" of William of Orange, later carried into the British Isles and beyond. It is that modern, British, Sarpian, "New Venetian," nominally Anglo-Dutch guise of the originally Roman empire, which, in fact, represents the reigning world tyranny of this planet today.

The Roman Empire is, as it always existed, since its founding at Capri as a Mediterranean region's newly reigning monetarist system, one which would be extended later, by the Norman Conquest and the later trans-Atlantic colonization, to become, in succession, a trans-Atlantic, and, thereafter, a global monetarist imperium. That is an imperium to which we, of our persuasion, reacted by the creation of an opposing force in the world, a sovereign United States based on a credit system, as defined by the Preamble of our Federal Constitution, in opposition to the intrinsically imperialist monetarist systems of such as "Old Europe."

White House Photo/Joyce Boghosian

White House Photo/Pete Souza

London's monetarist parasites "have planted a crucial factor of moral corruption" among our top-ranking officials, including our recent Presidents. Above: George W. Bush; right: Barak Obama.

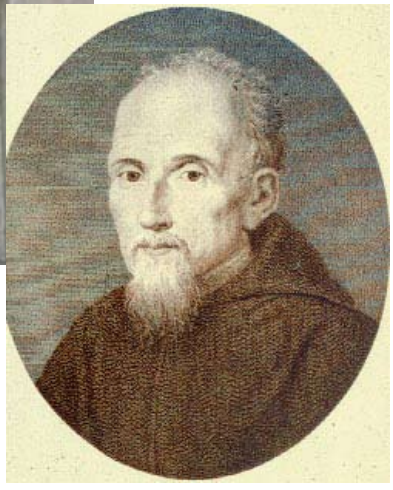
To wit:

No one can be considered competent in these strategic matters, who doubts that that Roman Empire conceived on the Isle of Capri, is, by no means, a thing of the past. That empire, in its presently latest incarnation, persists today as the central feature of the crisis of our entire planet presently. The issue takes the form, today, of the conflict posed to our U.S.A. as it is represented by our Federal Constitution, in our opposition to both the British stage of the Roman Empire which is the only world empire in existence presently, as also against our enemies of the agents of that empire working inside the United States, agents typified by the so-called "Wall Street" factor of often, shamelessly treasonous, or simply thieving British influence within our republic today.

It might be fairly said, that the power of the British Empire lies not in its possession of intrinsic power; rather, that it is tolerated as a virtually world empire, only because powerful nations, such as our own, implicitly powerful U.S. population, especially our presently leading political circles, among other credulous types, insist, at the present time, on playing the roles of dupes and fools.

On the opposite side, as represented by our often well-meaning, but frequently intellectually confused patriots, there is the American faction, a faction which had been, once, constituted, during the middle decades of the Seventeenth Century, under the leadership of the Winthrops and Mathers of the Massachusetts colony at that time. In between one time and another, among the adversaries of our anti-monetarist constitutions, there are those represented by, or merely corrupted by a leaning toward the British empire, that being so despite our republic and its Federal Constitution.

There, in such types as those, lies the virtual "Trojan horse" of London's monetarist parasites come among us. That pack of Anglophiles, or outright British agents, inside our institutions, constitute "The Third Man," typified by our nation's moral corruption by Wall Street and its Liberal hangers-on, which exploited the legacy of a common language, to have planted a crucial factor of moral corruption within our nation and even, from time to time, its top-ranking officials, such as the recent cases of George W. Bush, Jr., and the, mentally, critically impaired Barack Obama.



The Venetian Paolo Sarpi (right) (1552-1623) "tweaked" the Aristotelean, monetarist system to allow the continued domination of the Venetian, anti-Renaissance, method. Above is the "Lion's Mouth" in Venice, into which people could slip secret denunciations of their enemies.

I shall return to the subject of that same "Third Man," at a place below, where the crucial strategic implications of that figure will be detailed.

The present world reality is, therefore, that if we do not administer an immediately crushing defeat of the presently reigning British monetarist faction and its Wall Street agents, the penalty of our failure will be the chain-reaction-like breakdown of the social-economic system of the planet as a whole, and, as a presently threatened result of that, the resulting, worst known genocide against humanity in known history thus far.

In fact, the modern form of what has been identified as European and related "fascism," was a British creation, essentially a Venetian notion which the followers of Aristotle and Paolo Sarpi, successively, imposed upon the credulities of modern trans-Atlantic civilization. This latter development, was especially the case in the wake of the moral degeneration of British culture launched during the "Age of Walpole," and in the aftermath of that February 1763 Peace of Paris which established the continuing world reign of British imperialism.

It is to be emphasized, on that account, that the notable use of the name of "fascism," was begun in Italy as a Sarpian revision of the Delphi cult's Aristotelean doctrine of design for an imperialist system, a system which remained as one based on the oligarchical principle identified by Aristotle, but with a certain, small Sarpian adjustment, which I describe as follows.

Sarpi Adjusts Aristotle

The Fifteenth-century "Golden" Renaissance, was not merely a return to the ordering of the European society which had existed prior to the Fourteenth-century "New Dark Age." Once we have acknowledged that the effect, "The Heavens rejoice," of the great ecumenical Council of Florence incorporated a memory of the work of such as the Pythagoreans and Plato, there was, for known, earlier European culture, also a new, previously unknown element with characteristics which included certain discoveries of great principle by the Filippo Brunelleschi who crafted the otherwise impossible cupola of **Santa Maria del Fiore**, and who is known since for his relationship to the far greater scientific achievement of such works of Cardinal Nicholas of Cusa as **De Docta Ignorantia**.

Although the Florentine Renaissance's achievements were set back greatly in respect to public practice during the last period of Cusa's life, that Renaissance was a sweeping revolution with respect to all known physical science and statecraft prior to that time. Thus, when Europe was overtaken by a Venice-led return toward the systemic outlook of the adversaries of the Renaissance, something persisted among the followers of Cusa which defied the reactionary efforts of such predators as the Habsburg reign.

The culture of the Renaissance had been planted deeply into the new Europe of that time. Despite the repeated victories of the neo-Venetian predators of the late Fifteenth and Sixteenth centuries, we had, as the case of Machiavelli illustrates this point, a new element of social character of an insurgent people who had inherited much of the "Golden Renaissance" as if in their bones. The most notable expression of just that underlying change is located in the case of the Niccolò Machiavelli who appeared as the great exponent of the strategic principles which the Golden Renaissance had imbedded in the social culture and physical science of an emergent modern European civilization.

Among the most notable strategic effects of this

ironical development was the irrepressible effect of the Renaissance, a strategic effect most readily typified by the influence, and hatred against Machiavelli by those Habsburg-centered forces struggling in the attempt to eradicate the impact of the Renaissance. This was most plainly expressed in the stubborn failure of the prolonged exercise of the strategically failed Council of Trent. Machiavelli exemplified the source of the failure of the old feudalism of that time.

Hence, Paolo Sarpi and his revolution. Hence, the conflict between the legacy of medieval Venice's monetarist system, and the new Europe which would come to be expressed by the admittedly qualified triumph of civilization in the Treaty of Westphalia.

To grasp the leading features of that modern revolution in European culture, we must look back to such ancient predecessors of modern fascism as the ancient monetarist system of such figures of the Delphic Apollo-Dionysian cult as Aristotle. The great dramatist Aeschylus provides us a rather deep insight into these matters.

Institutions such as the monetarist cult of Delphi, projected an order within Mediterranean maritime cultures of that time which is most clearly delineated by Aeschylus' **Prometheus** Trilogy. In a culture defined as based on two general classes, a ruling oligarchical class of the so-called "gods," and the virtual slaves called "the mortals," Aristotle's doctrine prescribed a fixed quality of social order, within which the efforts of the so-called "gods," the reigning oligarchists, emphasized a world order in which the conditions and economic and social practices of the lower classes would remain unchangeable, lest the people, discovering the powers inherent in their own humanity, might break free, upward, from the status of permanent classes of slaves and serfs.

That oligarchical principle was carried into action under what had been the leading elements of the Mediterranean region's Venetian ideology of the Habsburg types. The Golden Renaissance, and its heir, France's Louis XI and his follower, England's Henry VII, had broken the chains of the slaves. Hence, the failure of the old Venetian party which had sought to turn modern, Fifteenth-century Europe back to the old oligarchical system of slavery and imposed stupidity. Hence, the Aristotelean tragedy of oligarchical Trent. Hence, the opportunity created for a new oligarchical system, one which abandoned the stricter, traditionally Aristotelean form of oligarchical tyranny, in favor, not of actual freedom, but, rather, of the depraved licence in the new system of the followers of Paolo Sarpi represented by

The tyranny of King William III of England (William of Orange, 1650-1702) became the mechanism by which the old Roman Empire transferred its principal residence to the New Venetian Party, headquartered in London.

the new imperialism built up, as largely Protestant (nominally), for reason of its rejection of the old Mediterranean form of oligarchical tyranny, in favor of the new form of tyranny centered still in old Venice, but which expressed itself most clearly in the nominally Catholic Anglo-Dutch Liberalism of Seventeenth-century England under the reign of the Stuart dynasty. The failures of the Stuart dynasty, which are chiefly to be traced to the reign of the mad human butcher known as Henry VIII, had led to the assertion of power over England by the elements of the New Venetian system which had been built up in the bastions of the Netherlands through the effects of the Spanish Habsburg Inquisition and its ultimately failed tyranny. The full takeover of England by the tyranny of William of Orange, became the mechanism by which the old Roman Empire transferred its principal residence to the New Venetian Party now led under the William of Orange who occupied England and butchered the Irish.

Hence, the British Empire as the new incarnation of what was, essentially, the same-old same-old of the oligarchical form of imperial maritime culture which had been represented by the Delphic system of such as Aristotle, et al.

Such was the primary legacy inherited by such notable figures as Winston Churchill's sometime crony Benito Mussolini and the like; but, nonetheless, fascism-in-fact goes back to an oligarchical tradition as old, or older than the Apollo-Dionysus Delphi, maritime form of monetarist cult of imperialism. Thus, Mussolini had revived the Roman symbol, the oligarchical principle of such expressions as Barack Obama's "Wall Street" gods today, and called it "fascism," a term originating in the virtual regimental emblem carried ahead of the Roman legions along the line of march.

This brings us to the essential included fact contained within the following brief account of the last days of Benito Mussolini.

Brown Brothers, Mussolini, Harriman, Churchill, and Prescott Bush

Once the Venetian Volpi de Misurata's buffoon-like ruffian, Benito Mussolini, had come briefly into the leading role in creating Italian fascism into that cult of what became known as modern "fascism," that cult was spread into Germany, and other locations, such as the elements of the Liberal system of Fabians such as H.G. Wells and Bertrand Russell of the United Kingdom itself. This had included the role of the notable British Fabian Society asset, Frederick Engels, who blessed British arms peddler Alexander Helphand (i.e., "Parvus" of "permanent warfare, permanent revolution" notoriety) sent into the Balkans region as an adjunct to the role of Venice's Giuseppe Volpi (later di Misurata), the creator of the Benito Mussolini dictatorship.

The creation of Mussolini out of something reputedly much less respectable than mud, was made possible through much support by British imperial support from leading British Fabian and related circles. A British corruption with fascism, which was spread throughout continental Europe, as shown by evidence such as Winston Churchill's shamelessly, rather long-standing, and still embarrassing affinity to Mussolini, attests: only which was the more evil than the other, remains in worthwhile dispute. *Thus, we have, similarly, the fact of the explicit British support, by both the Bank of England and such as New York's Brown Brothers Harriman, and their Prescott Bush, who funded putting Hitler into power in Germany, as this was continued, like Churchill's skein of sponsorship of Mussolini, until the Nazi over-running of France in 1940* prompted such as Churchill to "adjust," rather than exactly "change," their minds about Britain's affinities to Hitler.

Originally, the British and French backing for Adolf

Churchill on Mussolini

Speaking in Rome on Jan. 20, 1927, Winston Churchill, who was then Britain's Chancellor of the Exchequer, had this to say about Italy's Fascist "Il Duce," Benito Mussolini:

U.S. National Archives

I could not help being charmed, like so many other people have been, by Signor Mussolini's gentle and simple bearing and by his calm, detached poise in spite of so many burdens and dangers. Secondly, anyone could see that he thought of nothing but the lasting good, as he understood it, of the Italian people, and that no lesser interest was of the slightest consequence to him. If I had been an Italian I am sure that I should have been whole-heartedly with you from the start to finish in your triumphant struggle against the bestial appetites and passions of Leninism.

I will, however, say a word on an international aspect of fascism. Externally, your movement has rendered service to the whole world. The great fear which has always beset every democratic leader or a working class leader has been that of being undermined by someone more extreme than he. Italy has shown that there is a way of fighting the subversive forces which can rally the masses of the people, properly led, to value and wish to defend the honour and stability of civilised society. She has provided the necessary antidote to the Russian poison. Hereafter no great nation will be unprovided with an ultimate means of protection against the cancerous growth of Bolshevism.

Hitler and his Nazis, had been premised upon the strategic delusion that Hitler would march eastward, through Poland and against the Soviet Union. Then, after that, it was presumed that a bled German nation would become easy prey for the Anglo-French forces lurking behind the Maginot Line's "Western Barrier." (Meanwhile, it was presumed that the Japan naval forces would destroy that U.S. Pearl Harbor base which Britain and Japan had agreed to attack, since the early 1920s, as soon as the time was deemed ripe.) However, the strong fascist tendencies within certain leading government circles in France, had wittingly left open the gate for the Wehrmacht armored divisions. With France defeated, a beleaguered Britain howled for American succor, and Japan soon carried out the attack on Pearl Harbor which Japan had agreed to do, earlier, in partnership with Britain.

Benito Mussolini and his mistress, Clara Petacci, April 29, 1945. The documents that Mussolini's party had been carrying in their race to the Swiss border mysteriously disappeared, to Churchill's undoubted relief.

Then, with the "fall of France," that same Britain which had created modern fascism, and had led in backing Adolf Hitler, had suddenly changed its collective mind, following the unexpected fall of France to the Nazis, to fight the fascist menace insofar as it had become a continued immediate threat against the British empire, if that only temporarily.

For example:

So, the time came, when Benito Mussolini, accompanied by his mistress, was racing his automobile and its attached trailer toward the Swiss border, aimed thus for an intended meeting with the Winston Churchill ostensibly awaiting his arrival there. In the trailer attached to Mussolini's automobile was a mass of documents, documents whose significance could not have been much in doubt, considering the circumstances of that moment. Mussolini never reached the border, but turned up, hung upside-down, hanging out, beside his dead mistress, in a gas station en route to Milan. The documents which the members of Mussolini's party had been carrying fearfully in their lunge toward the Swiss border, had somehow disappeared, documents to turn up, much-culled-out, to appear at a later time, with the fuller complement of that collection not to be seen again in public. Winston Churchill was thus spared the experience of a most curiously inconvenient political moment in his career.

The fact is, that the fascist system which was copied as a political system by Mussolini and others, was actually a product of what had been, long ago, the creation of an imitation of that Roman Empire of the Caesars whose military forces were rallied about the symbol of the symbolic bundle of sticks carried in the vanguard of the marching Roman legionnaires. The past century's Fascism was then, as in ancient Roman times, and still today, always a "Wall Street"-like concoction derived from that image of the Roman imperial model, a model which was also to become known, in due times, as that of Byzantium, and, later, that of the old Venetian empire of the "middle ages," later, and, still later, the modern neo-Venetian Liberalism of Paolo Sarpi and his "New Venetian Party's," Anglo-Dutch devotees of the trans-Atlantic regions still today. And, so, begat and begat, and on, and on.

Meanwhile the official fascism of 1930s Britain, remained essentially a product of the Fabianism of the like of such British agents recruited by help of Frederick Engels as "the infamous Parvus," he, as I have already noted, above, as also known as the Alexander Helphand hosted by the Fabian Society's Frederick Engels, working on behalf of the leading British arms traffickers, and the marketing of credulous Helphand dupes such as Leon Trotsky. Why should that consequence appear as anything but a natural consequence of the tradition which the New Venetian Party of William of Orange carried into the outcome of the February 1763 Peace of Paris?

The definition of this latter phenomenon is as follows.

There is nothing obscure about this, once you have taken possession of the relevant actual facts, including an, unfortunately, still rarely understood, but crucially important phenomenon of "monetarism," as distinguished from the physical credit-system of our U.S. version of an anti-Liberalism, truly republican society.

Creative Commons/antmoose

Symbols of imperial authority, then and now. Left: the fasces, the ancient Roman emblem of authority revived by Mussolini (the "M" is for Mussolini), in the Foro Italico (formerly Foro Mussolini) in Rome. Right: The logo for the euro, at the European Central Bank headquarters in Frankfurt, Germany.

What we call "European history," either as a culture on the rim of the Mediterranean and related waters, or extended throughout much of the world in latter times, as under the medieval and modern Habsburgs and the Anglo-Dutch modern imperialists, is the following.

Roots of the Homeric Legend

What we have rightly called modern fascism, apart from silly uses of that term as a "blind" epithet, has been a product of what is reported by the Homeric **Iliad**, and known in the successive times of Aeschylus and Plato, as "the oligarchical principle." The key to understanding this, is the distinction made, in such locations, between "gods" and "mortals," as the Homeric legendry is clarified by such sources as Aeschylus, as that separating men who called themselves "gods" and those denounced as virtually "human cattle."

This arrangement, expressed those ancient (and, also, modern) oligarchies lording it over those classes of persons reduced to the "cattle-like" status of slaves or serfs, Africans in general, or the wont of the specific quality of the present-day victims of such as U.S. Presidents George W. Bush, Jr., and Barack Obama. It is the same "oligarchical" distinction associated with traditions within the European oligarchies to the present date.

The tradition of Roman imperial law, which is a variant of the same principle of depravity as the present British Empire of Lord Jacob Rothschild's Inter-Alpha Group, is a society which is organized as an empire whose most notable, commonly defining quality of monetarism, is that it defines a supreme authority reigning over a number of subject kingdoms, or the like. Such is the relevant definition of the true meaning of "empire" today. In such systems, whether of the Asian or European model, the power to make law is implicitly restricted to the authority of either a designated emperor, or the like, whose will reigns over the mere kings, or the like, of the individual "nations."

The notion of a "post-Westphalian" society, such as a "post-Westphalian" continental Europe under the intended reign of a British imperial captive called the "Euro," is an aptly chosen replica of the principle of the ancient and modern forms of imperialism. The cult of worship of the prospect of a Post-Westphalian society today, expresses the intention of producing a fascist society with Hitler-like potentialities intrinsically included.

The characteristic, principled feature of all empires based on a maritime culture, such as the Roman empire in its original form under Augustus Caesar, is a supreme monetarist principle which has never been diminished in its essential quality of sheer evil, to the present date. The maritime empire's primary quality of its own defining function, is a system of monetary rule exerting control over elements of those mere "kingdoms" which compose the parts of that empire, as in Britain's prescribed role for the underlings of the European Union's "Euro" today. The price of an authorized, supranational form of "money" as such, such as the one-time British imperial "gold standard," reflects the characteristically monetarist feature of an imperial form of oligarchical rule, that under the oligarchical principle, over the subjects of the imperial system.

This oligarchical system, as it was expressed, typically, by the pact struck between King Philip of Macedon and the Achaemenid empire, is a case which illustrates the basis for a system of monetarism based on what both of those ancient imperial parties regarded as "the oligarchical principle." As the 2006-2011 "bail out" of Wall Street and London attests, monetarist notions of economy do not rely upon any actually intrinsic value attributable to production of useful wealth; the

monetary function is essentially a mechanism of political forms of social control of the empire as a whole, that in a form of monetarist rule over the actual or virtual "mere kingdoms" which the reach of the imperial authority subsumes. The debate among monetarists is not a debate over principle; it is a debate over the choice of method by which the intrinsically imperialist swindle called monetarism is to be applied.

The characteristic of a society of an imperial form is expressed in the following two leading practices of social control.

The first of these two, is control over the imperial domain as such. The second is social control over the permitted size and conditions of life assigned to the designated elements of the subject populations, exactly as the evil Prince Philip's World Wildlife Fund (WWF) prescribes his program for what could not be practiced by any means but genocide, genocide practiced throughout the planet today.

The case of the formation of the ultra-Malthusian World Wildlife Fund (WWF) of Britain's Prince Philip and the late Prince Bernhard, is typical of a system of "managed genocide" applied to control of the numbers and quality of existence of the members of the imperial world-realm. The latter tactic is a method of population-control employed in aid of the intention to prevent the emergence of forms of higher intellectual development of a population, when applied as a method of controlling the exploited population by keeping the subjects under conditions in which they are made to become relatively stupid, and by controlling the members of the ruling class itself by promoting more or less depraved moral characteristics, as was done to many Britons during "The Age of Walpole," not only as among the ranks of the oligarchical class itself.

For example: the entire expansion of the national debt of the United States since prior to time of the J.P. Morgan firm's tool Alan Greenspan's term as Federal Reserve Chairman, has been designed to promote increasingly wild monetary inflation, using essentially fictitious forms of money as virtually mere "scrip," all done to such a degree that worthless scrip is now outstanding amounting to trillions of dollars of U.S. artificial, fraudulent debt, a mass of "Monopoly-game money" which, if honored, would bring about both a cyclical destruction of the economies and a moral stupefaction, and misery, of the general population, as we have witnessed precisely this form of tyrannical corruption under Greenspan and his incredibly pathetic and yet also vicious successor, Bernanke. The trillions upon trillions of nominal U.S. dollar value of an essentially fraudulent form of burgeoning debt, typifies the monetarist outlook taken to its desperation-driven extremes.

III. A Ruinous U.S. Indo-China War

Now, our discussion will move, step by step, into some profound matters of universal physical principle in economy, proceeding here from what may appear, to most, to be simple beginnings. Therefore, think of the initial portions of this present chapter as being tantamount to "stage settings." Therefore, my task, in this present chapter, is to make that which is simple appear simpler, so that that which is not simple could be distinguished in a way of being better, not only to be better understood, but understood, we may hope, correctly.

Consider, first, the relevant history of the United States under the misdirection of President Harry S Truman and, then, by the pattern superimposed upon the U.S. Presidency since the assassination of President John F. Kennedy, to the present time.

Right in the middle of any competent such investigation, we are confronted with the unignorable issue of the fraudulent, but widely popularized swindle known as a "Second Law of Thermodynamics."

We are presented with that complication in the following way. Turn, now, to one of the most crucial pieces of evidence which brings that issue into focus now: the great down-slide of the U.S. economy which has dominated the trans-Atlantic world since the after-effects of the assassination of President John F. Kennedy.

President Kennedy's administration had shown a highly significant pattern of upward change in policy-shaping, in the direction of returning from the wretched U.S. policy-impetus of Harry S Truman, to return to that which had been a familiar impulse under President Franklin Roosevelt earlier. This quality of change under Kennedy, was clearly President Kennedy's intention, as President Roosevelt's widow, Eleanor Roosevelt, had indicated in a general way. This upturn, which had been successfully promoted by President Kennedy's relevant actions, placed him into a direct collision with what had been President Truman's intentions, as also what had been President Kennedy's unwholesome opponent, Richard Nixon, in the 1960 election campaign.

The British empire, and that empire's fellow-trav-

FDR Library

Eleanor Roosevelt with Presidential candidate John F. Kennedy, Oct. 11, 1960. She saw in him the intention to revive the impulses that her husband, Franklin Roosevelt, had represented.

eler, "Wall Street," had been determined to push through, and maintain, policies which had been designed to ruin that same Franklin Roosevelt legacy which President Kennedy upheld in word and practice. Kennedy's and General Douglas MacArthur's stolid opposition to a U.S. adventure in Indo-China, is the most typical of the crucial issues on which the long-ranging economic fate of the United States depended, in fact, at that time.

So, it should have been no surprise, that the successfully attempted assassination of President Kennedy, and the essentially unnecessary Indo-China warfare which Kennedy and his advisor General Douglas MacArthur had blocked, soon sent into reverse what had been, briefly, the Kennedy-led U.S. recovery. Despite President Lyndon Johnson's firm, 1964 intent, to proceed with the installation of the great NAWAPA reform, that reform had died, as if "on the vine," under effects including the great economic wasting caused by the totally unnecessary, and ruinous continuation of the U.S. war in Indo-China.

What remained of President Kennedy's intention, was evidently supported, in at least many aspects, under President Johnson; however, with the fading away of NAWAPA's prospects, under the pressures of the escalating demands of the Indo-China war, only the continued progress in the Kennedy space-program supplied what might be considered as a "corrective," upward factor, and that only temporarily, and in waning degree. Behind the scenes, even the Moon landing could not continue to conceal the fact, that the space program, too, was suffering an accelerating rate of attrition, a downward trend which would show itself clearly under the 1980s conditions presented to the administration of President Ronald Reagan, as in the instance of the "O-ring" catastrophe.

So, contrary to all of the statistical and related sleight-of-hand since the mid-1960s, the trend has continued in a downward direction to the present time. Since the mid-1960s, there has been no factor of net progress, in total, or net technological progress, or, even a serious effort to halt the rotting away of what was called the "infrastructure" of the U.S. economy, since approximately the middle of the 1960s. The current report of Philip Angelides' Federal Financial Crisis Inquiry Commission, has become virtually a map of the history of those confirmed economic forecasts of crisis-points, and their neglected, but prescribed remedies, for the U.S. economy which I had delivered over the three recent decades, which are now to be added to similarly confirmed, earlier forecasts dating since August 1956.

A Fraudulent Image of Technological Progress

Even now, there is still significant confusion, in addition to an outrightly fraudulent chatter about the matter of alleged "technological progress" in the U.S. economy.

Most of such chatter, even before the incumbency of the Barack Obama Administration, had been purely intentional fraud; but, in some other cases, the statisticians in question have managed to deceive even themselves, wishfully, through increasingly incredible, practically fraudulent fallacies of composition. The processes leading into the catastrophic "bail out" practices of 2008 and beyond, have been the more obvious of the expressions of such an already earlier trend since the Russian bond crisis of 1998. The allegations of some sort of economic recovery since that time, never could, and never would reach beyond merely some persons' wishing to talk themselves into believing a now proven fraudulent, but consoling set of fairy-tales of promised virtual travels through a never-existing, eco-

nomic paradise.

In fact, ever since the attempted impeachment of President Bill Clinton, the U.S. economy which would come under both the George W. Bush and Barack Obama administrations, has never moved in any direction but down, down, and still ever more rapidly down, into the imminently fatal, present condition of that pattern of a plunge into national bankruptcy, to which Philip Angelides' Commission refers. Only what may be fairly described as "the economic fungus" of technical games-of-play in economy, has grown.

Growth in a national economy can be competently defined only by premising the making of growth, chiefly, on the assessment of the quality and quantity of development of what is loosely identified as "basic economic infrastructure," or what I had recently decided to identify, for the sake of precision, as "platforms." These platforms are fairly measured, in their effect, in terms of *relative energy-flux-density* of the power employed for the national infrastructure on which the processes of what is actually net increase of the output of production and care of the people depend. As my associates of "The Basement Team" have now documented the essential chemistry of the anti-entropic pattern of the development of life on our planet, into an oxygen climate, and the development of the "ozone layer" on which the higher forms of life on our planet depend, the so-called "Second Law of Thermodynamics," was and remains nothing but a willfully fraudulent hoax.

The actual measurement of the sundry cases of the progress, or the decline of human life on this planet, are to be defined scientifically, as depending upon the factor of the rate of the combined net increase of the energy-flux density and the rate of realization of the *net productive output*, per capita, and per square kilometer of the economy in the large. The notion associated with the term "realized energy-flux density of capital-intensive investment in physical production, per capita and per square kilometer" were a preferred sort of convenient "yardstick" for conducting the relevant discussion of the transformations which have occurred within the context of mankind's changing condition of existence thus far.

For example, every investment in windmills and solar collectors as sources of power deployed, lowers, more or less savagely, and deeply, the rate of net output and potential productivity of the economy as a whole, whereas the increase of the mode of energy-flux-density always corresponds to increases of the relative productivity of the economy essentially. Worse must be said of the flood of contemporary forms of entertainment and other substitutes for physical productive investment, in respect to the challenge of increasing the capital-intensity and energy-flux-density of investment in an extended base-line in capital formation throughout the economy as a whole.

On such accounts, there has been no net increase, physically, in the long-term productivity of the U.S. labor force since the 1966-1967 middle of the 1960s. A long-term, and accelerating decline in basic economic infrastructure since the mid-1960s, shows this most directly, and most clearly. What is claimed to have been other forms of investment in technology has been, predominantly, an implicitly childish fantasy.

It is not sufficient to quote alleged attempts to improve the economy; it is essential that the claims be subjected to the standard of a physical economy, rather than something equivalent to a Wall Street puff. For example, consider the following matters.

"Energy Flux Density"

In elementary physical chemistry, the notion of energy-flux density has a simple kind of general meaning, a meaning to be expressed in terms of both the quantity and density of the various levels of heat-action associated with the physical combustion of compared types of fuels. This may be illustrated most conveniently, by the progress of cultures secured through the progress from the simplest fuels, to wood, to charcoal, coal, coke, petroleum, and so forth, and onward and upward to fuels of nuclear fission, thermonuclear fusion, matter-anti-matter reactions, and so on.

Continuing to put the case in the relatively simpler cases of such fuels and the like, we have, already, a rather simple classroom model used to show how contemptibly poor the quality of what has been heralded as "wind power" is, relative to even the otherwise most simple examples of alternatives. In fact, the competitiveness of windmill-power is so wretched a contender, that even by awarding that virtually worthless technology the most inflated, relative prices per kilowatt-hour for modern windmills, the life-cycle of a windmill is a net loss for the investor from the construction of the unit, from manufacture, installation, maintenance, and take-down over the entirety of the device's "life cycle."

The inherent wastefulness of "solar collectors," is a bit more interesting.

U.S. Navy/Spec. 3rd Class Barry Riley

The inherent idiocy of solar power includes the fact that solar panels placed on rooftops create a special peril for firefighters. A firefighter who attempts to access the roof by chopping his way through the panels can receive a deadly electric shock.

What the solar collector is "consuming," is the same radiation which would usually be captured, instead, by plant-life whose function is expressed, most notably, for example, for popular consideration, by the innately characteristic action of chlorophyll. Whereas solar collectors are most useful in creating the expansion of very widespread areas of desert (if that were your foolish intention), whereas, on the contrary, the use of relevant plant-like life, such as leafy vegetables, bushes, and, trees, uses the principles of life to increase the product of solar radiation, that many, even very many times greater than the essentially useless solar collectors, whose net cost-benefit ratio is economically negative. Moreover, the transformation of deserts into rich and relatively cooled land, through the action of chlorophyll, contrasts with the production and heating up of arid deserts by solar collectors.

Worse: the placing of solar collectors on rooves of urban residential regions (in particular) creates a kind of fire-trap whose fires no sane fireman would dare to attempt to extinguish, at the very peril of his life! An entire neighborhood so endowed, is, implicitly, a horribly doomed situation. Moreover, in net cost, such technologies are, comparatively, rotten net investments of a type which should be authorized for no one but for the education of excessively wealthy fools in the principles of prudence, the better that they should part with their excess of money to such ends.

Such fetishes of our so-called "greenies" have one essential use for society: to reduce the density of the inhabitants of a territory inhabited by those dumb enough to be lured into relying upon such foolish, low energy-flux-density choices of sources of power. Not wishing such stubbornly foolish folk to suffer from those errant practices, I am impelled to suggest considering psychiatric help for those foolish enough to select such sources of power for themselves. The effect to be avoided, is to be compared to the evils implicit in suggesting to children that they amuse themselves with ordinary kitchen-matches as a force against boredom whenever the adults of the household are away.

The discoveries in the physical chemistry of both living and non-living processes, under the leadership of Academician V.I. Vernadsky, remain the only competent standard of reference as a precedent, so far, for a rigorously scientific investigation of the processes which regulate life on our planet, and beyond.

That much said here to prepare for the discussion of weightier aspects of this subject, I now turn our attention to the deeper implications of the general discussion of the role of power in economy.

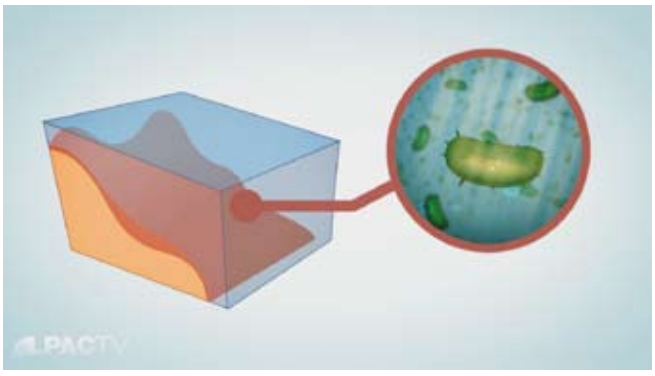
The decisively greater part of society's technology depends upon "raw materials" which are available to society in the form of organic debris left behind by the deaths of vast numbers of tiny units of vegetable and animal matter, as the case of the mining of iron ore, as in a certain region of the North American Great Lakes, illustrates this point. The richest concentrations of iron ore may be deposits of that character.

The science required for this and related purposes has two phases. One, as the case is presented by Cody Jones' summation in his LPAC website report:[2] that is the history of life on this planet prior to the appearance

2. www.larouchepac.com/node/17323

FIGURE 1
Earth's Early Biosphere Created Its Own Potential for Growth

a) *Photosynthesis in a one-celled aquatic organism*



b) *Early aquatic bacteria were killed off by the oxygen they themselves produced, and their bodies drifted down to the sea bed.*

c) *The development of cyanobacteria was a step forward: They were not poisoned by oxygen, and so they produced much more of it than the creatures that lived before them. Some of it escaped from the ocean into what was becoming the atmosphere.*

d) *With abundant oxygen in the atmosphere, an ozone layer formed, protecting life forms from the ultraviolet radiation that bombards the Earth.*

Video interview with Basement Team member Cody Jones by LPAC-TV editor Michelle Fuchs, "The Science of Glass-Steagall," Jan. 26, 2011, http://www.larouchepac.com/node/17323

of mankind, a development secured through the process of development of the oxygen atmosphere and into the appearance of the protection of the ozone layer which had permitted higher forms of life to appear. The appearance of an actual economy on Earth, is defined by the effective means for the continuation of the development of life on Earth by the appearance of the role of the creative powers of the human will, the turn to a planet whose characteristics and destiny are being shaped by what V.I. Vernadsky defined as the Noösphere, the creative powers of the individual human mind.

Under the reign of the Noösphere, and that more or less inevitably, the miners give their special attention to locales in which the accessible concentrations are relatively the richest. To enable miners with access to a poorer density of ore to become equally productive, or even more productive than during the use of shrinking supplies of what had been richer lodes, it is important to introduce improved technologies, whose relatively higher energy-flux density, would enable miners with poorer qualities of deposit to match the net productivity of the miners with the richer qualities of deposits.

Do not underestimate the portion of such "ores," once living processes of our planet had been found reasonably near enough to the surface to be presently used by mankind. The particular point I am emphasizing at this moment, is the foolishness of the cult-worship of a notion often referred to as a "Second Law of Thermodynamics," a very foolish belief, indeed. Mankind's advances in technology, notably progress defined in increases of employed energy-flux density of applications,

reflect natural processes in an intrinsically growing and developing (i.e., anti-entropic) universe. Mankind's successes in the economy of production, enable us to overtake the rate of entropy through practices which supply an increase of anti-entropy.

Much of the sillier sort of belief associated with the cult-chatter about the so-called "Second Law," is encouraged by another popular, but also essentially silly belief, whose true believers base their arguments in favor of universal entropy on their presumptions such as that of the existence of empty space, as distinct from a universe more fairly represented by the notion of a universe of a physical space-time super-dense with cosmic radiation, a universe in which what are customarily referenced as "particles," are better identified as singularities "sticking out" in a very complex domain of cosmic radiation of many origins.

To make the implications of the relevant point clearer, let us now take the subject in a slightly different direction, temporarily. That preferred subject is the nature of the social doctrine which is, in fact, chiefly responsible for the tendency of many, still today, to overlook the sociological implications of the conception of a "space filled with cosmic radiation." The subject will now be part of a report based upon my speciality as one of that presently rare profession of physical economist who deals with the problems caused by the illusions of what most people today, regrettably, still view as "sense-certainty."

The Illusions of Sense-Perception

The greatest obstacle to sanity about science has been the widespread, foolish belief in what is identified as "sense-certainty," the foolish persuasion that reality is that which the senses are presumed to show us directly. Not only is it the case, that the customarily identified sense-perceptions are not a representation of what is actually "out there;" they are very far removed from being a direct representation of the actual sources of our experience.

The beginning of a competent science of physical economy on this planet, occurs only when mankind takes into account the fact, that the "famous five senses" are not direct evidence of the human experience, but are like mere shadows cast by an unseen reality. Even to the extent that the use of those greatly misunderstood five senses themselves, serves a useful function for a mankind bungling its drunken-like way through the experience of life, the worst consequence of belief in a popular, naive notion of sense-certainty is, that that belief itself suggests the mistaken presumption, that sense-perception is the location of the identity of the individual human personality. Over the course of the recent decade, I have devoted much attention to warning against that commonplace error born of childish belief in the popular notion of sense-certainty.

I have emphasized that even to the extent that some reliance on sense perceptions is useful, even unavoidable, the fact is, that human existence depends absolutely on a resource which is entirely lacking in all other known living species. That resource is the power to discover the universal physical and related principles which actually determine mankind's ability to exist as mankind within accessible terms of reference for known expressions of human life today.

The most crucial of those relevant observations on the subject of human life, is mankind's manifest ability to generate advances in the power of mankind to exist, advances which depend absolutely on those same powers of the imagination specific to what is known to us as the human mind, powers which generate the anti-entropic effects of the net discovery of universal physical principles. As Cody Jones' website report has outlined the case for pre-human states of life on our planet, as being a chemistry of anti-entropic development, so, the appearance of the noëtic powers of the individual human mind has taken over from what had been, earlier, the monopoly expressed by dumb plant and animal life, willful development, in the sense of superseding the anti-entropic transformation of our planet and the nearby universe by simple forms of life, accomplishing this superiority of effect performed by the human creatively willful imagination, done through the creative faculties presently known to physical science as the noëtic powers unique to the human will. The latter cases are those of such as a Johannes Kepler and Albert Einstein, in defining both the principle of universal gravitation and the deeper implication of that discovery: that the universe is finite, but not bounded, in other words, intrinsically noëtic in the language of even a relatively simple notion of the physical chemistry sampled in Cody Jones' website presentation.

The trouble is, that while competent physical science, such as that which produced the science of chemistry to which Cody Jones' website documentation refers, shows us that the characteristic feature of the emergence and continuation of higher forms of life on Earth, has depended upon a well-documented history of

chemistry, on what is actually the "virtual religion" of a body of scientific opinion which is descended from such origins as the priesthood of ancient Babylon. That is a tradition which dominates not only much of the world's present religious belief, still today; but, it also dominates both political life and much of those teachings of what usually pass for science itself. Much of what has continued to be taught as political science, as the doctrine of economics, and even at the highest level of the social authorities reigning over science today, is a by-product of a widespread variety of efforts to placate some strange and also very wicked sorts of religious beliefs, a kind of religious belief which has not concealed the fact that it is based on a religious doctrine derived from the notion of a universal principle based upon the practice of some form of virtual, or of actual slavery. Such is the still dominant role of reductionist philosophies throughout most of our planet now.

EIRNS/Claudio Celani

In the main, thus, modern society has not been based so much on science, as that it has avoided much needed, therapeutic attention to the fact, that, to a large degree, what is presented in the misused name of science, is polluted with the leftovers from ancient religious superstitions which have been a bad choice of practice for mankind.

So, to a considerable degree, science itself has been governed by its own genuflections to the overreaching power of an ancient, and evil religious opinion, an oligarchical religion of masters and slaves of the types familiar from much of what has been prevalent worldwide, but more familiar in the experience of European historians as the cult of "creative destruction." Such is the cult of "creative destruction" which was otherwise known as the cult of Dionysus, the cult associated in the history of European culture with the Apollo-Dionysus cult of the temple of Delphi. Thus, we have the so-called Delphic method, a method which tends to dominate the teaching of science in European culture as much as anything else.

The present problem which confronts us, lies in our continuing efforts to discover more fully how mankind developed what we have inherited from generations earlier than the onset of the cyclical tendency for temporary melting of the most recent general glaciation in the Earth's northern region (while other parts freeze "unseasonably") pending the presently onrushing tendency for a scheduled "new ice age" presently in progress. The problem there, is that what we are enabled, thus far, to trace as the forebears of European civiliza-

tion prior to about 19,000 years ago, is of a shadowy character. Yet, the irony is, despite that shortfall respecting knowledge of more ancient times, we do have some relatively excellent knowledge from more recent sources, of the pathological elements which had been carried over into known history from developments during the preceding period of glaciation into known cultural developments within the bounds of known history, without knowing much, heretofore, about the actual root-origins of such relatively recent traditions of the so-called historical periods.

On this latter account, I refer, most emphatically, to the legacy which Aeschylus attributed to the oligarchical dogma of that Olympian Zeus of the **Prometheus** Trilogy. There is no reasonable doubt of the fact that all of the essential evils of what is known variously of very ancient, medieval, and modern times, alike, are the persistence of what can be fairly described as a Whore of Babylon-like "oligarchical model," as such a model was represented, dramatically, by Aeschylus, and represented by such forces of pure evil as the ancient Apollo-Dionysus, oligarchical, maritime cult of usury, at Delphi.

What we know on this account, is chiefly the following.

The Religion of the Slave-Holders

As we turn our attention to the process in the Mediterranean region and its surroundings since the beginning of the retreat of the last great ice-age, there are spots in that history, such as marked by the great Pyramid of Egypt and, later, the Pythagoreans' heyday, which show brilliance; but, the periods of the great wars such as those between Egypt and Mesopotamia, are heavily burdened by the types of madness associated with numerous more or less "dark" ages, in the quality of much of that civilization as a whole throughout the Mediterranean and its littoral. The elaboration of that aspect of the history is now a suitable subject for detailed elaboration of the situation, overall, in this report. The single point to be emphasized among us for this occasion, is the role of depraved systems of religious belief which are a factor of recurring damnation throughout much of the history of the period typified, in character, by the Peloponnesian War and its aftermath as treated by such insightful scholars as Aeschylus.

Without deprecating the work of the archeologists, there is what may be classed best as "internal cultural evidence," evidence bearing on included considerations of physical science and also political and cultural history generally. The seeming murkiness of the evidence bearing on the origins of what are included as religious traditions, can be overcome, if we include and apply the methods of scientific inquiry to the most crucial of the rather well-known cultural issues bearing on the roots of certain systemic aspects of religious and related beliefs. That is illustrated in a useful way by the inherently fraudulent attempt to substitute the appeal to the method of reductionism, as in the Titius-Bode construction in mere mathematics, for the discovery of the universal principle of gravitation by Kepler, or the treatment of Kepler's discovery by Albert Einstein.

The source of much of this problem has been the influence of formal mathematical deductionism, whose effect has been to limit discussion of matters attributable to so-called "physical science," to emphasis on formal mathematical methods of reductionism. The essential defect inherent in that emphasis, is to be located in the attempts to substitute reductionist mathematical formalism for the process of actual discovery of what are truly universal physical principles.

"Satan's Second Law"

Specifically, modern science knows in physical-scientific terms, that the "Second Law of Thermodynamics," is a not a product of science, but of a certain pagan trend in known varieties of relatively ancient religious presumptions. The known physical-scientific evidence, as Cody Jones has summarized that history in physical science, suffices to prove, with the most devastating effect, that the so-called "Second Law" was always an absurdity. Once that evidence of the history of the chemistry of the evolution of life on planet Earth is considered, we have hounded the devotees of the "Second Law" into their not-so-secret lair, that of the pagan religious beliefs well known to us from the literature of the recent thousands of years.

However, once we have considered that evidence, we have shown that the pagan religious beliefs are false to fact; but, the question remains, what is the principle which accounts for both the origins and the beliefs in doctrines which are scientifically absurd?

The central feature of that needed investigation, remains the surviving elements of Aeschylus' **Prometheus** Trilogy. There is no reasonable doubt of the validity of the dramatic theme of that trilogy; there

could be no reasonable doubt, since the content of that drama has been the essence of the true history of European and wider civilization from the time of Aeschylus to the present time. It is that legacy of oligarchical evil, coinciding with the theme of the **Prometheus Bound**, which presents us with the very essence of the continuing, oligarchical form of corruption of what is modern trans-Atlantic culture to the present day, that imperialist legacy which is presently epitomized by the evils radiating, more or less rampantly from that Roman Empire whose essential quality is typified by the British Empire re-established by means of the continuation of Lord Jacob Rothschild's 1971 launching of his presently disintegrating Inter-Alpha Group.

In short, as of the present moment, the entire world is sliding into what threatens to become, more or less immediately, the greatest "new dark age" of extended European history since both the initial collapse of the Roman Empire, and, later, the collapse of Europe into a Fourteenth-century "New Dark Age." Unless that British puppet currently known as the psychologically impaired President Barack Obama, is scrupulously removed from office very soon, there will be no more United States, nor much of the remainder of civilization anywhere on this planet for a rather long time yet to come. Those who linger with the mentally defective mind and morals of President Obama, are bringing on a now very early dispensation of sheer Hell, that upon not only the United States, but upon the world at large, a condemnation on the innocent and wicked alike, as it were the condemnation of a new "Cities of the Plain."

The "Dark Age" Syndrome

As I have already indicated at an earlier point in this report, all of this takes our attention back to a state of human culture which came into being somewhere before the larger part of the melting of the last great Ice Age. Somewhere in that dark past, there were men and women who called themselves "gods," and who preyed upon the greater part of humanity as if those victims were merely cattle to be abused, or simply killed. Such was the heritage expressed by the legendary Peloponnesian War, as, similarly, by that later Roman Empire which was the grandfather of the British empire today; such was the ancient nature of the oligarchical system sanctified by the Delphic Apollo-Dionysus cult. Such was the mist-ridden ancestry of the infamous tradition of the legendary "Cities of the Plain."

Take, for example, the lingering history of systems of such relics of the old oligarchical systems as the parliamentary systems of government in a modern, but a monetarist Europe which has never yet freed itself from the role of provinces of the contemporary, British imperialist form of the system of monetarist imperialism established by the agreements between the thoroughly evil Octavian and the cult of Mithra on the Isle of Capri.

That much now just said as a necessary bit of introduction to the principal part of the immediate subject-matter of this present chapter, return, so prepared, to the theme introduced earlier in this chapter.

Ask yourself: since I have emphasized, earlier in this chapter, and in reports published earlier, that the universe which we inhabit is specifically a systemically anti-entropic universe, and since the characteristic of life on Earth is ontologically anti-entropic, as in the sense of Cody Jones', summary, nearly half-hour, audio-visual report on the evolution of life on Earth, whence the impassioned insistence by even the majority of academics today on such a piece of nonsensical arrogance as the "Second Law of Thermodynamics"?

The short answer to that question is: "Religious tradition." That suggested answer is correct, as far as it goes; but, it does not yet reach a competent explanation of how and why an absurdity such as the fraudulent "Second Law" came into being.

The Evil in Aristotle and Euclid

In all known traces leading toward the precedents for that so-called, intrinsically fraudulent, "Second Law of Thermodynmics," the essential argument to which all presented evidence returns is the concept of "the oligarchical system." An interesting precedent, to which I have referred on fairly frequent occasions, is brought to our attention by a friend of the Christian Apostle Peter, Philo ("Judaeus") of Alexandria, who attacked the dogma of one who was, ostensibly, the notorious poisoner of that time, Aristotle, the ancient forerunner of the modern existentialist worshipper of the Delphic Dionysus, Friedrich Nietzsche, on precisely this point.

According to the Philo who attacked Aristotle roundly on this point, Aristotle had asserted that, once the Creator had finished the work of crafting the existence of a finite universe, that the Creator himself was no longer able to do any actual creating. That was, indeed, one of Aristotle's more crucial frauds. A deeper understanding of the meaning of Aristotle's sophistry, is

readily demonstrated by any thoughtful attention to Euclid's basing all his geometry on a set of silly, *a-priorist* presumptions, presumptions which exclude all material causality from a conjectured form of geometry. Indeed, this fallacy of Aristotle and Euclid has persisted in universities to the present day, despite the effect of the crucial physical discoveries of principle by Brunelleschi and Nicholas of Cusa. Such was the adoption of the crucial, anti-Euclidean principle of physical curvature expressed in the form of the catenary principle employed by Brunelleschi to craft the cupola of Florence's *Santa Maria del Fiore.* The same was embedded in Leonardo da Vinci's demonstration of the interdependent principle of the catenary and tractrix, the related discoveries in modern physical science developed jointly by Gottfried Leibniz and Jean Bernouilli, as also in the general solution for the notion of Abelian functions developed by Lejeune Dirichlet and Bernhard Riemann, and, also, in the consequent discoveries of relevance to this by such as Max Planck, Albert Einstein, and Academician V.I. Vernadsky.

The very fact of the persistence of the lunacy concocted by Aristotle and his *epigoni*,[3] also tells us something of importance. The stubbornness with which the errant belief of Aristotle et al. is defended, tells us something relevant respecting the true nature of evil. We are dealing, not with what were merely a matter of optional religious beliefs, but with a particularly vicious expression of some ancient, implicitly Delphic social principle of oligarchism. It is a mental disorder which has very deep-rooted and vicious root in the known history of mankind. It is also the clearly impassioned doctrine of a prescribed necessity of the supremacy of the master over the slave. It has the form of that same notion which the Homeric **Iliad**, among other locations, stipulates as the distinction of "gods" from "mortals."

What I have just stated on the subject of lord and master, thus, has the value of an obviously pathological pattern in human behavior, but that, in itself, does not provide us with a really credible demonstration of the actual origin of this reductionist form of belief. We must permit ourselves to be teased into seeking a deeper root of the problem. The issue is apparently one of social caste, but saying that touches the matter only superficially; the truth lies in the influence of that attributed nature of mankind from which such a system of beliefs as this one might have originated. The import of that distinction must be traced to a more crucial sort of *a-priorist* root of the fallacy of attributing truth to sense-certainty.

What this paradox demands is an indicated principle as the notion of such a principle is typified as of the form of Johannes Kepler's and Albert Einstein's combined discovery of matters pertaining to the original discovery of the principle of universal gravitation, the discovery which led into Leibniz's uniquely original discoveries in the domain of the calculus, into the treatment of Kepler's specified task of defining elliptical functions by the contemporaries of Carl F. Gauss, the general solution for the physical implications of Abel's discovery, as located by Lejeune Dirichlet and Bernhard Riemann, and those crucial achievements in method by V.I. Vernadsky which provided us a crucially fresh insight into the place of the human cognitive powers within the higher category known as the Noösphere.

IV. The Real Human Mind

Before returning to the relevance of these scientific matters to the relevant, deeper implications of the report by Philip Angelides' Financial Crisis Inquiry Commission, we shall examine the way in which the mind of the members of society shapes its reaction to the kinds of evidence of experience which the Angelides Commission's work touches upon in a very special, and highly relevant, although being a very useful, despite merely negative way.

Assume for a moment, that human knowledge were delimited to the evidence of five separate types of sense-perception (which is, by no means, the actual case). Each of the five types is incommensurate with the others; none of these senses agrees with the other. Actually, human sense-perception is not so simple-minded as to believe in such admittedly still-popular fantasies as that vulgar scheme of things still widely believed.

Nonetheless, such considerations taken into account, the implication is, that there is something acting "as if from behind those shadows which are merely sense-perceptions." That something is what tends to serve as the notion of that power of the mind which, while itself of the category of the "unseen," is the location of the aspect of our identity which must inter-

3. The allusion to *epigoni* is to the highly relevant, Classical, quality of ironical implication of Aeschylus' **Seven Against Thebes**.

pret the interacting realities of this experience. The mind is interpreting the act of sensing that object which is merely the shadow of the unseen mental object, the mind. It is that unseen, but efficiently existing mind, which is actually observing, and seeking to identify and interpret the real product of that which remains unseen, but which we must be certain had cast those shadows.

In experimental physics, and comparable enterprises, we, thus, synthesize other readings of sensed experience which are not simply those of the poor, ignorant man's naive notion of five senses.

This aspect of the subject-matter led Bernhard Riemann to the concluding, third section of his 1854 habilitation dissertation, in which both sense-perception and the idea of any mathematical physics as such, are implicitly false to the extent that a naive faith in mere mathematics implies. At the outset of the concluding section of Riemann's epoch-making dissertation, the evidence is that, apparently, the mental powers associated with sense-perception do not include the ranges of the extremely large or the extremely small. From these and related considerations, it follows, as Riemann's conclusion, that to enter the domain of physical science, we must depart the domain of mere mathematics as such.

It is the deeper implications of the argument of both Riemann's habilitation dissertation and also of his and Dirichlet's notion of those physical implications of Abelian functions which beg, implicitly, that notion of a distinct agency of the human mind which coincides, in fact, with V.I. Vernadsky's concept of the Noösphere. Then, by recognizing what Vernadsky has thus located as the efficient expression of the identity of the human personality, as distinct from the character of all known, lower forms of life, we have acknowledged the ontologically efficient existence of a power of creativity which now serves us as the "mental image" of an ontologically actual existence coinciding with the concept of the creative powers specific to the human mind as such.

The essential quality of what we must conclude from such crucial qualities of evidence, is that our powers of sense-perception are merely that. Truth is not to be found as something expressed literally in such a domain. It is in those forms of intellectual action which, by reacting against the evidently intrinsic incompetence expressed at the outer limits of sense-perceptual inductions, discover true physical principles, as in the manner in which both Dirichlet and his associate Riemann reacted with such great expressions of gratification to the notions prompted by the challenge of Abelian functions. The drawing out of Riemann's achievements in this respect, led to a crucial further breakthrough of decisive consequences for all future mankind in the development of what was named the "Noösphere" by V.I. Vernadsky.

The concept of the Noösphere, so situated as an outgrowth of Riemannian physics, has implicitly shifted the standpoint of what is to be now considered as a competent standpoint for physical science, to the view of the human soul as the virtual incarnation of the being whose presence lurks among the shadows of crucial-experimental knowledge derived from the "hypergeometry" of the Abelian factor as considered by Dirichlet and Riemann.

Once, the experience of the impact of Abelian functions upon Dirichlet and Riemann has been taken adequately into account for its ontological implications, there is nothing which is, as a matter of fact, merely mystical in any of this. It were sufficient to accept that evidence as proof that man must consider sense-certainties, such as those of mathematics, as Bernhard Riemann emphasized this paradoxical matter, already, in his 1854 habilitation dissertation, in the concluding, third section, most emphatically.

The point stressed by Riemann in that concluding section, is that we must not fall prey to the presumption that the principles around which the universe is organized, are those of sense-perception as such. Hence, to understand the universe's existence, we must depart the domain of mathematics for the domain of the crucial ironies which compel us to abandon mathematical deduction for the domain of experimentally adducible universal principles. This must be extended to placing the mathematical form of evidence under the higher authority of the experimental discoveries which show us the inherent absurdity of relying on mathematical deduction, such as that of Aristotle and Euclid, for example, as if mathematical deductions were universally congruent, merely mathematically, with the ordering-principle of the physical universe.

Thus, "we must depart the department of mathematics, for physics." To cling to mathematics would be to lie against the universe and its Creator. The human individual, to become fully human, must depart the realm of merely mathematical deduction, for the freedom to discover, experimentally, as Dirichlet and Riemann de-

clared such a doctrine of freedom in their treatment of the higher implications for physical science, expressed as Abelian functions. It is not the mathematics of Abelian functions which is crucial; it is the existence of the implications which Dirichlet and Riemann were among the first to recognize in their treatments of Abelian functions as the shadow of states beyond the bounds of deduction.

Such was the crucial contribution to all modern physical science, and also statecraft, by Cardinal Nicholas of Cusa.

Hence, I have argued over decades, that poetry must supersede mathematics in physical science, a physical science of economics most emphatically. Step over from the dungeon of mere mathematics, into fresh air of the real world of human powers like those expressed by the specific contribution of Dirichlet and Riemann, out of the darkening dungeon of merely mathematics.

Consider the following.

All actually Classical expressions of artistic creativity are based on that which William Empson sought to convey as an idea in his **Seven Types of Ambiguity**. Actually, the best standpoint from which to consider that work by Empson, is that of what has survived, and that rather famously, as the concluding paragraph of Percy Bysshe Shelley's **A Defence of Poetry**.

To wit:

Since our sense-perceptual images are merely shadows cast by "a distant mirror" of the Apostle Paul's **I Corinthians**, competent science, like successful attempts in the domains of Classical poetry and music, refuses to take sense-perceptual experiences such as those of pleasure or pain, literally. The pain, in particular, is a real experience; but, it is more a kind of warning than a substance in itself. The sane mind adduces the unseen object which has cast the shadow which we experience as sense-perception. This is the essence of both scientific competence and also of all valid expressions of Classical modes of artistic composition.

This subject toward which I have thus just pointed, is the persistent theme of the defining of a competent form of physical science by Cardinal Nicholas of Cusa, for example. It was the shadowy reality which the modern genius Filippo Brunelleschi recognized, as in the funicular physical curve, as a physical principle named "the catenary," as the expression of the intrinsic incompetence of the Aristotelean notion of Euclidean geometry. This was the genius of the follower of Nicholas of Cusa known as Leonardo da Vinci, and of the founder of all competent further developments in modern European physical science, as based on the crucial insights of Brunelleschi and Cusa, Johannes Kepler.

This reflects the trajectory of the development of all competent physical science since that time, as is shown by the evidence from the study of a science of physical economy which reveals the ostensibly hidden principle underlying and controlling the physical principles of a real-life economy. It is the properly informed scientific imagination which leads the competent economist to the conclusions set forth in the immediately preceding paragraphs here. There is no accident, therefore, in the failures of all leading efforts in the practice of economy by the governments of Europe and the Americas since the death of Franklin Roosevelt, and no accident in the present pattern of doom behind the worsening failures of the governments of the trans-Atlantic economy, in particular, since the death of President Franklin Roosevelt, and, more emphatically, President John F. Kennedy's practical approach to economic reality expressed in the launching of the NASA program.

In the proper reading of such experiences, we have, thus, a sense of "coming home" to be our true selves, the actualization of the experience of the true human spirit which informs mankind's greatest achievements. It is nothing contrary to Classical poetry and music which is true and decent. Only in that mode of Classical artistic composition which informs the greatest achievements, such as the principled role for scientific creativity expressed by the Classical artistic imagination, as in the case of Albert Einstein, for example, or for his contemporary V.I. Vernadsky, that, thus, ultimately, mankind is equipped to know man himself as a truly creative being, as that is emphasized in the terms of reference which I emphasize here.

The Aristotle who virtually declared that a creative God was dead was not only absurd, but epitomizes, still today, a certain brand of evil which became seemingly universal. He was wrong in declaring that the Creator had ceased to create; he was evil in his resulting, implicitly pornographic, image of mankind. Money is not a fixed value: the universe is anti-entropic, that in precisely the shocking way which Cody Jones presented the biology of the chemical evolution of planet Earth in his recent account.

Such is our true destiny, if we have both the wisdom and courage to take it into our hands.

For the Present Moment

The crucial point to be considered here, if we are to come away from this report's reading into a confident sense of what we human individuals really are, is to appreciate the deep implications of Riemann's habilitation dissertation in the depths of its entirety. The crucial implication of that, is a sweeping change in the scientist's notion of the ontological actuality of the human soul, a notion which expresses a shift of the location of reality away from the mere shadow-land existences of sense-perception, into the higher principle, which might be equated to the notion of the distinction of the human soul from the ontological state of the mere beasts.

That necessary transition in adopted choice of location of one's innermost sense of personal identity, is assisted by a compassionate view of the delimited existence of our most faithful among pet dogs. All those passions which are common to such dogs, as to the poorly defined sense of humanity associated with a mere sense-certainty of our mortal existence, can assist us to insight into the difference between the dog and what most people fail to achieve as a fully adequate sense of a distinctly human identity lacking in the faithful household dog, and, unfortunately, all too many persons as well.

We can not deny the persistence of those passions to which we, as the inhabitants of human doggedness are prone. We need not abandon the recognition of that mortal quality of our existence as living persons; but, we must control it. Arbitrary "control" as such, is not a reliable indication of the difference of the human soul from the beast. We must behave, for as long as we live, as living human beings must tend to act; but, it is urgent that we accept that condition and its implications from our proper role as in the likeness of the attributable Creator of the universe.

One reference to the extended argument presented by Cody Jones, an argument shared among those of us associated with the so-called "Basement Project," is that life on Earth for what we persons must consider, retrospectively, a terribly perilous long time, was limited to unicellular creatures, until the successive appearances of the oxygen and "ozone layer" developments permitted the lawful coming-into-existence of those higher forms of animal life from which the superior existence of the human being emerged. The creation of our existence as human personalities appears, thus, in retrospect, as a process of progressive evolution of life on this planet to permit the appearance of human souls here. The tendency is, therefore, to read the single opening chapter of **Genesis** from this perspective.

There is one additional point to be made on this account.

That summary point is, that we need not, and should not attempt to deny the realities of our incarnate existence, for as long as that state exists. What we must do, nonetheless, is to let the reality implicit, presently, in the discovery of such as Dirichlet, Riemann, and Vernadsky "sink in," to become what our permanent role, as human beings within this universe now, will be, and must be, for much longer than we live in our present circumstances and form of the expression of the significance of our existence for the future beyond.

Therefore, today's tragedy is that few living persons today see themselves actually in the terms of the higher aspect which those who are wise will experience while they are still among the living, as what they will be induced to accomplish as the changed future being willfully created by our presently living human species.

Our mission is, thus, to contribute to creating beautiful people.

The Angelides Report Tells the Truth: LaRouche Was Right! Glass-Steagall Now!

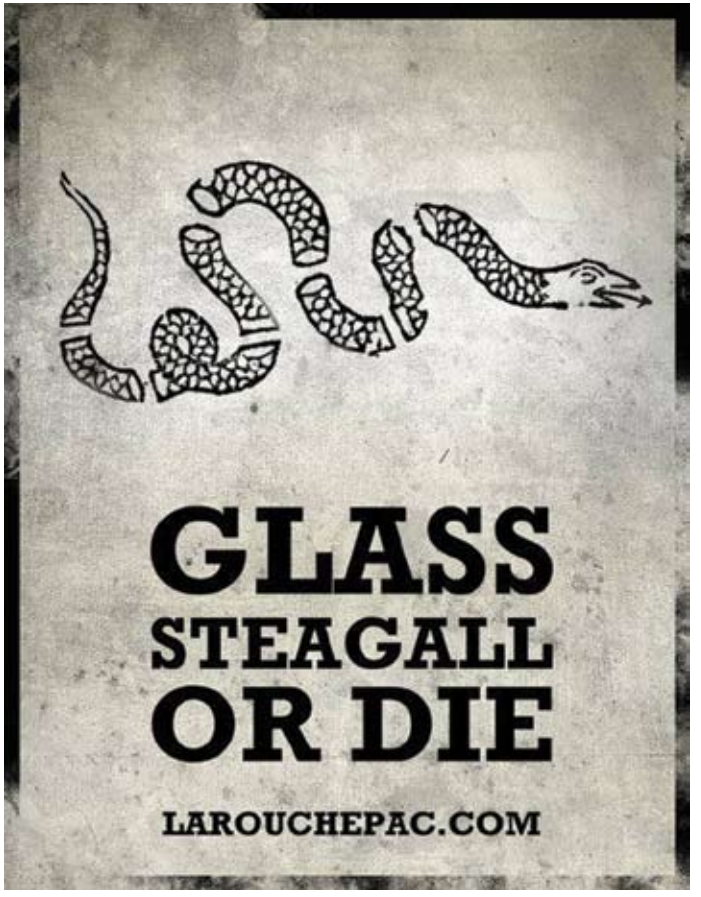
by Nancy Spannaus

Introduction

On Jan. 27, 2011, the Federal Financial Crisis Inquiry Commission (FCIC), which was established by Congress in 2009, to determine the causes of the financial blowout of 2007-08, made history. Its 500-odd-page report, known in short by the name of the Commission's chairman, Philip Angelides, *told the truth* about the last 40 years of policy decisions which have led to the bankruptcy of the U.S. financial system, and devastation of the U.S. economy.

To us in the LaRouche movement, the conclusions and chronology of this report were no surprise. Indeed, the chronicle and analysis paralleled the record of Lyndon LaRouche himself, who has uniquely both forecast the development of the current financial-economic breakdown crisis, and presented the policy alternatives which, at every point along the way, so far, have been rejected by the leading financial "experts" and authorities. The result, as any sane person knows, has been catastrophic.

Angelides' summary conclusion is succinctly damning:



"More than 30 years of deregulation and reliance on self-regulation by financial institutions, championed by former Federal Reserve chairman Alan Greenspan and others, supported by successive administrations and Congresses and actively pushed by the powerful financial industry at every turn, had stripped away key safeguards, which could have helped avoid catastrophe. This approach had opened up gaps in oversight of critical areas with trillions of dollars at risk, such as the shadow banking system and over-the-counter derivatives markets. In addition, the government permitted financial firms to pick their preferred regulators in what became a race to the weakest supervisor."

But it is worse than inadequate to leave the matter at that. For, as LaRouche and his movement have insisted without compromise, *nothing has been done to ameliorate this crisis!* The Angelides Commission puts it mildly:

"Our financial system is, in many respects, still unchanged from what existed on the eve of the crisis. Indeed, in the wake of the crisis, the US financial sector is now more concentrated than ever in the hands of a few large,

systemically significant institutions.

"The greatest tragedy would be to accept the refrain that no one could have seen this coming and thus nothing could have been done. If we accept this notion it will happen again."

In his Feb. 2 presentation on the LPAC-TV Weekly Report (http://www.larouchepac.com/node/17386), LaRouche drew the necessary conclusions, for what must be done now. He said:

"The Angelides report, by going through the breaking points, not coincidentally, happened to coincide with *exactly my previously confirmed forecasts*, and therefore, I have a very distinct authority and importance for decisions-makers, in the present crisis. If people do not change their ways, and now, finally, respond to the fact that I had been correct, that decision not to respond, would mean *the end of the existence of the United States,* a development which many in England, and the British Empire as such, would like to see happen: The desire to destroy the United States since before it was created, since 1763, has continued to the present time. And these characters, of the international British Empire, the British Empire which was actually founded, in fact, as the empire of the British East India Company in February 1763, have now taken over the world."

The solution, he concluded, is the immediate forcing through of Glass-Steagall, an act which will require the removal from the Presidency of the principal obstacle to that measure, the mentally ill Barack Obama.

In the following pages, we give a summary of those breaking points that LaRouche refers to, putting side by side, LaRouche's warnings and actions, with the Angelides Commission's analysis, the line of the so-called financial experts (mostly in government), and what the consequences were of the toleration by the U.S. population of the decisions of those "experts." The conclusion should be obvious. The Angelides report underscores the reality, already knowable, that LaRouche was right. There is now no excuse not to act, by readopting Glass-Steagall now.

1960s

What LaRouche Said

In **1961**, LaRouche issues a long-range forecast, outlining the danger of an economic depression, following a series of U.S. and world monetary crises. These crises would be the result of policies embracing a post-industrial society, in which real production of wealth was abandoned in favor of "services," speculation, and looting of living standards. In a pamphlet titled, "The Third American Revolution," in **1969,** he warns of the danger that the bankers will try to stabilize their profits "by a general assault on the incomes of farmers and the real earnings of working people," and calls for investment in new productive jobs.

Angelides Commission Analysis

The end of the 1960s saw the rapid growth of the "commercial paper" and "repo markets," essentially, cheap means for creating and rolling over unsecured corporate debt. The Federal Reserve moves to support the commercial paper market, in response to banker pressure to loosen regulation established by President Franklin Roosevelt, including the Glass-Steagall Act of 1933.

The "Experts"

British and American economists, over this decade, spew out a wide array of calls for the "post-industrial society," including calls for population control, consumerism, and the takedown of large-scale infrastructure, such as the NASA space program.

What Happened

After the assassination of President Kennedy in 1963, his FDR-styled policies of rapid technological and infrastructural advance are dropped, including cutbacks in NASA, even before the Moon landing occurs in **1969**. The U.S. economy goes into net economic decline, per capita and per square kilometer, and the first of the dollar crises breaks out in 1968.

1970s

What LaRouche Said

1970: LaRouche outlines an emergency reconstruction program, entitled "How To Lick a New Depression in a Single Day."

1971: LaRouche warns that fascism, in the United States and globally, is the inevitable result if the U.S. government does not shift policy toward massive investment in physical wealth, especially infrastructure.

1976: LaRouche, in an election-eve TV address, warns that the Carter Administration program of Malthusian policies, such as deregulation and environmentalism, will lead to depression and war.

1979: LaRouche forecasts that the result of the huge hike in interest rates, implemented by Fed chairman Paul Volcker, will lead to a sharp drop in physical production in the short term, and the outbreak of recession by the early 1980s.

Angelides Commission Analysis

In the 1970s, the commercial paper market grew almost fourfold, building up money market mutual funds. "The second major shadow banking market that grew significantly was the market for repos, or repurchase agreements," which were quick turnaround loans involving Treasury bonds. "Both forms of borrowing could be considered 'hot money'—because lenders could quickly move in and out of these investments in search of the highest returns." The popularity of these investments "came at the expense of the banks and thrifts."

The "Experts"

The Nixon Administration insists that wage-control is key to stability. The Carter Administration promotes deregulation, starting with the airlines and trucking, as keys to "competitiveness" of industry. Citibank head Walter Wriston and Volcker agree in **1978**: the real problem is inflation (not debt and lack of production). In **1979**, allegedly to deal with the massive increase in inflation over the decade, Fed chairman Paul Volcker declares that a shock increase in interest rates is essential to restore the economy.

EIRNS/Stuart Lewis

Federal Reserve Chairman Paul Volcker, 1979-87.

What Happened

The Nixon Administration in **1971** takes the dollar off gold, and, in **1972**, adopts the floating-exchange-rate system. Bankruptcy crises break out in the Third World and U.S. cities, including New York City. Carter slashes infrastructure spending, starting with a huge water infrastructure bill. The U.S. economy hit by collapse and inflation (stagflation). Carter appoints Volcker as Fed chairman on July 25, and he immediately jacks up interest rates, which soon go over 20% (usury).

SCID/Pan Asia Conference

George Shultz, as Nixon's Treasury Secretary, 1972-74, oversaw the destruction of the Bretton Woods System.

1980s

What LaRouche Said

1980: LaRouche issues "Federal Reserve Reform Act," calling for a shift away from money-market operations, and into issuing credit for the productive economy. He simultaneously denounces the further deregulation of the banking system, including the end to usury limits, and the like.

1982: LaRouche puts forward policies to end the "new Depression," both national and international, and a plan to reorganize the unpayable debt, including "Operation Juárez," and great projects such what became known as the Strategic Defense Initiative (SDI).

1984: LaRouche forecasts the collapse of a large section of the U.S. banking system, especially savings and loan institutions, due to the deregulatory changes put in place, along with the high interest rates.

May 1987: LaRouche warns of the likelihood of an October stock market crash (his only stock market forecast), and, in **1988**, forecasts the continuing collapse of the economy, comparing the shape of the graph thereby produced to a "bouncing ball."

Angelides Commission Analysis

The Federal government acted in **1982** to relax the capital requirements for Fannie Mae, and bailed out the repo market. "The Fed loosened the terms on which it lent Treasuries to securities firms, leading to a ten-fold increase in securities lending." It further eroded the Glass-Steagall provisions, under pressure from banks that argued that their problems stemmed from that law. The changes in the law, especially Garn-St Germain, created "a bubble and massive overbuilding in residential and commercial real estate in certain regions." Fed chairman Greenspan "supported and encouraged this shift toward deregulated financial markets," and the Fed "also weakened or eliminated other firewalls between traditional banking subsidiaries and the new securities subsidiaries of bankholding companies."

The "Experts"

April 1981: Treasury Secretary Donald Regan says, "We must place greater reliance on market forces to determine the character and structure of our financial system.... At some point all institutions must have the same power to perform the same types of business." World Bank President Robert McNamara asserts that overpopulation is one of the "major threats" to U.S. national security. The U.S. establishment sets up the Bipartisan Budget Appeal to push deficit reduction as a cure-all. Retired Citibank chairman Walter Wriston, after the October stock market crash, says: "There is nothing fundamentally the matter with our economy." Milton Friedman, virtually the nation's official economist, agrees, saying there's nothing like a Great Depression in the wings.

Monetarist Milton Friedman

What Happened

1980: The Depository Institutions Deregulation and Monetary Control Act is passed, which repeals limits on interest rates (a Glass-Steagall element).

Investment banks begin to securitize mortgage loans, and the savings banks are eventually squeezed to the point of a major blowout by 1984-87, in which almost 33,000 commercial banks and thrifts fail, despite multi-billion-dollar bailouts

1982: The Garn-St Germain Act allows thrifts to make interest-only, balloon-payment, and adjustable-rate mortgages.

1982: The first of major international debt crises, the "debt bomb" which LaRouche had identified, due, in large part, to the interest-rate increase and IMF-pushed deindustrialization policies.

1983-84: The Office of the Controller of the Currency allows national banks to expand into derivatives.

1987: Greenspan is appointed Federal Reserve chairman at the height of the stock market bubble (August); the stock market crashes on Oct. 19, equivalent in scope to the 1929 Crash. Greenspan moves to further weaken regulations.

1988: LaRouche gives Berlin speech calling for Food for Peace collaboration between Eastern and Western Europe.

1990s

What LaRouche Said

1990: LaRouche outlines a program for global reconstruction, in the wake of the fall of the Berlin Wall, and then the collapse of the Soviet Union. First called the "Productive Triangle," the program is eventually elaborated to become the Eurasian Land-Bridge. It calls for a reorientation of finance to state credit for massive infrastructure projects, in collaboration among sovereign nations.

1990: LaRouche releases draft legislation to turn the Fed into a national bank.

1991: LaRouche polemicizes against those looking for a new dramatic market crisis, emphasizing that the collapse is actually underway, as "the great mudslide of 1991."

1993: LaRouche targets expansion of derivatives, proposes a 0.1% transaction tax on same, and calls for emergency measures to restore the physical economy. "The derivatives bubble, by the very nature of these transactions, is a financial bubble in the tradition of the more primitive, more rudimentary, and far less dangerous bubbles of the 18th Century, such as the John Law bubble in France, and the South Sea Island bubble in Eng-

Angelides Commission Analysis

The Angelides report notes that "despite new laws passed by Congress in 1989 and 1991 in response to the S&L crisis that toughened supervision of thrifts, the impulse toward deregulation continued. The deregulatory movement focused in part on continuing to dismantle regulations that limited depository institutions' activities in the capital markets."

It also notes that the Treasury adopted a policy of "too big to fail," which began with the bailout of Continental Illinois in 1988.

"In the end, the 1991 legislation sent financial institutions a mixed message: you are *not* too big to fail—until and unless you *are* too big to fail. So the possibility of bailouts for the biggest, most centrally placed institutions—in the commercial and shadow banking industries—remained an open question until the next crisis, 16 years later" (Chapter 2).

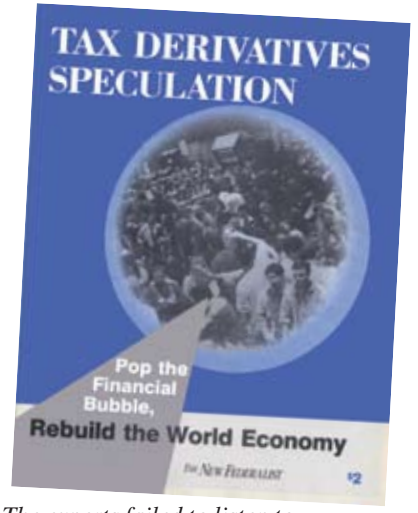
During the 1990s, securitization (largely in the housing market) and derivatives explodes, even as mathematical-model-makers begin to move into the markets.

But what best characterizes this decade, in the Angelides report's description, is the growth of derivatives, which it calls "by far the most signifi-

The "Experts"

House Financial Services

Federal Reserve Chairman Alan Greenspan, 1987-2006.



The experts failed to listen to LaRouche's warnings on derivatives speculation, put out in this 1993 pamphlet.

What Happened

1991: The Treasury Department issues a study calling for repeal of Glass-Steagall, to make U.S. banks "more competitive."

1993-94: The further rev-up of the machinery for the housing bubble through Fannie Mae and Freddie Mac.

What LaRouche Said	Angelides Commission Analysis	The "Experts"	What Happened

land in the same period of time. This is the John Law bubble gone mad. The vulnerability to the entire financial system, the chaos and destruction of actual physical processes of production, distribution, employment, and so forth, is incalculable in potential, and therefore this thing must be brought under control promptly."

On Sept. 8, *EIR*'s John Hoefle testifies before the House Banking Committee, warning of the impending collapse of the derivatives market in the context of the implementation of NAWAPA (North American Water and Power Alliance), and calling for Congressional action.

1994: LaRouche issues his "Ninth Forecast," pointing out that the disintegration of the financial markets was inevitable, and that a full bankruptcy reorganization of the U.S. financial system is required.

1995: LaRouche issues his famous "Triple Curve" schematic diagram, highlighting growth of debt and derivatives at the expense of the physical economy.

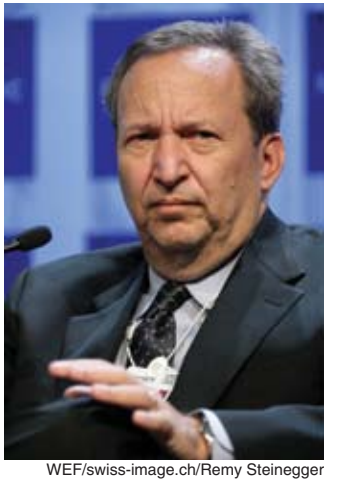
1997: LaRouche and his wife, Helga Zepp-LaRouche, launch a drive

cant event in finance during the … decade." While there was concern expressed over the growth of derivatives, particularly in the over-the-counter markets, and Congress held hearings, nothing was done.

"Emboldened by success and the tenor of the times, the largest banks and their regulators continued to oppose limits on banks' activities or growth." While "banks already had beachheads in securities firms and insurance companies," they now went on to eliminate Glass-Steagall altogether.

"The new regime encouraged growth and consolidation within and across banking, securities, and insurance.… The biggest bank holding companies became major players in investment banking. The strategies of the largest commercial banks and their holding companies came to more closely resemble the strategies of investment banks.… Both prospered from the late 1990s until the outbreak of the financial crisis in 2007." However, there was no fallback or "spare tire" in the system: "All the wheels of the system would be spinning on the same axle."

Interestingly, the role of the repeal of Glass-Steagall in bringing on the



WEF/swiss-image.ch/Remy Steinegger

Larry Summers, from the Treasury Department, played a key role in promoting deregulation.

1994: Greenspan testifies against regulating derivatives: "There is nothing involved in federal regulation per se which makes it superior to market regulation. Today's markets and firms, especially those firms that deal in derivatives, are heavily regulated by private counterparties who for self-protection insist that dealers maintain adequate capital and liquidity."

1997: Greenspan tells the Association of Private Enterprise Education,

1994-95: The outbreak of high-profile bankruptcies due to the derivatives crisis, including Procter & Gamble, Orange County, Calif., and the several-hundred-year-old Barings Bank.

1997: The so-called Asian crisis begins to sweep the globe.

1990s (continued)

What LaRouche Said

for a "New Bretton Woods" conference to establish a new fixed-exchange-rate system, in line with intention of FDR. At a New Bretton Woods meeting in Rome, Italy, April 2, 1998, LaRouche says, "The system is essentially bankrupt. The international financial system is bankrupt. There is only the prosperity of fools in the system. We have, in the world presently, dominated by so-called derivatives, about $140 trillion equivalent of short-term gambling debts. In the recent years, especially since 1982, and most emphatically since 1987, the growth of derivatives has taken over and eaten up the banking system itself."

1999: *EIR* denounces repeal of Glass-Steagall as a violation of Federal conspiracy statutes, and as a "disaster."

Angelides Commission Analysis

crisis was a matter of active dispute in the Angelides Commission, shown by the fact that both of the Republican (Wall Street) dissents specifically attacked the idea that the repeal played a role in creating the disaster.

CSPAN

FCIC Chairman Phil Angelides

The "Experts"

"Regulation by government unavoidably involves some elements of perverse incentives."

WEF/swiss-image.ch/Michael Würtenberg

Congressman Barney Frank played a key role in permitting deregulation, including the repeal of Glass-Steagall.

1999: Greenspan praises the "wealth effect" of housing speculation.

What Happened

1998: Russian GKO and U.S. LTCM crises nearly bring down the financial system. In response, Greenspan provides a "wall of money," and, with low interest rates, further stokes up the mortgage securities market.

1999: Repeal of the Glass-Steagall law.

2000s

What LaRouche Said

While campaigning for a New Bretton Woods, LaRouche, in **2000**, updates his Triple Curve function, noting that the money-printing of the Federal Reserve was creating a hyperinflationary process that would lead to disaster.

He blasts Greenspan's interest-rate policy, and the latter's moves for expanded deregulation. *EIR* characterizes the Commodity Futures Moderization Act of **2000**, which legalizes over-the-counter (OTC) derivatives in the trillions, as the "Derivatives Decriminalization Act."

Meanwhile, LaRouche continues to campaign for orderly bankruptcy reorganization, in contrast to the blowout that would otherwise occur. For example, in his **July 2, 2003** webcast he says:

"The collapse is more or less immediate. And what Alan Greenspan is doing, is actually criminal. That is, what Alan Greenspan is doing right now: He's got a hyperinflationary drop of the discount rate. This hyperinflation is a trap, to lure suckers into financial markets, for one last go. Soon, one of these bubbles, or more of these bubbles, will blow out. Credit derivatives bubbles; mortgage-based securities bubbles; similar kinds of bubbles will blow."

Angelides Commission Analysis

The report emphasizes the growth of the bubble which occurred after the repeal of Glass-Steagall in 1999, and the passage of the Commodity Futures Modernization Act of **2000**:

"We conclude over-the counter derivatives contributed significantly to this crisis. The enactment of legislation in 2000 to ban the regulation by both the federal and state governments of over-the-counter (OTC) derivatives was a key turning point in the march toward the financial crisis."

In Chapter 1, page 5, it describes the new bubble thus:

"Unlike so many other bubbles—tulip bulbs in Holland in the 1600s, South Sea stocks in the 1700s, Internet stocks in the late 1990s—this one involved not just another commodity but a building block of community and social life and a cornerstone of the economy: the family home. Homes are the foundation upon which many of our social, personal, governmental, and economic structures rest. Children usually go to schools linked to their home addresses; local governments decide how much money they can spend on roads, firehouses, and public safety based on how much property tax revenue they have; house

The "Experts"

Throughout this decade, both Greenspan, and his successor, Ben Bernanke, continue to argue that the bubble they created can be contained. Two examples (next page):

creative commons/lkradionews

"Helicopter" Ben Bernanke, Fed chairman 2006 to today.

John F. Martin/General Motors

The Bush and Obama administrations oversaw the dismembering of the main machine-tool section of the U.S. economy, the auto sector.

What Happened

In the wake of the late 1990s blowout, Greenspan lowered interest rates 11 times, in order to maintain loose money for the banks. Nonetheless in **2001**, there were a record number of corporate debt defaults, including the bankruptcies of the corporate giants Enron and WorldCom.

The bubble continued to grow, especially through derivatives and mortgage-backed securities.

2000s (continued)

What LaRouche Said

In **2005-06**, LaRouche campaigns for immediate economic revival in the United States, including saving the auto industry, through the Emergency Reconstruction Act.

EIRNS/Stuart Lewis

Lyndon LaRouche in 2007.

July 25, 2007, as the bubbles are beginning to pop, LaRouche gives his now-famous forecast: "The world monetary, financial system is actually now currently in the process of disintegrating. There's nothing mysterious about this: I've talked about it for some time, it's been in progress, it's not abating. What's listed as stock values and market values in the financial markets internationallly is bunk! There are purely fictitious beliefs. There's no truth to it: the fakery is enormous. There *is* no possibility of a non-collapse of the present financial system—none! It is finished, *now*! The present

Angelides Commission Analysis

prices are tied to consumer spending. Downturns in the housing industry can cause ripple effects almost everywhere."

The report also notes that, using mathematical models as "reliable predictors of risk," investment banks leverage themselves up to 40:1, with much of the debt short-term, and with a lot of the debt conceived by derivatives and off-balance-sheet entities. "The total value of mortgage-backed securities issued **between 2001 and 2007** reached $13.4 trillion."

"We conclude this financial crisis was avoidable. The crisis was the result of human action and inaction, not of Mother Nature or computer models gone haywire. The captains of finance and the public stewards of our financial system ignored warnings and failed to question, understand, and manage evolving risks within a system essential to the well-being of the American public. To paraphrase Shakespeare, the fault lies not in the stars, but in us."

And, after all the bailouts, "Our financial system is, in many respects, still unchanged from what existed on the eve of the crisis. Indeed, in the wake of the crisis, the US financial

The "Experts"

June 2005: Greenspan tells Congress that "the apparent froth in housing markets may have spilled over into mortgage markets," but he declares that the U.S. economy is on a "reasonably firm footing." "Although we certainly cannot rule out home price declines … these declines, were they to occur, likely would not have substantial macroeconomic implications."

March 2007: Fed chairman Bernanke testifies to Congress that "the problems in the subprime market were likely to be contained."

What Happened

At the end of **July 2007**, three days after LaRouche's July 25 webcast, the blowout of the banking system begins.

In the **Spring of 2008**, with the bankruptcy of Bear Stearns, the Bush Administration announces its first Federal bailout, on March 20 of that year.

On **July 24, 2008** with the housing securities market in increasing turmoil, Treasury Secretary Hank Paulson moves to bail out Fannie Mae and Freddie Mac, which bailout eventually turns into an *unlimited* checkbook for the mortgage securitizers.

Oct. 3, 2008: Congress passes the $787 billion bailout (TARP) demanded by the Bush Administration,

creative commons/BasicGov

Due to government inaction, foreclosures have devastated communities and thrown millions out of their homes.

What LaRouche Said	Angelides Commission Analysis	The "Experts"	What Happened

financial system cannot continue to exist *under any circumstances, under any Presidency, under any leadership, or any leadership of nations. Only a fundamental and sudden change* in the world monetary financial system will prevent a general, immediate chain-reaction type of collapse."

Immediately thereafter, LaRouche proposes his Homeowners and Bank Protection Act of 2007, which would apply the Glass-Steagall principle to the banks holding mortgages, and freeze all foreclosures. Despite support from more than 100 city councils, and at least six state legislative bodies, Congress refuses to act. When Congress chooses bailouts instead, starting in **March 2008**, LaRouche blasts these as lawless, and "tantamount to treason." "This is illegal and unconstitutional," he says.

In the aftermath of Congress's failure, LaRouche escalates his campaign for restoring the FDR Glass-Steagall Act, a campaign which British puppet Barack Obama, just like George W. Bush, has blocked. That remains the cutting edge of the battle today, to write off trillions of derivatives and bailout gambling debts—and start up *credit* for rebuilding the physical economy.

sector is now more concentrated than ever in the hands of a few large, systemically significant institutions.

EIRNS

LaRouchePAC organizers, shown here outside the Texas State Legislature, are spreading the Angelides Report, and demanding the Glass-Steagall now.

with the blessing (and pressure) of Barack Obama, thus (according to Bernanke's own testimony to the Angelides Commission) preventing the bankruptcy of 12 out of the 13 top financial institutions in the country. Nonetheless, trillions of dollars of equity, in banks and households, are wiped out over the next two years.

Throughout **2009**, the Obama Administration expands the bailouts to the auto industry and insurance companies, and maintains an open-ended, virtually free credit-line for the major banks. TARP oversight manager Neil Barofsky has estimated that the government has taken on liabilities of $17-23 trillion.

Meanwhile, unemployment stands at a *real* 25% (and up), the poor are being cut off from minimal services, and the major financial institutions are off and running again, aware they have the full support of the Federal Reserve. A hyperinflationary blowout is imminent at any point.

Paul Gallagher and Edward Spannaus contributed to this report.

How Can Europe Be Saved?

by Lyndon H. LaRouche, Jr.

Feb. 4—The qualified U.S. scholar of history has no difficulty in understanding the difference between the U.S. Constitutional principle, known as the "credit system" principle, in which the Glass-Steagall law is embedded, and the monetarist principles deeply embedded, as in the legacy of the Roman Empire, in the Europe-wide tradition of usury, on which the notion of monetarism is premised.

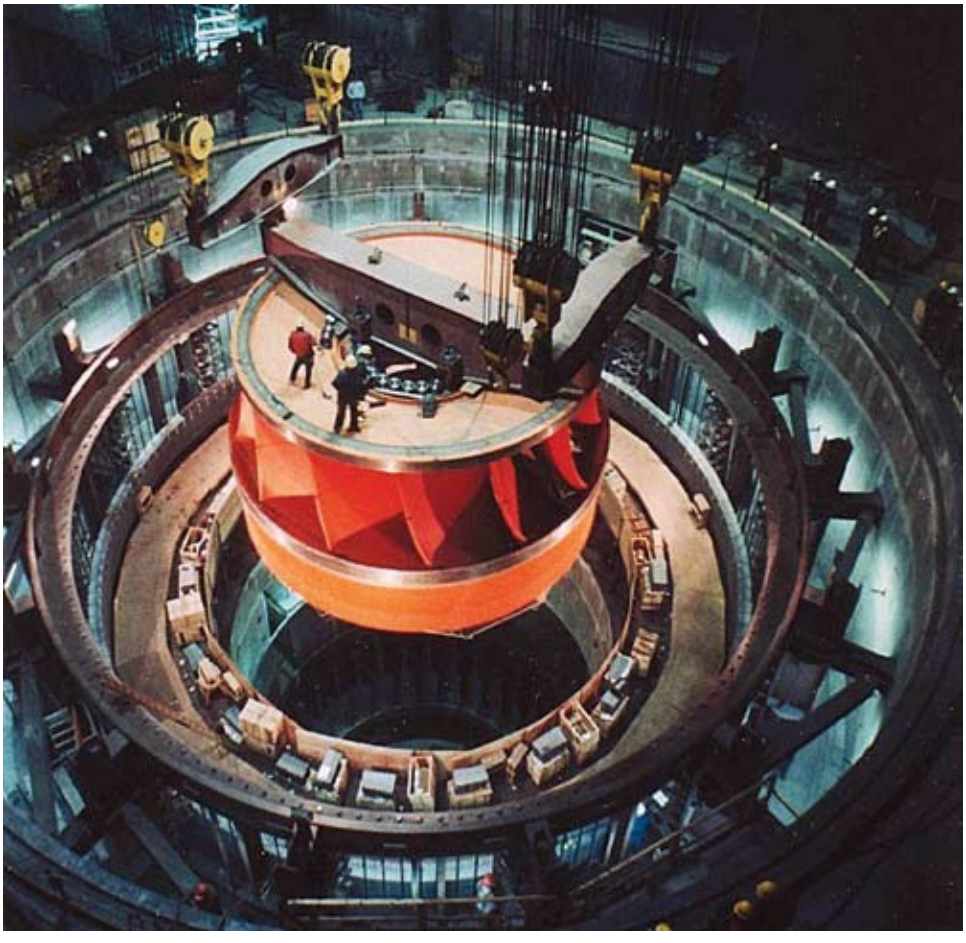
Formally, the task of explaining this distinction to the literate European is not difficult. Hermann Abs, for example, showed his understanding of this principle in his prescription for borrowing this model for his part in organizing what was to become known as "the economic miracle" of Germany's period of post-World War II recovery.

As it was often said in past times, when a sense of humor about life's vicissitudes was still in vogue, the Americans and British are separated by a common language.

In the monetarist system, the notion of public forms of economic value is situated within the notion of money as such. In the American system, as pioneered under the original charter of the Massachusetts Bay Colony, and under the U.S. Federal Constitution, economic value reposes in the uttering of credit for public and private improvements in the productive powers of labor, as measurable per capita and per square kilometer of the sovereign political economy.

Hence, the fundamental (e.g., "systemic") difference between today's present European systems which are based on the monetarist tradition of the customary, successive phases of the Roman Empire (e.g., Byzantium, Old Venice, New Venice, and the British Empire) to the present day. In other words, the American System as designed by the precedent of the original charter of the Massachusetts Bay Colony, was based on a credit-system, and has a deep-rooted difference of principle with the legacy of the Roman empire which is operating still, in effect, according to the monetarist ideology of the present day's hegemony of the British empire, as under the British empire's "Euro" satellites presently.

The ironical fact of today, is that the tradition of a Europe usually dominated by the imperial overreach of the British monetarist system, especially since the imposition of the "Euro" principle upon continental Europe (and beyond) by the imperial edict of Margaret Thatcher, François Mitterrand, and George H.W. Bush, jointly, against Germany, the so-called "Euro" as British captive Europe's present Euro system, the mere uttering of money without consideration of some physically intrinsic value as a reigning standard reigns. For those who are truly well-informed in history, Europe today is still under the thumb of the same Roman Empire which has undergone changes in management, from Roman, to Byzantine, to Old "Aristotelean" Venice, to "Sarpian" Venice, and to the Sarpian legacy of the "new Venetian," Sarpian "free trade" style of the presently British imperial monarchy; but, the imperial principle of monetarism as such, imprisons Europe (and parts beyond) in the form of a monetarist form of imperial rule over the mere local nation-state subjects of the ancient Roman monetarist tradition.



U.S. Bureau of Reclamation

It is the development of great public works, from which private enterprises gain the foundations on which local gains in physical productivity and improved standard of living have always depended. Shown: a water turbine being assembled at the Grand Coulee Dam, on the Columbia River, in Washington State.

To illustrate the nature of the solution for the present world situation, take the case of Britain's intrinsic, seemingly hopeless state of bankruptcy at the present time.

The reason which the British acted as they have done recently, even prior to the November 2, 2010 U.S. mid-term general election, in threatening the United States with some most unpleasant actions against the United States, implicitly, a threat of a state tantamount to warfare, should the U.S. restore the Glass-Steagall law, is that the refusal of the United States to die would cause the collapse of the already bankrupt British international monetarist system.

It is true, that the survival of the United States now, would mean the sweeping bankruptcy of the British monarchy's present form of international "commonwealth" system, especially the collapse of the banking system of the United Kingdom itself. The relevant irony is, that there is no possibility of the survival of the present, extended form of the British imperial system typified by the networks of the Inter-Alpha, international banking system, the true current form of the very real British empire.

Granted, there is nothing we should even think of doing in the attempt to maintain the British empire whose current, post-1971 existence has depended upon the reform known as the constitution and development of the Inter-Alpha Group. However, that does not mean that we should not act to support a rescue of the United Kingdom itself, as distinct from the presently virtually worse than worthless British empire associated with the Inter-Alpha Group.

How? Simple: the United Kingdom, as nation-state, and the British empire, no longer have even the hope of the perpetuation of the imperial system represented, at its present core, by the Inter-Alpha Group. A reorganization of the British national banking system through establishing the same standard for a credit-system represented by the restoration of Glass-Steagall in the United States.

The great principle of a credit system, is key to understanding the needed reform designed to fulfill the proper intention of national commercial banking under a "Hamiltonian" form comparable to the central, top-down principle of the original U.S. Federal Constitution.

The Remedy

Consider the possibilities for a British economic recovery from the United Kingdom's presently headlong collapse into a terminal form of national bankruptcy,

from the standpoint of the principle underlying all of the successes of the building of the United States, contrasted with the notion of a wildly hyperinflationary effort to maintain a monetarist system now.

Take a lesson from the achievements of Charlemagne, for as long as he lived.

Among the many reforms which Charlemagne introduced, the keystone was the development of a form of credit-system centered upon connecting the principal riparian systems of the internal territory of his realm by a system of canals which are still an essential feature of European culture in that same region, and also beyond, in Europe still today. It is the development of great public works such as the reform under Charlemagne, then, of the case of Franklin Roosevelt's backing of the TVA, and the greatest system yet designed, NAWAPA, which typifies the physical-economic platforms of progress, through great public works, from which private enterprises gain the foundations on which local agricultural and other local gains in physical productivity and improved standard of living have always depended.

The appropriate method for realizing such benefits, is the promotion of scientific and technological advances in the productive powers of labor, per capita and per square kilometer, which provide the basis for those investments which are worth more in results for the nation than their net physical cost. The factor of net physical increase of productivity, per capita and per square kilometer, through the long-term trend of increase of the energy-flux-density of progress, is the factor on which the real increase in growth of physical value of extended public credit depends.

Such achievements, which depend upon a system of public credit, rather than a monetarist system, represent the physical factor of action on which the existence of a successful system of national credit depends. In the U.S.A. case, it was the organization of credit on the basis of national banking, in which national banking supplied the foundations on which local commercial banking depends, rather than speculative "Wall Street" games.

This means, in practice, that, for the United Kingdom to outlive the consequences of its present folly, it must base its own internal growth on a national system of public credit, expressed in detail in the equivalent of a regulated system of public credit. The margin for this in the longer term, is participation in the raising of the physical standard of living and of physical productivity, through aid of very large public infrastructure projects not inconsistent with the U.S. projected NAWAPA project, for the raising of the income of the peoples of Europe and North America through the improvement of the quality of production and life of the peoples of, especially, Africa, Asia, and South America. The driver of any successful effort of that sort, requires a global fixed-exchange system of systems of public credit of the participating sovereign republics.

It is the upgrading of the conditions of life of the people of the United Kingdom, for example, which thus defines the principle of a global system of public credit among respectively perfectly sovereign nation-states, which is not merely the best hope for mankind today, but is, presently, the only hope for each and every part of mankind.

Is Europe Breaking Up?

Youth Need a Vision For the Future!

by Helga Zepp-LaRouche

This article was translated from German.

Feb. 4—The escalation of violent confrontations in Egypt and the growing protests in North Africa, Yemen, Syria, Jordan, and India, are but regional manifestations of the ongoing collapse of the global financial system. The reluctance of Western governments and media to face this fact is nowhere more evident than in the sudden change of heart toward the Presidents of Tunisia and Egypt. Hailed just three weeks ago as friends and allies of Western interests against the threat of Muslim fundamentalists, Western governments have now turned 180° to demand the immediate resignation of these same "despots and dictators."

Those demonstrations, however, were mainly economic in nature, to protest against a 10-20% rise in food prices and against the lack of prospects for the future, especially among the younger generation, which sees absolutely no future in the present system of globalization. The average age of the Egyptian population is just 24 (compared to 42.6 in Germany), and the 15-29-year-

olds—who constitute the majority of activists at the Egyptian demonstrations—number 12.5 million, which is three times the number of 50-64-year-olds (4.4 million). Thus, even if the ruling establishment were driven out, there would still not be enough jobs for the young people.

Now that the EU and various politicians are demanding the immediate resignation of Egyptian President Hosni Mubarak, without setting into motion immediately a crash program for real economic development, there is a threat of a new French Revolution, followed by waves of Jacobin-style terror. Social scientist Gunnar Heinsohn warned in the *Frankfurter Allgemeine Zeitung* that there could be mass killing of youths, should the current elite be ousted.

Jobs: A New Marshall Plan

Therefore, the sudden demands for democratic reforms and introduction of parliamentary democracy are just empty words, no better, in themselves, than prevailing Presidential systems modeled on France's Fourth Republic. Instead, an economic perspective is urgently needed. This has apparently been understood by Italian Foreign Minister Franco Frattini, whose Mediterranean country neighbors North Africa, who called on Feb. 2, in an interview with the Italian weekly *Oggi* for a change in European policies toward North Africa. "Europe must do more to stabilize the Mediterranean area. Above all, it must be more concrete, as Italy has often offered. We must change our approach: no more bureaucratic structures and statements. We must move to a 'projects-based Mediterranean,' with infrastructure development, small and medium enterprises, agriculture, tourism, energy, to create development, jobs, and lasting stability."

The influential Rome daily *Il Tempo* called, in a prominently placed editorial on Feb. 1, for a "Marshall Plan," as an appropriate response to the crisis in Egypt. Under the headline "A Marshall Plan for Egypt (and for Us)," the author (writing under the pseudonym "Marlowe") counterposes the need for building up the economy to the current obsession of European governments with financial discipline, deficits, and balancing the budget. We need a real development plan, he writes, not a "plan that only exists on paper." Europe and the United States should be jointly committed to such a policy.

The recently concluded meeting in Davos, Switzerland of the World Economic Forum, he continues, is exemplary of the West's impotence. There, "despite the presence of many money-makers and decision leaders (as they like to be called) all at the same time at the Swiss ski resort, not one bit of strategy was even outlined, either politically or economically," for the explosion in Egypt. Marlowe writes that the basis of the revolt was initially economic in nature. "A sort of Marshall Plan would make it possible to meet the most immediate needs of the population, namely to create a durable perspective for this part of the world. . . ."

Obviously, it is much better understood in Italy—where thousands of African, Iraqi, and Afghani refugees try to enter every month, just as in Greece, Spain, and Portugal—that people cannot eat "democracy," nor can a *Limes* fortification line be built around Europe. Thanks to all the rescue packages for the banks, speculation in raw materials and food products is already above the 2008 level, and the UN and FAO are warning of food riots in 80 nations. It is therefore no wonder that people in these countries are increasingly trying to escape from hunger, disease, and hopelessness, and go where they think they might have a chance to survive.

Since the U.S. government is continuing to finance its budget deficits and its bankrupt banking system by printing money, and the EU is likewise pursuing the policy of rescue packages for bankrupt States, inflation has already entered a hyperinflationary phase, i.e., the rate of acceleration of inflation is increasing. The FAO world food price index rose by 43% in 2010. Add a food shortage to the price inflation, and an escalation of food riots is imminent.

Germany and the EU

If Chancellor Angela Merkel's and President Nicolas Sarkozy's plan is accepted by the EU summit in Brussels today, this will be a big step toward European economic government. The other EU members, in exchange for Germany's provision of additional "guarantees" to the EFSF (European Financial Stability Facility), would have to accept the German model—that is, the "debt brake," increasing the retirement age, and other measures to "harmonize" economic and financial policies among the EU members. This would mean avoiding the central problem of the systemic crisis altogether. The EU will continue to move toward becoming a transfer union,[1] and the German taxpayer will have to

1. This is a term specifically created for this situation in the EU, mean-

bleed, as Alexander Dibelius, CEO of Goldman Sachs in Germany, bluntly demanded in *Bild* newspaper. The fact that this will strengthen the role of the Council of Europe (the heads of government) compared to the EU Commission, does not make the policy one iota better.

Not only is the euro increasingly unpopular, but a recent survey by the Allensbach Institute showed that confidence in the EU has shrunk so much, that only 41% of citizens see their future in a unified Europe. The pollsters trace the population's discontent back to the fact that all major decisions on European integration of the last 20 years were pushed through against the will of the German people. After the debt crisis, the EU's reputation quickly fell to a new low.

There is no risk in forecasting that this reputation will drop a great deal lower if Europe's governments accept the plan that German State Secretary Jorg Asmussen has announced for the summit of the Council of Europe on March 24-25, and which will consist of a package of "fiscal consolidation, growth-promoting structural reforms, and amendments to the Stability and Growth Pact." These are simply cosmetic corrections to monetarist austerity policies, which will change nothing with respect to either global hyperinflation or the role of Germany as paymaster.

Clearly, the political establishment in Europe does not understand why citizens are sick and tired of "Europe," nor does it perceive the growing gap between its own notions of European or even world "governance" and the state of mind of the people. A typical example is the amazing lack of perspicacity that led none other than George Soros to be invited to present his drivel at the Munich Security Conference. All this is reminiscent of the famous last words of Erich Honecker: "Socialism in its course . . ."[2]

Develop Africa!

The only chance to prevent a plunge into chaos lies in applying to Europe the conclusions of the U.S. Angelides report [see article in this issue], namely to introduce immediately, in all European nations, a two-tier banking system [known as Glass-Steagall in the United States], to restore sovereignty over one's own currency, and to place on the agenda productive credit creation for a real development program for Africa. A very important part of this would be a whole package of water-management projects, to make water available for irrigation, industry, and urban development.

This includes the construction of a tunnel or canal from the Mediterranean to the Qattara Depression in northwestern Egypt, using that water to operate a number of hydropower plants; the formation of a lake that could contribute to the creation of new, small weather cycles, as the water is evaporated by the Sun, falls back down in the form of rain, and contributes to the development of new agricultural land. Relieving the burden on Cairo by building a number of agro-industrial satellite cities could be a first concrete step, which would show the young people of Egypt a way forward.

Developing modern versions of the plan by the French engineer François-Elie Roudaire [see *EIR*, Jan. 28, 2011, p. 44], who, at the end of the 19th Century, suggested that the salt lakes of Algeria and Tunisia, which regularly dry out in early Summer, could be supplied with water, using the vegetation that would then begin to grow, to develop new areas of precipitation, and thereby, turning areas that are now desert, and subject to food riots, into breadbaskets for the whole of North Africa.

The Transaqua project, which has been much discussed, could bring the surplus waters of the Congo River, by a river and canal system, to Lake Chad, which has been dried out to 10% of its original size, thereby creating the conditions for irrigation of much of the Sahel. Other water projects for Ethiopia, Eritrea, Sudan, Chad, and Egypt could, in a few years, turn a significant part of the vast deserts into agricultural regions and help to eliminate hunger in Africa. Many of these projects have been lying on the shelves of the engineering firms for a long time, and could be started up immediately.

Any thinking person—and anyone who is not morally already dead—can see that mankind has reached a crossroads. If governments continue as they have been doing, and bail out the speculators at the expense of the taxpayer, while the whole social structure is being destroyed, there could soon be Egyptian conditions anywhere on the planet. And vice versa: If we now place a development perspective on the agenda, young people around the world will once again have hope for the future and see a reason for learning, studying, and developing their creative potential.

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ing that the debt of one or more EU members gets transfered to one or more others; this is specifically ruled out by the Lisbon Treaty.

2. East German communist leader Honecker said in a speech in Berlin on Oct. 7, 1989 (as his government was collapsing), *"Den Sozialismus in seinem Lauf halt weder Ochs noch Esel auf"*("Neither an ox nor an ass can stop the progress of socialism." The adage was originally coined by German socialist August Bebel (1840-1913).

LaRouche Movement Launches Campaign for Germany

Feb. 5—The Jan. 29 congress of the Berlin branch of the Civil Rights Solidarity Movement (BüSo), the party of the LaRouche movement in Germany, initiated a new phase in its battle to bring the nation into the fight for a new world credit system. While the official business of the congress was to launch a 20-person slate of candidates for the Berlin elections to the House of Deputies and the mayor's office, scheduled for September 2011, the real subject was not a "Berlin election campaign," but bringing to all of Germany the fight for a solution to the global economic and social breakdown.

Approximately 90 guests attended the congress, which featured a keynote by BüSo chairwoman Helga Zepp-LaRouche, and a speech by the mayoral candidate of the Berlin slate, Stefan Tolksdorf. Both speakers went beyond "practical politics," and took direct aim at the false assumptions about money, and the nature of man, that permeate politics in Germany, as elsewhere.

EIRNS/Sergei Strid

Helga Zepp-LaRouche gave the keynote speech at the BüSo party congress in Berlin, reminding the 90 members and guests that, while time is short, it is not too late to reverse the crisis, with the adoption of a global Glass-Steagll policy.

Euthanasia, Never Again!

The chairman of the BüSo in Berlin, Dr. Wolfgang Lillge, opened the event with a discussion of the recent victory which the party won against the reinstatement of euthanasia in Germany. Speaking as a medical doctor, as well as a political activist, Lillge described how the mobilization of the LaRouche Youth Movement in Germany, with Zepp-LaRouche's leaflet denouncing the new drive to get doctors to accept "physician-assisted suicide" as the equivalent of Nazi euthanasia, has succeeded in setting back this Nazi campaign.

In the course of this mobilization, Lillge said, the BüSo activated members of other political parties as well, but it was the only party that approaches this "issue" on the basis of the principle of the sacredness of human life. That's how we must continue our battle, Lillge said, in order to win.

Lillge's presentation was followed by a performance of Ludwig van Beethoven's "Choral Fantasy," by a chorus of youth movement members, several of whom are also candidates for the upcoming election. As intended, the performance set the stage for a high level of discussion throughout the meeting, emphasizing that man can only solve today's problems by mobilizing on the basis of universal principles. That very idea is expressed in Beethoven's text:

"Something great, pressed in the heart, then blooms anew and beautifully aloft. When a spirit soars, a chorus of spirits always resounds. Accept then, you beautiful souls, happily, the gifts of beautiful art. When

love and strength are married, God's grace rewards mankind."

Zepp-LaRouche: We Have Been Right

In her keynote address, Zepp-LaRouche stressed that her party was the only force in Germany with the necessary ideas to resolve the current crisis. At this very moment, we stand before the outbreak of hyperinflation and, while brutal austerity is being proposed, trillions more dollars are being handed out to the bankrupt financial institutions. But there's good news from the United States.

Zepp-LaRouche then described the release of the Financial Crisis Inquiry Commission report, a.k.a., the Angelides Report, which explicitly states that the crash of 2007-08 was avoidable, and was the clear result of human decisions. This report is an affirmation of the economic forecasts which my husband, Lyndon LaRouche, has presented over decades, she said. "With this, we have all the authority we need" to act in this crisis.

She next described the measures which must be taken now, starting with the reimposition of Glass-Steagall, the rescue of the cities and states, and then the launching of major infrastructure projects, not only in the United States and Europe, but also in Africa, Eurasia, and so forth.

Zepp-LaRouche then turned her attention to the cultural paradigm-shift which has been responsible, over the past 60 years, for creating this crisis. Starting with the founding in 1950 of the Congress of Cultural Freedom, she described how its existentialist ideology has spread pessimism, and prevented any positive approach to solving mankind's real problems. In this connection, Zepp-LaRouche then elaborated on the outlook of Nicolaus of Cusa, the intellectual author of the Italian Renaissance, who understood man as a creative and responsible being in the universe, whose responsibility was to develop himself, and his capabilities to improve the biosphere and his fellow man.

Regional Campaigns

After an extensive question-and-answer period with Zepp-LaRouche, the agenda shifted to the candidates, beginning with Eugenia Fix, who is running in the state election in Baden-Württemberg, and Barbara Spahn, the lead BüSo candidate in the state of Rheinland-Pfalz, whose capital is Mainz.

Fix, a member of the LaRouche Youth Movement who has been at the center of the BüSo battle against the green terrorists who are attempting to stop the improvement of the railroad system in Stuttgart, addressed the question of thinking long-term, over generations. What we create now, must be with an eye to generations that will come after us, 50 to 100 years from now, she said.

Spahn challenged the audience to think big, and elaborated on the historical legacy of Franklin Roosevelt and his battle for a just world economic order.

The Berlin Campaign

The second major speaker of the Congress was the recently chosen mayoral candidate for Berlin, Stefan Tolksdorf. Tolksdorf stressed that while his campaign will be run in Berlin, it is actually being run *from* Berlin for Germany as a whole, and, in fact, the entire world. Among our key constituents, he said, is the Federal government, the Bundestag (Federal parliament), and the Chancellory itself, where, he noted wryly, things have clearly been in some disarray.

Tolksdorf described a recent meeting he had had with someone in an important post in the Bundestag, in which the individual had *no idea* of a solution to the crisis. Worse yet, when this person was asked to push for a Pecora-type commission to investigate the causes of the financial collapse, he fell back on the legalistic argument that, "We can't just send public prosecutors into the banks without reasonable grounds for suspicion!" We, of course, can show him many reasons for suspicion, starting with the role of Goldman Sachs in falsifying the books of Greece.

But, on the other hand, it is clear, Tolksdorf said, that certain political forces in Germany are slowly coming around to the idea that the Green Party and the green movement are a problem *per se*; these people are campaigning against the Greens' sabotage of all necessary economic policies.

Tolksdorf then asked the audience to confront the false ideas in their own heads, especially the ideology of free trade. "If your noggin is filled only with junk," he said, "because that's what you learned at college, then you seldom see anything *but* that, unfortunately." He then turned to the case of the famous American abolitionist, statesman, and former slave, Frederick Douglass, to illustrate the curse of mental slavery, as the worst curse there is.

Turning on the Light in Your Mind

"Douglass is a remarkable person," Tolksdorf said, "one through whom, as you get to know him, you can become truly enriched. As he was growing up as a slave, he naturally experienced what all other slaves went through. Slaves were forbidden to learn to learn to read and write, but with Douglass there was a certain "accident," since, when he was seven or eight years old, he entered a household where he had to care for a small child. And these were Christians—nominally Christians, at any rate—whose child it was, and as the wife was teaching her own son the alphabet, she always had little Douglass by her side—for her, it was a completely normal thing. He simply learned along with them, and he enjoyed it, and just as any other child would, he absorbed every bit of knowledge, and was glad whenever he achieved something—that is, up to the day when the husband realized what was happening, and, in Frederick Douglass's presence, gave her a tongue-lashing, saying: 'Don't teach that nigger to read, because you'll make him unfit to be a slave for the rest of his life.'

EIRNS/James Rea

Stefan Tolksdorf, the BüSo party candidate for Mayor of Berlin, held up the example of the great American abolitionist and ex-slave Frederick Douglass, as a model for today's youth.

"That was a turning-point for Douglass, because at that moment, it became completely clear to him, what he had to do in order to survive. And he describes what happened to him. Now when he studied the alphabet—he got help from other children whom he encountered on his errands—and then he got a little book containing speeches, one of which was by a certain Sheridan, an Irish-American, about slavery—against slavery.

"And he said, 'The more I read that, and the more I absorbed of it, learning to understand certain words which I had to ask about, the more light suddenly shone into my mind. Because I could not put words to thoughts which were already present in my soul, thoughts which otherwise would have been hushed and, like fleeting shadows, never graspable.'

"And then later, as an old man, he said that the worst thing about slavery isn't the chains; it's not the floggings, and it's not the rapes, and it's not the killings. But rather, he said, all these are horrors, but the very worst thing about slavery is the way that the enslaved mind is kept in permanent darkness. Your mind is so dark, he said, that you don't even have any idea of your own identity.

"And now, when you take a look at what our youth culture is today, it's exactly the same: without being chained, without being whipped, and people still pay their miserable money for it. They pay miserable piles of money, just to hang around in clubs where it's so loud you can't even hold a conversation, and you go back home with your head buzzing, and what with all the alcohol, drugs, and so forth, you remember little of what happened—and then you keep on partying.

"So, more people today have to take the step which Douglass took, and we're a good place to set that into motion, so that we can bring light into people's heads somewhere."

Tolksdorf concluded with an attack on pragmatism, and call for those present to join with the U.S. LaRouchePAC electoral slate, and the other candidates in Germany, in order to put the real solution to the crisis on the agenda.

Following Tolksdorf's presentation, the full slate of 20 candidates for the Berlin election was presented, and each candidate got the opportunity to address the body briefly. They were then voted up with an overwhelming majority.

The Global Truth About The 'Egypt' Crisis

by Jeffrey Steinberg

Feb. 8—Since the initial demonstrations in Cairo, Alexandria, and other Egyptian cities on Jan. 25, Lyndon LaRouche has been emphasizing that the so-called "Egypt crisis" cannot be understood, unless situated in the context of a global disintegration of the entire financial system, which is creating impossible conditions throughout much of the planet, starting in the trans-Atlantic region. Unless the bankruptcy of the entire system is redressed, and soon, the entire planet is headed into a New Dark Age.

"We are walking on thin ice," LaRouche said today."We have reached a point of vulnerability in the entire global system. Any regional assumptions about the nature of this breakdown crisis are trumped by this one, overriding global reality. Unless we remove President Obama from office, and immediately implement Glass-Steagall, wiping out $17 trillion in gambling debts, and return to American System credit, the planet is doomed to several generations of sheer Hell."

In discussions with colleagues on Feb. 6, LaRouche elaborated on this point, while also discussing the implications of NAWAPA for the Maghreb and Nile River region:

"Now, we're in a crucial situation in terms of Egypt. And I will, right off the top, indicate what the policy has to be: We have a good situation in Egypt. It doesn't mean this is a cured situation, it means it's a good situation. It's a winnable situation, in which the winning is not guaranteed. And what we're doing, and what our influence is in this process, is part of helping to make this a winnable potential, as opposed to a foregone conclusion. What has happened, of course—there, is the Hillary Clinton factor of the Secretary of State, and some other things, have taken over, where the idiotic President, the numbskull, the halfwit, is not fully in charge. Because he couldn't be in charge, because he's a halfwit. And so, therefore, this is crucial.

"But, what are we going to do? Well, we have a group of nations, which are, in a sense, partly centered on the Nile, but also bear upon an adjoining state, called Chad, which is a disaster state. We have, in respect to the disaster state, Chad, we have the Chad policy, for rebuilding Lake Chad—that program, which is opposed by Europeans, but a lot of Africans are for it. And it's treated as a very minor extension of the concept we have for NAWAPA [the North American Water and Power Alliance].

"So therefore, if you look at this area, and look at the area as a whole, Egypt, number one; then up the Nile—and then, into Eritrea, into Ethiopia, into Chad: Now, the aforesaid states, are states which are associated with the Nile system. So think about the Nile system.

"Now, also, think about the project of the Qattara Depression. For a long time, it's been understood that this is ancient lake, which is very much salinated by its history, because Africa has a very strange history in terms of these kinds of changes in climate. Once it was very green, very luscious, covered with water, covered with all kinds of things, like that during the period of the last glaciation; and then it became very dry, and lots of problems and so forth. But these characteristics of the land-area remained."

Wikimedia Commons

The so-called "Egypt crisis," LaRouche states, can only be understood in the context of the breakdown of the entire global financial system. Shown: the massive demonstration in Cairo's Tahrir Square, Feb. 8, 2011.

Let's Make Our Weather!

"Now, remember," LaRouche continued, "as you look at what we're doing with NAWAPA, we do not talk about the land-area, its potentialities and so forth, in the usual fashion: Is this a good place to build a shack? No, what we do, is we *make* our landscape! We now *make* our weather! We're not fully skilled at that, yet; we're limited in what we can do, in making our weather. But we are beginning to make our weather. The Three Gorges Dam is an example of making our weather. NAWAPA is the ideal example, of making our weather.

"Now, let's make our weather in that area! The quasi-desert area. Well, you have two things: Egypt, until 1982, was one of the leading nations of the world in grain production. Ah-ha! That's gone away! The greatest area for grain production in all of Africa is Sudan, which has made some steps in that direction, despite the British. So you have also, the entire region, which as a water system, goes to Eritrea in part, to Ethiopia; and if you have an agreement between the southern part of Sudan and the main part of Sudan on cooperation in these projects, water projects and food production projects, you can do fine.

"If we just put the Lake Chad project into this, which is taking a NAWAPA-type approach to the Chad problem, of taking the surplus water coming out of the Congo, and putting some of it across the mountains, as we're doing with NAWAPA, we now, with nuclear power, can now re-create Lake Chad. And the re-creation of Lake Chad will mean a change in the character of the whole area.

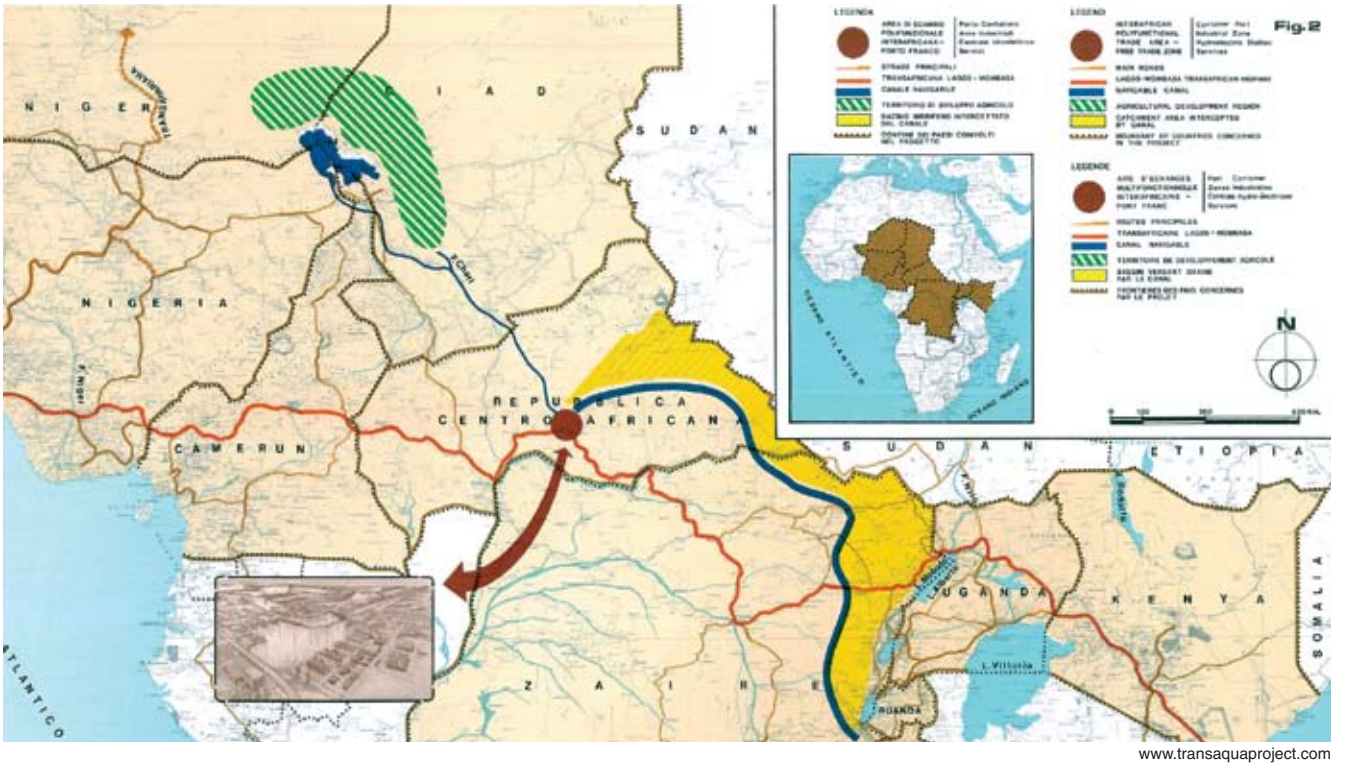
"So, if we include the Congo/Chad, Zaire/Congo/Chad operation, with the other nations, with Egypt, with Sudan, Eritrea, and Ethiopia, now you have a project, which begins to crack the Africa program! Because what you now have to do, is you have to say, 'Well, nuclear power, and modern high-speed transportation, by connecting Africa through the Middle East, by connecting it to Asia and Europe, you now have changed the destiny of Africa.' And you're not going to count on merely what kind of weather you have now, *you're going to make it!* You're going to do the things that change the pattern of weather, by increasing the incidence of evaporation over a large territory, which now is going to make fertile and productive an area which you now call 'desert.' So that's the process.

"So now we're going to make it. We have an Egyptian crisis, and without introducing a factor of this type, you may be able to control the present, maybe, but you're not going to control it for the long term—unless you do this!

"So, we've got to take the kind of thinking which is typified by NAWAPA, and apply that kind of thinking to other parts of the world. That's the only way we're going to deal with the problem.

But the real problem is psychological. It's in the mind of people. And therefore, they don't have a perspective of success. They are a *defeated* people in their own mind: They say, 'We have these problems! We're overpopulated....' Arrhhh! Well, I know how we could help that process a little bit. I've got a list, of specific cases of overpopulation. I wouldn't call it 'over'-population. Let's call it 'mis'-population, and I don't mean 'ladylike'! But only apart from the *mis*-population issue, we're not over-

FIGURE 1
The Transaqua Plan for Water Infrastructure Development



www.transaquaproject.com

The development of the Lake Chad basin is only part of the huge Transaqua project. "If we include the Congo/Chad, Zaire/Congo/Chad operation, with the other nations, with Egypt, with Sudan, Eritrea, and Ethiopia, now you have a project, which begins to crack the Africa program!" LaRouche exclaimed.

populated; what we are, we're *under*-developed!

"So therefore, when you look at Egypt, today, what are you looking for? You're looking back to 1982. In 1982, Egypt realized—what I admired very much at the time—that, there's no way, by spending money on Cairo and Alexandria, in those days, back in 1982, by which you could not go from worse to worst. Every bit of money you spent in trying to manage the ghetto, made things worse, not better. So, they realized, that trying to jam all this propagation and population into these two cities in similar conditions, was a piece of folly!"

We Will Create New Cities

"So, they said, 'Oh! Well, we have nuclear power available, don't we? We can do something. What can we do with the aid of nuclear power? Well, we can start to reorganize the water management of this region! We are now going to create new cities, as satellites of the existing cities. They will be true cities. We will build them, we will take yellow sand, and by known principles, and with the aid of nuclear power, we are going turn yellow sand, into brown sand, and then into black sand, black earth.

" 'Now, we're going to take these cities, and we're going to call them agro-industrial centers. At the one time, we are building up the land-area: going from yellow to black land. On the side, this is going to create the new agriculture, the new food supply.'

"Now, remember, at that point, Egypt was also a major food producer, which it is not any longer, especially in grains. That was taken away. What happened is, Henry Kissinger and company moved in, as agents of the British, and said, 'No.' And Egypt went down, down, down, down, down, down, as a result. And, of course, Egypt is a key cultural center of all Northern Africa. One of the *oldest* cultural centers of Africa! The Great Pyramid, for example, was not built by slaves! It was built by artisans of a population! By technologies which boggled the imagination of people who tried to account for the Great Pyramid before them.

"So, if Egypt is going down, and you look at the history of Egypt, as known to the ancient Greeks, you understand this. So therefore, obviously, only by reversing the 1982 decision imposed upon Egypt, could you solve the problem of Egypt! The existential problem of Egypt.

"So, what if you take Egypt, and you take the idea of the Nile: The Nile is a water system! What's the problem of Northern Africa? Water! Water systems! So, now you have to build an improved water system, and there are many things you can do about that. This requires a lot of assistance from nuclear power, utilization of nuclear power. It means the approach which the Egyptians had in 1982, with the agriculture minister, who was behind this operation at that time—and do it!

"But it means, you've got to take the Nile, and look at the Nile itself, as a development project, including the White Nile and Blue Nile and so forth; which means you're going into Eritrea, you're going into Ethiopia. It means you're going into the southern region, which is a very impoverished region. It means that you're going to reach out into Chad, but you have to do that from Congo, from Zaire, with nuclear power.

"Now, you're going to change, and create a new climate in Africa, by exertion of the human will. Only if you do that, only if you have that determination, are you actually going to *solve* the problem, the existential problem of the region, now.

"So therefore: Creativity.

"And the solution, to the present Egyptian crisis can not be a permanent solution, but only a temporary one, until *this* is put in! More important, is the imagination of the Egyptian! Because if you're going to do something with Egypt, you've got to get the attention of the people of Egypt. It's not going to work unless the people of Egypt decide, that's what they want to do. So therefore, you're going to have stimulate that understanding, that knowledge among them.

There Is No Egyptian Problem

"Therefore, you can not talk about 'the Egyptian problem!' There is no Egyptian problem! It's primarily a European problem. Because all these conditions were imposed, by the Mediterranean imperial power, which at one point was Rome; there were conditions before. When you look at the Great Pyramid, you saw what conditions that Egypt was in, after the Great Pyramid—you see a degradation of quality. And you know about great wars and so forth that were fought throughout those regions, at least great on those terms at that time; which brought them down! So you saw *de*generation, from the level of the Great Pyramid, to the time we know in modern historical times.

"Look: It's not Egypt. That's the whole point. The argument is, this is Egypt. *It's not Egypt.* It's Europe. It's the Mediterranean region. It's a grand, global operation. It's not an Egyptian problem! It's a problem which has been *spilled into* Egypt, it is not an Egyptian problem!

"Now, what you do have? You have a President of Egypt, who is now aged in his own terms. He used to be a brilliant pilot, combat pilot; he's now President, and he's on the fag-end of his career. And he has a wife, who has a son. And the son is a young opportunist, or younger opportunist, who wants to become President, and the mother is leaning toward affinities with the British, from the perspective, the British have won, over Egypt, what Egypt wanted to become in 1982. So, he's a man who is on the defeated end of life, who is looking for a legacy, for himself, for his family. Who implants this legacy as a burden on his son, who is a failure at this point, and a wife, the mother of the son, who is looking for opportunities, which she, like her husband, see as the legacy conveyed to the future, by their son.

"In other words, they have retreated from combat, for the future. They're trying to settle down, to something which will be a satisfactory conclusion of their existence, in the hope that their son, and their son's name, will carry their past into his future. So that's the problem.

"But the point is, the entire Maghreb, the entirety of Africa, the entirety of the Middle East, and also the entirety of Europe, the entirety of the trans-Atlantic is what's collapsing. It's not Egypt. It's the entirety of the trans-Atlantic region! As opposed to the Pacific region, which has problems, but the problems are not yet, intrinsically as severe.

"So that's the way it is. And there is no such thing as an 'Egyptian problem,' that can be solved as an Egyptian problem. That's why I said, today, you have to think about Egypt, Sudan, Eritrea, Ethiopia, and Chad. And it's by adding the name of Chad into that collection, that you now have an adequate definition, of what the alternative is, to what the collapse of Egypt might be. Because you've got the same principle, as in the Chad case, of the Lake Chad operation, as in NAWAPA. When you include the Chad development, among these nations, which are the Nile-based nations, you have the same kind of thing.

"So you have to think, not of how you 'solve' a problem, but how you create a state of affairs which takes you *outside* that problem. The world is now of that nature, as NAWAPA typifies that. Don't try to 'solve' the problem, of the world as it's organized, the United States as it's organized: Step *outside* the way it's organized! And find the new, higher plateau, from which you're going to operate, which NAWAPA typifies."

Can President Karzai Undo U.S.-U.K.-Saudi Afghan Plan?

by Ramtanu Maitra

Jan. 29—Afghan President Hamid Karzai is now replacing the Taliban as the number one enemy of the Washington-London-Riyadh nexus in Afghanistan. Here is the evidence.

On Jan. 26, Karzai inaugurated the Afghan Parliament, ending weeks of intense political pressure from the Obama Administration, in particular. Afghanistan's government was plunged into political crisis early January, when Karzai decided to delay the opening of the Assembly by a month, to give more time the the special court he had set up to investigate fraud in the Sept. 18 elections. Karzai was concerned about the lopsided election results, cleared by the election commission, that made the representation of the majority Pushtun community a minority. The Free and Fair Election Foundation of Afghanistan (FEFA), an independent Afghan poll-watching group, documented 583 instances of pre-voting electoral violations, in a scant 40 days. FEFA indicated major problems with the legitimacy of these elections.

Because of the complexity thrown up by a faulty election, former Indian Ambassador M.K. Bhadrakumar, in an article in the *Asia Times* Jan. 25, titled, "U.S. Wants To Clip Karzai's Wings," pointed out that Karzai had no choice but to order a special tribunal to review the election results. Bhadrakumar noted that close to half of the Afghan population consists of ethnic Pushtuns, and yet, 75% of parliamentary seats have been "won" by non-Pushtuns. The Hazaras constitute 10% of the population, but they "won" 20% of the seats, including those in the Pushtun-dominated regions.

But, Karzai's plan to delay convening the Parliament until the special tribunal could present its findings, came under intense attack from the Obama Administration. Several Western envoys, including U.S. Amb. Karl Eikenberry and UN envoy Staffan de Mistura, indicated they planned to attend the inauguration with or without Karzai, diplomats involved in the meeting in Kabul told the media (Yaroslav Trofimov, "Afghan Parliament Plans Session, Defying Karzai," *Wall Street Journal*, Jan. 20). Doing so would recognize the new Parliament and be a blow to Karzai. "This is a litmus test for the international community," one ambassador said. "Karzai believes he can freely do what he wants, but Sunday will be a wakeup call."

The Obama Administration's nasty attitude toward the Afghan President reflects a much larger problem. Washington, despite its statements expressing commitment to sovereign nation-states and democratic process, considers Karzai as its own handmaiden. In other words, Karzai is allowed to differ with the United States on small issues, but not on larger ones. On larger issues, the diktat of Washington and London must prevail. Otherwise, as Bhadrakumar pointed out, the U.S. will use the "ethnic card" to "entrap" Karzai, and bring the Afghan leader to his knees.

The Real Reasons

Karzai had long been a target of the Obama Administration. President Obama, and his entire retinue that presides over this failed U.S. policy in Afghanistan, found the Karzai to be an obstacle to the Administration's plan on how to "resolve" the Afghan issue. The plan, orchestrated from London and Riyadh, with the hapless United States caught in a mousetrap, is to keep the almost 100,000 U.S. troops in Afghanistan, battling the insurgents. The objective is to secure control of some of the areas now under control of the so-called Taliban. Meanwhile, money will be pumped in, to recruit and provide "hands-on training," often as short as six weeks, to hundreds of thousands of Afghans, and then, declare them to be well-trained Afghan National Army personnel ready to take on the insurgents. None of this is either true, or viable for any length of time.

However, once these two optimal conditions were achieved (i.e., whenever Washington declares that such

Presidential Press and Information Office

Afghan President Hamid Karzai (left) has been a target of the Obama Administration, but he is finding friends elsewhere. During Karzai's visit to Moscow in January, he and Russian President Dmitri Medvedev (center) began taking steps to restore economic and political ties between their two countries.

a situation has been attained), the London-Riyadh plan will go into motion. This plan would ensure an undeclared partition of Afghanistan, whereby the insurgents in southern and eastern Afghanistan, the vast majority being ethnic Pushtuns, will be separated out by the U.S. and NATO troops who will provide a semi-circular ring to contain the Pushtuns. This would ensure security to the Hazaras in the West and Tajiks, Uzbeks, Nuristanis, and other ethnic groups, who are not openly against the foreign troops, "protection" from the marauding Pushtun majority. This plan has been laid out by neo-con Robert Blackwill in a number of journal articles, including one in the Council on Foreign Relation's *Foreign Affairs* magazine (Robert Blackwill, "Partition as Plan B," *Foreign Affairs,* January-February 2011), and in a speech on Sept. 12, 2010 at the British Empire's think tank, Chatham House (Royal Institute of International Affairs), in London.

Beside its blatant colonial nature, this proposal is a tacit admission that the foreign troops will be in Afghanistan for an indefinite period of time, to "protect the Hazara-Tajik-Uzbek and other minorities of Afghanistan" (who could believe such a pretext?), and may remain on guard at the threshold of the Eurasian landmass, where three major powers, Russia, China, and India, may try to extend their political, economic, and military influence. The other interesting aspect in this proposal is that President Karzai is, in effect, a redundant force.

In fact, to the U.S.A., the U.K., and the Saudis, Karzai is worse than redundant. He is a downright nuisance. Why? To begin with, Hamid Karzai had made clear years ago, that the foreign troops must leave Afghanistan lock, stock, and barrel, a stand supported by the Afghan population. That view did not go down well with the Washington-London-Riyadh alliance.

Secondly, Karzai, being a Pushtun from Kandahar, with royal blood in his veins, does not want any form of partition of Afghanistan. For years now, he had nailed the British troops, present in thousands in the Pushtun-dominated Helmand and Kandahar provinces since 2005, for organizing Pushtuns against him. In 2007, he summarily kicked out two MI6 agents who were bribing and training some of the insurgents to form a militia under British control. As recently as last November, the British intelligence agency MI6 was further exposed in an embarrassing controversy, after it emerged that they had taken a Pakistani shopkeeper from Quetta, whom they falsely identified as the key Taliban commander, Mullah Akhtar Mohammed Mansour, to Kabul to meet Karzai for sensitive peace negotiations. The MI6 objective was to find out, through these talks, what Karzai was planning, who has contacts within the Taliban and other insurgents, and what his game plan is to counter the Washington-London-Riyadh partition plan.

Why did MI6 take the risk of being exposed? At stake was the Washington-London-Riyadh plan to handpick Pushtun leaders to rule various Pushtun provinces. These have already been identified as "good Taliban" and they would be rewarded, and "protected," for carrying out what the U.S.-U.K-Saudi crowd wants. Karzai, on the other hand, did not approve of these "good Taliban" leaders, since they would be dependent on the foreign troops, who would use this as an added excuse to remain entrenched in Afghanistan. Karzai has wide-ranging contact within the Pushtun community, and has specific ideas on who should be in charge and who should not be. This is a serious conflict point between the Obama Administration and

Karzai.

In addition, the Afghan President incurred the wrath of Ambassador Eikenberry, and of Washington, when he made it clear that he does not want private security firms to operate in Afghanistan. According to AFP correspondent Waheedullah Massoud, in his article, "Karzai, U.S. Ambassador at odds over private security," on Jan. 5, Karzai told a NATO official, his first Vice President Mohammad Qaseem Fahim, his National Security Advisor, his Interior Minister, and other officials, that he was trying to dismantle the private security firms, nor does he want to add another 25,000 personnel to the firms, according to a senior official at Karzai's palace, who declined to be named.

Karzai said the plan ran counter to the goals of strengthening Afghan forces and national institution-building, the official said. The unnamed official added that the U.S. ambassador argued that billions of dollars' worth of development projects would not go ahead unless they were provided with security, and that private security guards were the solution.

A Larger Area of Conflict

Beyond that, Karzai has also taken some initiatives which have not been received kindly by the Obama Administration. During his visit to Moscow Jan. 21-22 (which made Ambassador Eikenberry very unhappy, ostensibly because the visit was carried out without consultations with any of his coalition partners), the Presidents of Afghanistan and Russia agreed to take steps to resurrect economic and political ties that have been almost nonexistent since the fall of the Soviet Union.

The meeting between Karzai and Russian President Dmitri Medvedev was highlighted by the signing of an agreement that could pave the way for Russia to participate in "priority economic projects"—including ones left unfinished after Soviet forces pulled out of the country in 1989, following nearly a decade of war. Kabul's interest in increasing trade was visible in the size of Karzai's delegation, which *Moskovskiye Novosti* correspondent Arkady Dubnov told RFE/RL's Russian Service on Jan. 21, contained most of the Afghan government.

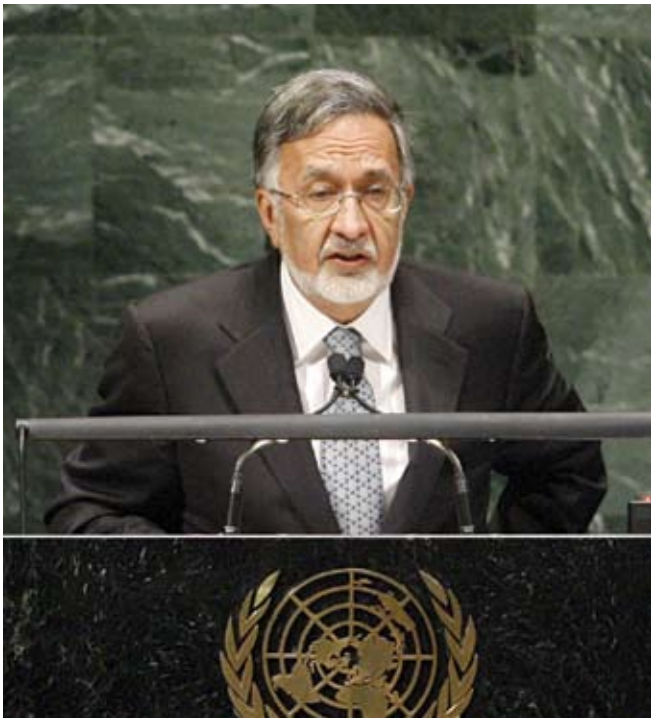
Trade with Russia reached $500 million in 2010, according to Karzai, and Moscow's technical know-how in the energy sector can help the country. The agreement said that Russian specialists will help in upgrading the Noglu hydropower plant and in building small power plants in other regions. Russia is also in talks to help rebuild the strategically important Salang Tunnel, a north-south route through the Hindu Kush Mountains; a customs terminal; and a university in Kabul. Russia has also promised to supply industrial sprayers to destroy the opium poppy.

Last December, Karzai said there were suggestions that the Taliban would open a representation office in Turkey or another impartial country "to facilitate reconciliation" in Afghanistan. Responding to a reporter's question while attending the Pakistan-Afghanistan-Turkey Trilateral Summit in Istanbul, Karzai said Kabul would be happy if Turkey could provide such a venue, Anatolia news agency reported on Dec. 26, 2010. Turkish President Abdullah Gul said he was not aware of such suggestions, but stressed that Turkey "will do anything that would contribute to stability and security in Afghanistan," according to the Anatolia news item.

It was the fifth such meeting since 2007, when Turkey launched the initiative to push Afghanistan and Pakistan to enhance cooperation against insurgents and improve ties poisoned by the insecurity plaguing their non-demarcated border.

Kabul has also announced that Iranian Parliament Speaker Ali Larijani will visit Afghanistan in the near future. Last November, Iran's ISNA news agency reported on Larijani's comment to the visiting Afghan Foreign Minister Zalmay Rassoul in Tehran, that the "growth of extremism in the region is the outcome of strategic cooperation of international powers and some of their regional allies." The "solution to the Afghanistan crisis is closely related to regional cooperation and the transition of responsibilities to the Afghan people and popular government," Larijani said, adding, "the policy of the Islamic Republic of Iran has been assistance to progress, economic development, and independence of Afghanistan."

The keystone of President Karzai's efforts to bring the regional powers in to resolve the Afghanistan crisis lies in his success in bringing Pakistan into the discussions. Karzai was always looked at with suspicion by Islamabad because of his close association with India, in particular. Pakistan's suspicion about India's significant investment in Afghanistan's economic and infrastruture development, aided by support from Washington, is that India has been active in keeping Pakistan out of Afghanistan. This has also enhanced Islamabad's



UN/Rick Bajornas

Creative Commons/Sebastian Zwez

Following a meeting in Islamabad on Jan. 27, with his Afghan counterpart Zalmay Rassoul (right), Pakistani Foreign Minister Qureshi (left) announced the formation of a new commission, "to achieve peace and security in the region."

suspicion about Washington.

Some recent efforts by Karzai, aided by Turkey, have initiated a process aimed at improving his relations with Islamabad. To begin with, India's strategy of preventing the Taliban from returning to the center stage of Afghan affairs had relied on America's ability to militarily enforce stability. As a result, New Delhi toed Washington's line in Afghanistan, underestimating Pakistan's ability to undo what Washington and London plan to do. According to Smruti S. Pattanaikan, in her comment of Jan. 28, at India's leading think tank, IDSA, "India in Afghanistan: Engagement without Strategy," "The truth of the matter is that Pakistan remains central to the success of the process of reconciliation and reintegration." In the words of Pakistan's Prime Minister Yousuf Raza Gilani, "Nothing will happen without us, because we are part of the solution."

On Dec. 14, 2010, Bruce Riedel, a former CIA official, and now a senior fellow at the Brookings Institution, told the *New York Times* (Elisabeth Bumiller, "Intelligence Reports Offer Dim View of Afghan War") that there are serious limitations that America faces in Afghanistan and that "we cannot make Pakistan stop being naughty."

The Peace Council

Karzai formed a 70-member peace council last October, for talks with the Taliban and other rival groups; however, the Taliban have rejected any talks with the council. Taliban spokesman Zabihullah Mujahid said that there is no change in Taliban policy and there will be no talks with anyone unless the foreign troops leave Afghanistan.

In early January, former Afghan President and head of the peace council Burhanuddin Rabbani arrived in Islamabad and sought Pakistan's help to persuade the Taliban to agree to a dialogue."We want Pakistan to help us for peace, security, stability, and to encourage the Taliban to come to the negotiating table," Rabbani told reporters in Islamabad. He said Pakistan and the Afghan peace council had agreed on the formation of a joint mini-Jirga, or council, to work for the removal of misunderstandings between the two countries, and to discuss bilateral security issues.

Subsequently, on Jan. 27 in Islamabad, Pakistani Foreign Minister Shah Mehmood Qureshi announced the formation of the new commission at the end of a meeting with his visiting Afghan counterpart, Zalmay Rassoul. Speaking at a joint news conference, Qureshi

reiterated that Pakistan is committed to the fight against terrorism.

Pakistan was one of the three countries that supported the Taliban government in Afghanistan until the Islamic group was ousted by U.S-led coalition forces. The government of Afghan President Karzai wants Pakistan to use its influence over senior Taliban commanders to bring them to the negotiating table.

"We will set up a two-tiered joint commission at the foreign ministers' level and at the level of senior officials," Qureshi said. "And in this joint commission, we will have the Foreign Office, the military, and the intelligence jointly engaging with each other and working together to achieve peace and security in the region." The Pakistani foreign minister said the continued high-level process of engagements has helped build a strong relationship and partnership between Islamabad and Kabul to achieve their shared objectives. He said the two sides also agreed to set up joint working groups to enhance bilateral trade, and economic and social ties.

"The most important thing is, and that has been the crux of our discussions today, that if we want progress we have to be strategically aligned. And that is exactly what we have done, and we are doing this successfully, and this will bring, in the days to come, positive results," Qureshi said.

What To Expect Next

It is evident that President Karzai is trying to re-set the pieces on the Afghan chessboard to undermine what the Washington-London-Riyadh nexus had planned. Will he succeed? It is difficult to predict the outcome. It must be noted that Washington holds the purse strings, and the Obama Administration is not happy with Karzai.

In addition, the Afghan parliament has a large non-Pushtun majority and Washington and London would like to convince these non-Pushtuns to remove Karzai by "democratic means," as pointed out by Bhadrakumar in his *Asia Times* article. He said the U.S. is counting on the opposition candidate in the 2009 Presidential election, Abdullah Abdullah, and the speaker of the outgoing parliament, Younus Qanooni, to spearhead the opposition to Karzai. Abdullah and Qanooni, as well as Amrullah Saleh, belong to the Panjshiri clan, and the line-up has dangerous overtones of a (Tajik) revolt against (Pushtun) Karzai.

The U.S. is also instigating sections of the Hazaras, whose political influence is at its historical zenith today. The Washington establishment has also co-opted former Afghan intelligence Chief Amrullah Saleh, who was sacked by Karzai last year.

But, that was not the end of Saleh's role. In December, Saleh turned up in Washington, where he gave the keynote address on Dec. 9, at a high-profile, terrorism conference, sponsored by the Jamestown Foundation. He made the rounds of the Washington think tanks, and hobnobbed with big shots. What was intriguing about Saleh's speech at the Washington conference is how well he has tuned himself in to Washington's concerns about Karzai. Saleh mentioned his opposition to any power-sharing deal with the Taliban, and his intense skepticism about the Pakistani role in Afghanistan. And he went out of his way to praise the U.S. forces for their sacrifices on Afghanistan's behalf. An American journalist, Christian Caryl, pointed out that it is no wonder that the man who introduced Saleh made a point of mentioning that his fans include ex-CIA Director Gen. Michael Hayden.

Can the Philippines Be Saved?

by Mike Billington

Jan. 25—"There is a pervasive feeling of helplessness among our population as a series of price increases are being announced in nearly all sectors—i.e., food, transportation, electricity, tollways, water, fuel, and medicine." Thus begins a memo from Antonio "Butch" Valdes, leader of the Philippines LaRouche Society (PLS) in Manila, reporting on the recent founding of a new national organization called Save the Nation, or SANA, which means "hope" in Tagalog. The Philippines, like every nation on Earth, is being hit with the full impact of hyperinflation, driven by the past three years of money printing in the U.S. and Europe to bail out the trillions of dollars in worthless gambling debts, known as derivatives, held by the major Western financial institutions.

The Philippines, however, unlike the other nations of Southeast Asia, was already at a point of social and economic breakdown, brought on by 25 years of leaderless submission to dictates from precisely these international financial institutions.

Before 1986, the Philippines was emerging as one of the rare success stories among former colonies, transforming itself into a modern nation-state, with self-sufficiency in agriculture, nuclear-power-driven industrialization, and the development of education and health care capable of transforming a poverty-stricken population. Most of that potential had been guided by Ferdinand Marcos, who served as President from 1965, until he was overthrown in a military coup in 1986, orchestrated from Washington by Secretary of State George Shultz and his Deputy Paul Wolfowitz—one of the early cases of "regime change" run by the neoconservative imperial interests in London and their allies in the U.S.

The destitution of the Philippines today must be viewed primarily as the *intentional result* of that coup. The country was an early trial-run of what became known as the "color revolutions" in the past decade—popular demonstrations against "authoritarian governments," openly sponsored and financed by London and Washington, with the support of the Western press whores, who serve as a cover for "regime change" dictated from abroad. The "crime" for which Marcos was overthrown was not the corruption and human rights offenses which filled the world's headlines, but the crime of freeing his nation through development, from the control of the London-centered financial oligarchy.

SANA: Food, Nuclear Power, Debt Moratorium

The Declaration of the Save the Nation movement (see http://savethenation.com.ph) calls for "Three Urgent Steps": a new Green Revolution to restore food self-sufficiency; the restoration of the Bataan nuclear plant, and the rapid construction of other nuclear power facilities; and a moratorium on the usurious and illegitimate foreign debt of the nation, freeing resources for development.

Signing the Declaration, in addition to Valdes of the PLS, were the presidents of societies representing such diverse institutions as mechanical engineers, electrical engineers, inventors, radio broadcasters, and journalists.

The concept underlying SANA is the restoration of the historic mission of the Philippines, both for its own people, and as a nation which embraces both Eastern and Western culture, a crucial bridge in creating the alliance of sovereign nations, required to pull the world out of the current descent into a new dark age.

In a 2004 interview on Philippine radio station DZAR, Lyndon LaRouche expressed his own identification with this historic mission of the Philippines: "The Philippines has a very important pivotal role, some people would say geopolitically, in the entire region, of trying to bring together, on a global scale, for the first time, a world system, which is capable of accommodating both the European cultural heritage and Asian culture. This is the great barrier, the great frontier, of a hopeful future for this planet: to bring together the cultures of Asia—which are different than those of Western Europe generally—with European culture, to get a global culture based on a system of sovereign nation-states, which understands that this unresolved cultural question has to be addressed, with a long-term view, of several generations, of creating an integrated set of sovereign nation-states as the system of the planet. So the Philippines is a very special country, with a unique importance for the people of Asia, in particular, in playing a key role in bringing about this kind of general integration of Asian and European civilizations."

EIRNS

One of the "Three Urgent Steps" proposed by the Philippines LaRouche Society and the Save the Nation Movement, is the restoration of the Bataan nuclear plant, initiated under President Ferdinand Marcos, and shut down by Corzon Aquino. Shown: LaRouche Society leader Butch Valdes (third from right), with members of the Philippines LaRouche Youth Movement, at the Bataan nuclear plant, in May 2008.

The Three Urgent Steps

Each of SANA's Three Urgent Steps also serves to identify a crucial aspect of the destruction of the Philippines, since the coup against Marcos. In regard to food, Marcos launched a Green Revolution in May 1973, under the name of Masagana 99. Masagana means "bountiful" in the Tagalog language, while 99 represented the goal of producing 99 sacks of rice (almost 5 tons) per hectare, which was necessary to make the Philippines self-sufficient in rice production. Working with the International Rice Research Institute in the Phillipines (IRRI, one of the global Green Revolution centers inspired by Franklin Roosevelt and his Vice President Henry Wallace), Marcos built irrigation systems, provided fertilizer, pesticides, and cheap agricultural credits, 85% guaranteed by the government, as well as a network of agriculture extension stations across the country, while introducing high-yield varieties of seed. Mechanization became widespread, replacing carabaos (water buffaloes). Fertilizer usage doubled, irrigation use tripled to one-half of the arable land, and 81% of the rice planted was so-called "miracle rice"—up from zero in the 1960s.

Productivity doubled, and by 1977, the Philippines was self-sufficient in rice for the first time in its modern history. Similar government support made the country self-sufficient in corn, and one of the world's leading coconut oil producers.

In the early 1980s, the Third World debt crisis (largely created by manipulated spikes in oil and other commodity prices, as well as sky-high interest rates set in London and Washington) forced Marcos to sign agreements with the IMF, which included the slashing of agricultural subsidies and tariffs on imported food. When Marcos was deposed, this destructive assault on the nation's sovereignty took off, such that, by the 1990s, food production was back to 1960s levels.

The Bataan Nuclear Power Plant

Without question, the primary target of the coup against Marcos was the nuclear power plant built by Westinghouse in Bataan—the first commercial nuclear power facility in Southeast Asia. Not only would this plant, together with two others scheduled to be completed by 1991, end the nation's chronic energy shortages, but they also would have served as the driver for the 11 major industrial projects sponsored by Marcos, including steel, petro-chemicals, pulp and paper, copper smelting, aluminum, phosphate fertilizer, diesel engines, and gas and oil development. The Philippines was to be transformed, to stand as a model for the rest of Southeast Asia and the developing countries elsewhere.

The nuclear plant was completed in 1985, but Shultz and his allies wanted to make an ugly example of Marcos and the Philippines. Shultz represented the forces which systematically took over the United States following the assassination of John F. Kennedy—British-allied neoconservative interests, intent on keeping the former colonial nations of the world undeveloped, to serve only as a source of raw materials for the West. The first act of Corazon Aquino, who was placed in the Presidency to replace Marcos, was to permanently shut down the completed Bataan nuclear power plant, before it was even turned on. She then pledged to her controllers on Wall Street, that the Philippines would pay every penny of the inflated costs of the nuclear plant, despite the fact that it never produced a single watt of electricity.

The results can be seen clearly today, in this power-starved nation, nearly devoid of industry, with a population facing widespread hunger, and with almost no access to health care for the poor.

Debt, and the Export of Citizens

The third Urgent Step of the SANA Declaration, for a debt moratorium on the illegitimate foreign debt, is the most urgent of the three, for without ending the usury and financial looting, the revival of the nation's historic mission is impossible. The debt accumulated under Marcos was primarily for the transformation of the productivity of the nation and its population, but once his development projects were scrapped, the debt could no longer be sustained through production. The looting of the population began in earnest.

The energy sector was turned over to Enron and related thieves by President Fidel Ramos in the 1990s. (Ramos, as head of the police in the 1980s, had been the proud agent of Shultz and his cohorts, in running the military coup against Marcos.) While the nuclear plant decayed, the cost of electricity quickly became the highest in all of Asia. As for food, the Philippines went from self-sufficiency in rice to becoming the largest importer of rice in the world.

Then, in the speculative binge against the Asian currencies in 1997-98 by George Soros and his hedge fund allies, the Philippine peso was driven down to less than half its 1997 value. In 2005, an *EIR* study of the effect of this looting process showed that the foreign debt in 1998 was $46 billion. Over the next six years, the government paid $47 billion in debt service, forced to exchange increasingly devalued pesos for dollars in order to pay that foreign debt. *EIR* calculated that, if the peso-equivalent of the debt paid in those six years were calculated at the 1997 exchange rate, before the forced devaluation, the nation would have paid $89 billion in debt service—i.e., nearly twice the total debt owed. And yet the nation ended up owing more than it had in 2007!

This illegitimate debt has been paid, on time, by subservient governments right up to today, through two primary means: the virtual enslavement of the brightest of the Philippine youth, including many college graduates, as service workers for the imperial powers, doing 12-hour overnight shifts in "call centers," serving the customers of Western banks, computer companies, and other corporate structures. In the past such persons were called "house slaves."

The country's second source of foreign exchange income is the export of its skilled and unskilled work force, in most cases forcing men and women to leave their families to work abroad as maids, nurses, drivers, and so on. Their remittances provide about $17 billion annually for servicing the foreign debt. While millions of nurses have been sent abroad (and even doctors who switch to nursing abroad to make enough money to support their families), over 100 hospitals have been closed in the Philippines due to lack of staff and adequate resources. Most poor Filipinos never see a doctor or a hospital in their entire lives.

The Future

The President elected last year, the son of Corazon Aquino, has given every indication that he will follow in the footsteps of his mother, following orders from the international financial powers. The existing political forces, clueless about how to deal with a crisis which is global, rather than local, are ignoring the crisis and making plans to re-arrange the deck chairs on the *Titanic*.

Valdes and a small number of youth who work with him in the LaRouche Society, have served as a lightning rod for the effort to restore the nation to its former noble mission, in cooperation with the international campaign led by LaRouche to break the back of the British imperial system, and launch an economic and cultural renaissance, based on a new global cultural paradigm. The founding of the Save the Nation movement provides a concrete platform for that effort.

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Space Technology Can Transform Africa

by Marsha Freeman

Jan. 11—There is no continent on Earth that is in more desperate need of space science and technology than Africa. Dramatically raising the standard of living of Africa's peoples requires a brute-force, great-project approach, a leap-frog over 20th-Century methods, to directly employ the most advanced technologies that are available, and those that are on the cusp of development.

As part of the global extension of the North American Water and Power Alliance (NAWAPA) project, the LaRouche Political Action Committee has proposed that a centerpiece of economic infrastructure projects to unlock the potential of Africa, Transaqua, be undertaken to supply water to Lake Chad, and to the surrounding region (http://www.larouchepac.com/node/15817). Transforming the continent, through projects of the scope of Transaqua, requires mapping resources, comprehensive water management, geographic and geologic analysis, land use planning, the tracking of disease, and agricultural monitoring, all of which are done most efficiently using space-based technologies. Land remote-sensing satellites have long been recognized by numerous African nations as a necessary tool for scientifically informed economic development.

Communication satellites, which can connect rural and remote communities to educational programs, and health and other government services, also help to knit together a coherent national culture. Such satellites also connect African nations with each other, enabling international development projects with a continental impact.

But more than any specific economic benefit from space technology applications, such national programs create a cadre of scientists, engineers, technicians, and highly-skilled machine-tool and manufacturing operatives, who can then take the lead in creating quantum jumps in productivity throughout the economy, and lay the basis for the breakthroughs by the next generation of Africans.

Enormous Potential

At present, only a handful of nations in Africa participate in the application of space technology, such as the use of remote-sensing and satellite communications capabilities. But the need, and the potential, are enormous.

South Africa, which has developed the most extensive space capability in Africa, announced the establishment of its South Africa National Space Agency on Dec. 9 of last year. It will bring together disparate space-related efforts in the country, and will also aim to revive space facilities that have been mothballed since the 1990s. The new agency plans to create a satellite-design and building capacity, using local expertise, building on its successful Sumbandila micro satellite, circumventing its reliance on satellites from abroad. This year, it will begin a feasibility study to assess the state of the facilities left over from its medium-range ballistic missile program, with the view toward creating a satellite launch vehicle, and will extend its participation in international astronomy projects.

Nigeria established its National Space Research and Development Agency in 1999. The nation's first satellite, Nigeriasat-1, was part of an international microsatellite Disaster Monitoring Constellation, and was built by Surrey Satellite in England. It was launched by Russia in 2003, and produces high-quality remote-sensing images. Nigeria's first communications satellite, the Chinese-built NigComSat-1, was launched by China in 2007. But the satellite failed on orbit a year later, and will be replaced later this year. Nigeria's NigeriaSat-2 is also scheduled for launch later this year, along with a training model, which was undertaken by Nigerian scientists and engineers.

The Algerian Space Agency was created in 2002, and soon after, saw the launch of its Alsat-1 remote-sensing satellite, also part of Surrey Satellite's five-satellite Disaster Monitoring Constellation. In July 2010, the European-built Alsat-2 was launched by India, which included an intensive training program for Algerian engineers and scientists.

Egypt has operated its own European-built communications satellite since 1998. A follow-on, Nilesat-2, of similar design, was launched two years later. A next-generation communications satellite, Nilesat-201, was launched in August of last year. For Earth remote-sensing capabilities, Egypt has teamed up with Ukraine's Yuzhnoy Design Bureau, and EgyptSat-1 was launched in 2007. The contract with Ukraine included the train-

ing of Egyptian satellite operators, and Egypt's ground receiving stations capture the satellite images.

Egyptian scientists, both at home and abroad, have participated with NASA and other international scientists in studies of the North African desert, the location of ancient subterranean water channels, and existing underground water resources. In 2004, an international team took deep radar sounding measurements at the Bakareza Oasis, testing instruments that could be used to find subsurface water on Mars.

Going Regional

Various regional African space organizations have been proposed, and some have been created, to pool Africa's limited resources devoted to space applications. Nairobi, Kenya hosts the Regional Center for Mapping of Resources for Development, which has the participation of 15 African member-states. Satellite data are used to predict floods, as an early warning tool for disasters, to track water-borne diseases, and for infrastructure planning, continent-wide.

In 2009, former director of the space program of Egypt, Dr. Mohamed Argoun (see interview, below), proposed, at the Global Space Technology Forum in Abu Dhabi, that there be a Pan-Arab space agency in the future, when there is a concrete, multilateral program in place, with industrial and university participation. Middle Eastern and African Arab nations, he suggested, should develop a space technology industry, to contribute to a new, high-resolution Earth regional observation satellite.

Another regional initiative came in August 2010, when the Ministers of Communication and Information Technologies of the African Union agreed to conduct a feasibility study on the formation of an African Space Agency. Its focus would be on telecommunications capabilities.

More recently, Dr. Argoun has proposed an Africasat, to bring together, and enhance, the technical and industrial capabilities of Africa. Following his presentation at the 61st International Astronautical Congress, held in Prague, the Czech Republic, in September 2010, he was interviewed by *EIR*'s William Jones about this proposal, and the importance of bringing water to the African deserts.

Science can still save Africa. This must start with a global financial and economic reorganization that begins in the United States, with the replacement of the bankrupt financial system through a Glass-Steagall policy, the return to a credit-based economic growth policy, and international agreements to make that policy global. In this way, Africa can finally be free of hundreds of years of colonial rule, and decades of international financial strangulation, and ready to truly enter the Space Age.

Interview: Dr. Mohamed Argoun

Space Technologies To Develop Africa

Dr. Argoun is the former director of the space program of Egypt, the National Authority for Remote Sensing and Space Sciences (NARSS). He is currently professor of Aerospace Engineering at Cairo University. Following the presentation of his paper, "Recent Design and Utilization Trends of Small Satellites in Developing Countries," at the International Astronautical Congress (IAC) in Prague, he was interviewed on Sept. 29 by EIR *Washington bureau chief, William Jones, on his proposal for a continent-wide satellite project, to help industrialize Africa.*

EIR: Dr. Argoun, I'd like to ask you about the project you talked about yesterday in your presentation at the IAC. You stated that this project would help bring space technologies to Africa, and expand them to serve as a wedge toward economic development in a very hard-hit part of the world.

Argoun: The project is called Africasat. This is an effort, or a project, to bring the developing countries in Africa into space technology. Several countries in Africa have tried to build small satellites.

EIR: How many African countries involved in space technology are there now?

Argoun: South Africa is well-advanced in that direction. Egypt has an EgyptSat program. Nigeria has Nigeria-Sat, with two satellites, I believe. And Algeria. Also, Morocco has built a small satellite some years ago.

As I was saying in my talk, in 1990, there emerged a move to get developing countries into the space business. Basically, the theme is to bring the benefits of

Courtesy of Dr. Mohamed Argoun

Dr. Mohamed Argoun

space to developing countries. One direction of this, was learning space technology, making the engineers, the technical people, acquire all the ins and outs of this type of thing, thereby enhancing the industry and the scientific research, and the public awareness of space, and eventually, using the applications and the technologies. So this was a technology-oriented type of project, as opposed to an application-oriented type, as opposed to using the images for development, which is another track of space applications.

On the technology aspect, many countries started building small satellites, and especially remote-sensing satellites, simply because they are simpler, easier to build, they don't cost much to launch, and they're smaller in size. So that is a way of getting into space technology without getting into very large satellites. For most of these countries, the years between 1992 and 2002, approximately, during that period of ten years, became the period of launching many small satellites. It was pioneered by companies in the United Kingdom and in South Korea, who offered the technology to these countries, through cooperation and training programs.

The point is that after a while, government support for these programs became less enthusiastic.

The AfricaSat Program

EIR: Is that because of the expense?

Argoun: Because of the expense. Also these countries don't have a very strong industrial base in high-tech. Therefore, these space programs exist generally as an island in the industrial space of these countries. It's difficult to support this and keep it going, because in order to keep it going, you need a lot of input from a strong industry. Governments support these programs because they promise a lot of industrial development particularly, but the economic return is kind of slow in coming, because the infrastructure for using space technology or space applications in these countries is not very strong. You have satellites and they have advantages, but nobody uses them as much as they do elsewhere. So the satellites are there, but the satellites are only a tool of the technology.

When you come to second-generation satellites, then you have a gap of government support. And this threatens the initial successful move of getting these countries into an initial industrial stage, basically through space technology. They begin to wonder—these things are difficult, they can't be done, they haven't the background or the education in these countries, and so on. But, if you make a satellite, you can

FIGURE 1

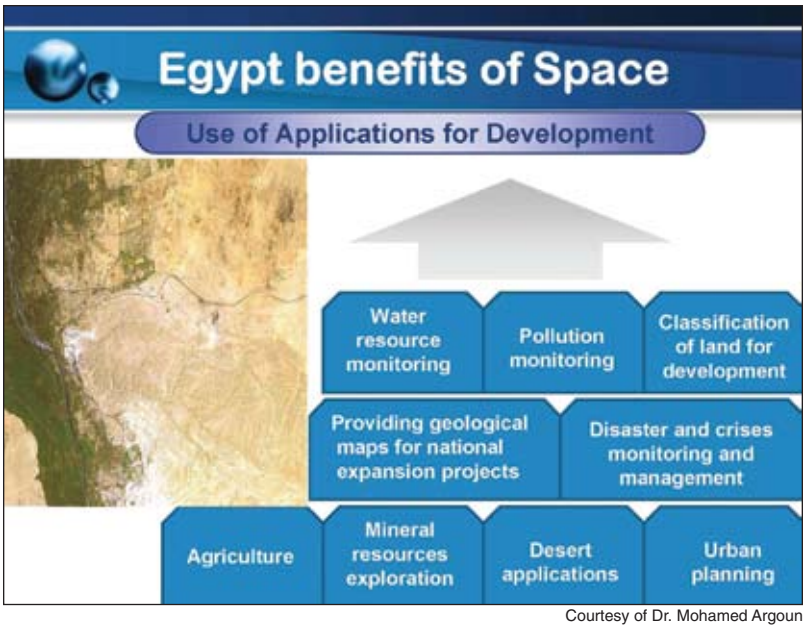
Courtesy of Dr. Mohamed Argoun

From Dr. Argoun's address to the Space Presentation Environment Conference, Cairo, May 9, 2008.

eventually make anything else. It is a way of transforming these developing countries into an industrialized country, in a way.

So when the interest wanes or fades a bit, these programs stop, many of them, or at least slow down. So the idea I was promoting in the AfricaSat project is that the way for these countries to continue getting into space and developing capabilities in space technology is to continue building satellites. But there is no need to build a satellite for each country, and have every country working on everything. We can achieve the same objectives, and much more efficiently, if all these countries join into building one satellite, and every country contributes in whatever area it wants to contribute.

FIGURE 2



Courtesy of Dr. Mohamed Argoun

From Dr. Argoun's address to the Space Presentation Environment Conference, Cairo, May 9, 2008.

EIR: Can you give an example?

Argoun: If a certain country has a particular interest, or a particular development in the communication area, they can design the communications system and build it. If some other country is in materials, they can work on the structure. So each country chooses that, and they get the benefit of the choice they make.

This is similar to what happened in Europe, where the countries of the European Space Agency concentrate on the area they like, and everybody builds infrastructure in the area they want to develop inside their country, but they all participate in the global project. It's similar to that in Africa. And space by its nature is a collaborative effort. Even the satellite itself does not see borders, and new information flows freely in this area. Even in building satellites, it's much more efficient and much more economical if you do it as a collaborative effort.

So, what we are suggesting is that the project be under the United Nations umbrella, because the United Nations was the one that initiated the UNISPACE-III Conference, which was held in 1999, and really supported this. They encouraged advanced countries to transfer technology for space for peaceful purposes to underdeveloped countries. They encouraged underdeveloped countries and governments to get into this. And actually they are still organizing all these workshops to support these types of endeavors.

So, we are suggesting that under the umbrella of the UN, there be formed a consortium, or a group of willing countries and willing entities, that together will help build a satellite, over the long run, for Africa. And of course, it will be directed at the benefit of the African countries, not only in terms of technology, but also images and applications and the like. And eventually, two things will happen. The countries will have the knowledge and the know-how, and they will have a system that brings these countries together for major projects.

One of the problems in countries in Africa is that they do not cooperate effectively and there's no system for flow of management and information and working together. So, if you do a project like this and succeed in making it happen, then you unclog a lot of things.

EIR: The question is: How do you take this technology, perhaps relating to the Egyptian experience, in order to create a technical cadre which might have a more general benefit for the nation economically?

Argoun: This was one of the regional objectives for the space program when we proposed it. And that is, if you accept and succeed in implementing this program, it gives you a certificate of quality for your products and your processes that is valid everywhere in the world. In

a way, space technology has certain features, that if it infiltrates into the local industry, it raises the quality level significantly. Things like deadlines. The planning of space takes a lot of planning: Every move is carefully planned and timed very accurately. The quality of the materials, the inadmissibility of error in processes. If you bring these concepts, and do these projects with the local industry, then you raise the standard of that industry significantly. And if you succeed in the final product, then, as I said, you get the certificate of quality to expand. If Egypt makes satellites with their own people, then nobody will be worried about importing from them.

So to do this, we should realize that satellite-making is in a narrow strip of the industry. We are talking about a sector in Egypt that has 100 or 150 people working in it, and perhaps will become several thousand. It's not like a major industry. But, in certain areas of the industry, in electronics, in consumer products of a higher level, it's instrumental. It can change things.

FIGURE 3

Courtesy of Dr. Mohamed Argoun

From Dr. Argoun's address to the Space Presentation Environment Conference, Cairo, May 9, 2008.

So, what we tried to do is get the components and the parts of the satellites to be manufactured in Egypt under license. We succeeded in making a few, not many, components. We planned originally in the EgyptSat program to build eight components, and we succeeded in three. So there is a degree of success. It's just a general concept, to bring in the benefits of space technology to industry, to scientific research institutions, to universities, and to the common people. We realize that this is not a great number of people involved, but it is important.

DesertSat

EIR: Now you have developed EgyptSat-1 and are working on EgyptSat-2, and then you will begin on DesertSat. Tell me about DesertSat and how you intend to utilize this. Obviously, this would be of service in dealing with that other major problem for Africa, which is water.

Argoun: What we have in the Egyptian space program is the third satellite. We have had one every five years, but with a higher degree, an increasing degree, of local participation in each one. So we had 50% in the first one, where we were learning and getting the training, and so on, 60% in the second one, and we will have 85% and higher in DesertSat. EgyptSat-1 was launched in 2007, EgyptSat-2 was supposed to be ready in 2012, and 2017 for DesertSat.

Now the idea of DesertSat, is that Egypt, and Africa actually, have certain characteristics of its land—of course, it is desert. So what you need in a satellite to explore the desert is different from what you need in an education-type satellite or in an eyesight satellite, like in Canada. The sensors, or the scanners, which are the exploring vehicles of the satellite, will have different features, will look for different things.

What you look for in the desert is, as you mentioned, basically the water, traces of water, and possibly oil. And formations of minerals, and that kind of wealth. So we are looking at the spectral stamp of these phenomena and trying to make the sensor more sensitive to these than it is, for example, to ocean water.

One thing, for example, in looking for water: You would look for temperature, because if there is water in an area inside the desert, in a pool somewhere, but underground, what happens, is that the sand in that area might be slightly wetter, slightly cooler than the other sand. So you have to have a sensitivity to this differential in the temperature. This is what we're hoping—to

get the sensor designed and built by that time and fly it on DesertSat, and use that to map the desert in a different way. That was our objective with DesertSat.

We are now are also working to try to design sensors at Cairo University, where I am now doing some research work, in that direction, and also trying to get international cooperation on these kind of operations.

It's interesting. We see this wealth of the desert, if you look at it in one way; and it is a big problem, if you look at it differently. And we have to utilize that in some way and this is one of the ways we can so that.

EIR: Tell me about the development of your space technicians. Initially, with EgyptSat-1, you sent out your people to Ukraine for training. How many were there at that time?

Argoun: There were 64. And there are another 60 or so who have entered the program.

EIR: Can you see the point where you would have the internal resources to build your own cadre independently?

Argoun: Certainly, I should think 64 is a large number for this type of work. When we first envisioned the project, and talked with many of the companies in the country, we talked about 20 or so. But our objective was different. It was to get a larger number and to use them, as I said, as a fertilization for other groups. So for EgyptSat-2, a number like 300, or maybe around 240 specialists, would not be a large number. It's about what is needed. Because the 60 were just learners, but behind them was all of Ukraine's space industry. You can't transfer all of that with 60 people. So we need to increase the Egyptian team for EgyptSat-2 to the range of 200 or 240. And that's happening slowly but surely.

EIR: Is the proposal for AfricaSat coming from the Egyptian government?

Argoun: No, it is actually coming from industry people, from people like myself who are interested in space. And we would like to get government and non-government organizations, research centers, and companies to participate in building this, but under the auspices of the United Nations, so as not to lose the initial effort that was done in building the first satellites in all these countries. Because, as I said, the states need much more of a push than was needed at first. And collaboration can ease the burden on each country.

The Transaqua Project

EIR: And what is the level of cooperation between the African countries in this field today?

Argoun: It does not exist.

EIR: Then perhaps the International Astronautical Congress, which will be held in Capetown, South Africa next year, may be an occasion to push forward this proposal?

Argoun: We should start talking about it and getting some support for the idea, and hopefully it will eventually have enough support to form some active groups to start the planning process.

EIR: The LaRouche Political Action Committee, and *EIR* magazine, have recently relaunched the Transaqua project, to divert water from the Congo River to revive Lake Chad as the source of water for the Sahara region, and to use this project to begin to win back much of the area that has been lost to desertification. This is part of the global extension of the North American Power and Water Alliance [NAWAPA] project, being organized in the United States.

Argoun: About creating a new basis of water in the African desert: The problem is evaporation. The heat in that area is absolutely the highest temperature in the world. Actually, there is an environmental model that was built at Cairo University, and it shows that the heat, the temperature—this is the hottest spot on the planet, in the area near Aswan.

The rates of evaporation are very high, to the extent that you cannot use water spray efficiently, because while you are spraying, a lot of the water simply evaporates. The surface of the particles in small balls of water atoms are flying around, and then, the temperature affects the atoms. So the temperature effect is very serious.

The projects for transporting the water are still viable, but they have to be in closed canals, in closed pipes, basically underground. There is only a limited amount of water that arrives in this area, basically coming from Nile sources, and a lot of it is lost with that vapor. Therefore, the investment really becomes putting this in closed pipes. And pipes are the way of doing it. If you do that, and you put that into deep lakes, rather than shallow lakes, then you can reduce the evaporation. So this is different engineering in looking at the problem. But still it can be done.

Definitely, you can bring these areas to life with water.

LaRouche Candidates Confront States with Angelides Report

by EIR Staff

Feb. 7—Given the fact that the Angelides Report, issued by the Financial Crisis Inquiry Commission, has provided thorough affirmation of what Lyndon LaRouche has said for decades about how former Fed chairman Alan Greenspan, in particular, by eliminating Glass-Steagall and promoting derivatives, created the current economic-financial breakdown crisis, any decision by legislators—on the state or Federal level—to carry out murderous budget cuts, is a criminal act of stupidity. The alternative, beginning with the reimposition of President Franklin Roosevelt's Glass-Steagall measure, is ready and waiting to go.

This is the message the six LaRouche Democratic Congressional candidates are taking to state legislatures around the country, as lawmakers struggle with unprecedented budget shortfalls. The LaRoucheLPAC strategy is simple: Get the state legislators to actually go for a solution to their existential crises, by burning the rear-ends of their Congressmen to pass Glass-Steagall *now*.

What the LaRouche candidates report so far, is extreme openness to the message, but it is clear that the pace of the response must be quickened. A few letters to Congressmen have been pledged, and many legislators have taken seriously the need to educate themselves, through the LPAC website (www.larouchepac.com) and otherwise. But much more is required. All six candidates have committed themselves to intensified activity over the next crucial weeks, when the Angelides report will come before Congress, and the Glass-Steagall bill *must* come before Congress, to prevent the next disastrous phase of the global collapse into a New Dark Age.

Coast to Coast

LaRouchePAC organizing teams have accompanied the candidates in forays into state capitals from California to Rhode Island. In every capital, a large portion of the lawmakers are chafing under the enormous pressure, coming from the leaderships of both political parties, to carry out budget cuts which they know to be murderous for the poor and elderly. Even some Republicans, who are generally portrayed as rabid budget-cutters, are looking for an alternative to destroying their constituencies.

Perhaps the most entrenched (in dead-end thinking) is California, where San Francisco Congressional candidate Summer Shields, and Washington State Congressional candidate Dave Christie, have led organizing teams. For, while the economic crisis has gotten a lot worse, the Democratic takeover of the governorship, from the broadly hated Rothschild-anointed Arnold Schwarzenegger, has brought no change to the budget-cutting perspective from Gov. Jerry Brown. Shields' team moved to cut through the fog with the message: "Let's not kill people by cutting the budget; it's time to act on the Federal level to save lives."

In Austin, Texas, Congressional candidate Kesha Rogers led the organizing team on Feb. 2-3. After holding a rally with a 16-foot-long yellow banner featuring the slogans "Cut Wall Street, Not the States," and "Glass Steagall or Die," the team held about 20 meetings with

LPAC-TV

LaRouche Democrat Diane Sare, running for Congress in New Jersey, is shown here, organizing on Wall Street for Glass-Steagall and a Hamiltonian credit system.

members of both state houses. Most of the legislators were unaware of the Angelides Report, but several of them were quite familiar with LaRouche's record, and thus receptive to the briefing.

Michigan Congressional candidate Bill Roberts led organizing forays into the Michigan and Ohio state legislatures, where they found many lawmakers excited about the possibility of a way out of the current disaster. Many of the legislators are new and very young, open to education.

In all the state capitals, the candidates reported a tremendous amount of excitement about the NAWAPA (North American Water and Power Alliance) development perspective, which they presented, after confronting the legislators with the need to join the fight to ram through Glass-Steagall. But, as all the candidates emphasized, the first task is to break the British monetarist stranglehold, by getting Congress to act.

Advances in Albany

New Jersey Congressional candidate Diane Sare and Massachusetts candidate Rachel Brown have led four organizing assaults on the New York State Legislature, and there, the efforts are finally beginning to bear fruit. Bolstered by a team of LPAC organizers, the two candidates have held dozens of meetings with state lawmakers, as well as staff members, and are refusing to take "no" for an answer.

The most recent foray occurred on Feb. 1, the same day that Gov. Andrew Cuomo was announcing his budget, an event which definitely got the legislators' attention. Sare and Brown distributed copies of part of the conclusions of the Angelides Report, which many legislators were aware of, but had not read. Combined with the LPAC video and written material on Glass-Steagall, the report underscored the message that action had to be taken now.

Unlike previous visits, where of 35 meetings, only 6 were with representatives, on Feb. 1, the candidate-led team met 18 legislators personally. In some cases Assemblymen were drawn into watching an LPAC video on the Angelides Report on the spot. One Assemblyman, who, in the morning had told the organizers that he had to do his homework, bumped into them later in the day, and reported on what he had found about the Cantwell-McCain Glass-Steagall bill of 2008-10. He then volunteered that he had followed LaRouche's work for years, and opined that LaRouche is always going way out on a limb, but then turns out to be right.

In some cases, there was even a breakthrough on the question of money versus credit, with one aide saying: I think I'm getting what you mean by fake money: The Dow is at 12,000, yet people are totally impoverished.

As in the other legislatures, the candidates found tremendous openness to the idea of turning the country around with NAWAPA. "This is like the Transcontinental Railroad of Abraham Lincoln! Go West!" one young aide said. At the end of the day, several more commitments to contact Members of Congress on Glass-Steagall were secured.

South Dakota and Maryland

While the six LaRouche Democrats are taking the lead, with campaign statements and on-the-ground organizing, they don't have to be personally present to have an impact. This was shown in South Dakota, and Maryland, where LPAC teams have involved dozens of legislators in education and action for Glass-Steagall.

One organizer laid out the challenge this way: South Dakota was the state where bank deregulation began, and it's the state where it should end—by forcing through the introduction of a Glass-Steagall bill, which will be sure to pass.

New Evidence for a Non-Particle View of Life

by Laurence Hecht

The author is the editor-in-chief of 21st Century Science & Technology.

France's leading virologist, Luc Montagnier, has brought forth remarkable new evidence for a non-particle view of life. The emission of low-frequency electromagnetic waves from bacterial DNA sequences, and the apparent ability of these waves to organize nucleotides (the raw material of DNA) into new bacterial DNA, by mediation of structures within water, are among the important results reported to date.[1]

By demonstrating the interaction of living organisms with electromagnetic waves, perhaps including the low-frequency Schumann resonance waves in the Earth's atmosphere,[2] the work has revolutionary implications for biology and our whole understanding of the universe, extending the work begun in the 1920s by such figures as Alexander Gurwitsch, who detected ultraviolet radiations from growing plant cells.

The signals detected by Montagnier appear to be a property of most bacteria infecting humans, as well as many viruses, including HIV, influenza A, and hepatitis C. Further, it appears from the research, that some common diseases not previously considered to be of bacterial origin, may indeed be so. In evidence of that, signals identical to those detected in test tubes containing live bacteria, have been found in the blood plasma, and in the DNA extracted from the plasma, in patients suffering from Alzheimer's, Parkinson's disease, multiple sclerosis, chronic Lyme syndrome, rheumatoid arthritis, and various neuropathies.

Dr. Montagnier, who won the Nobel prize for his 1983 discovery of the HIV virus, has proposed to employ these radio frequency techniques for detection of chronic bacterial and viral infections, and to explore means to use them in treatment of diseases including AIDS and autism. Montagnier also notes that such techniques might some day provide a solution to the growing problem of evolution of antibiotic-resistant organisms.

Under attack from the science establishment in Europe and elsewhere in the West, Montagnier, age 78, has now made the decision to pursue further research in China, at a new research institute which will bear his name at Shanghai's Jiaotang University.

The Non-Particle View

Montagnier's experiments bear upon certain crucial questions of scientific method which could not be prop-

1. L. Montagnier, J. Aissa, E. Del Giudice, C. Lavalee, A. Tedeschi, and G. Vitiello, "DNA Waves and Water," (2010) http://arxiv.org/pdf/1012.5166

2. The Schumann resonance refers to the waves of base frequency 7.83 Hz and its higher harmonics which propagate in the waveguide formed between the surface of the Earth and the ionosphere. In 1952, German atmospheric physicist Winfried Schumann hypothesized that lightning activity would produce such low-frequency waves, and by dividing the circumference of the Earth by the velocity of light, he predicted the approximate frequency later detected.

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Nobel prize winning virologist Luc Montagnier has discovered new evidence of the interaction of living organisms with electromagnetic waves. He has been under attack in the West, and is continuing his research in China.

erly addressed within the usually posed paradoxes of 20th-Century physics, but which begin to find a clearer resolution when the subject matter becomes the relationship among the non-living, living, and also cognitive domains. For example, we knew already from the work of de Broglie and Schrödinger in the 1920s, that the paradoxes arising from the attempt to reduce experience within the non-living domain to a particle-based conception of substance, could be overcome by a wave conception which subsumed the phenomena of electromagnetic radiation and the old "mechanics" within a unified conception of microcosm and macrocosm.

However, Schrödinger was unable to carry over such insights into the domain of life, instead proposing a disappointing notion of local negation of entropy to explain the obvious upward organizing principle characterizing both evolutionary progress and cognitive human advance. That difficulty was resolved midway through the 20th Century by Lyndon LaRouche's recognition that human creativity, which he recognized as the driving force of human physical economic advance, and the actual source of wealth or value, as opposed to all prevailing theories of labor content or market valuation, was also the knowable principle of universal progress, or cognate with it. Therefore, the characteristics of that universally propagated creative principle must be adducible from properly constructed investigations into the relationship of cosmic radiations to life on Earth—provided that the usual flawed assumption about the completeness and efficacy of the human sensorium, the five senses, is cast aside, as LaRouche has recently emphasized.[3]

By revisiting the question of the interplay of radiation, including atmospheric and, implicitly, cosmic radiation, with life, the Montagnier experiments have brought to bear some fresh new evidence into this area of inquiry which had been declared almost *verboten* by the science establishment for most of the last century.

The Experimental Evidence

To make these matters more transparent, let us now review in greater detail the extraordinary experimental results reported by Montagnier and his colleagues.

1. Regeneration from filtrates. In a paper published in 2009,[4] Montagnier et al. reported evidence of bacteria and viruses regenerating themselves from apparently sterile solutions. After passage through filters of pore sizes far smaller than the bacterium or virus, solutions which had contained infected cultures, but tested as sterile after filtration, were able to regenerate the bacteria and viruses that had infected them. The first experiments used *Mycoplasma pirum*, a species of small, cell wall-deficient bacteria, about 300 nM in size. The mycoplasma constitute a genus of very small bacteria, which are implicated in a number of human diseases and are resistant to many types of antibiotics.

After filtration of a culture of human lymphocytes infected with *Mycoplasma pirum* through filters of 100 nM or 20 nM porosities, incubation on a sterile culture of human lymphocytes showed regeneration of the original mycoplasma. The sterility of the cultures on which the mycoplasma was regenerated had been rigorously tested for traces of bacterial DNA, and showed negative. "Repeated search for traces of mycoplasma

3. For example, Lyndon H. LaRouche, Jr., "A Wedding Anniversary: The Sixth Sense," *EIR*, Jan. 14, 2011, pp. 4-22. http://www.larouchepub.com/lar/2011/3802sixth_sense.html
See also, the report "The Extended Sensorium" by the LaRouche "Basement" Project, *EIR*, Feb. 4, 2011 and http://www.larouchepac.com/node/17172

4. L. Montagnier, J. Aissa, S. Ferris, J-L. Montagnier, C. Lavalee, "Electromagnetic Signals Are Produced by Aqueous Nanostructures Derived from Bacterial DNA Sequences," *Interdisciplinary Sciences: Computational Life Sciences* (2009) 1: 81-90.

DNA by PCR [polymerase chain reaction] and nested PCR using specific primers for the adhesin gene or for the 16S ribosomal gene was consistently negative," Montagnier reports.

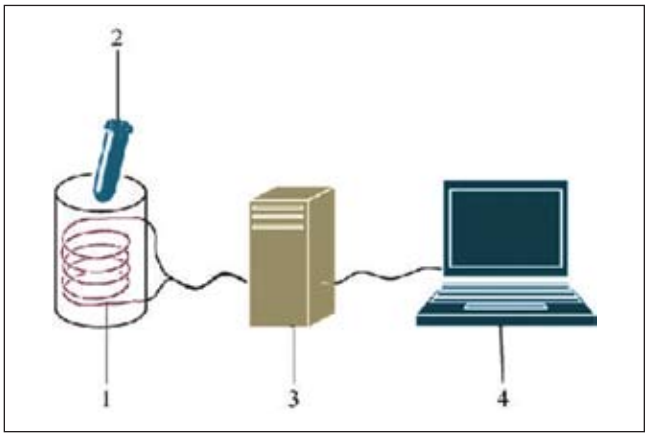
These were the results, first observed ten years ago, which set Montagnier on this experimental path.

2. Emission of low-frequency waves from the filtrates. In the course of investigating this anomalous phenomenon, Montagnier and colleagues found a remarkable new property of these filtrates. After dilutions with water, the apparently sterile filtrates were shown to produce low-frequency electromagnetic waves in a manner that was reproducible. Similar emissions were also found in apparently sterile filtrates of solutions that had been infected with a larger, more classical bacterium, *E. coli*, and with other microorganisms. But no signal was found in unfiltered solutions (**Figure 1**).

The waves were detected by an apparatus that had been designed by immunologist Jacques Benveniste.[5] Before being tested, the samples are serially diluted, 1 part in 10, in small (1.5 milliliter) plastic tubes, which are then tightly stoppered and strongly agitated for 15 seconds, a critical step. The sample is placed inside a coil of copper wire of 300-ohm impedance, which acts as a detector of low-frequency electromagnetic signals, attached to an amplifier. Computer software is used to separate background noise, and the signal is Fourier-analyzed. The first low dilutions were usually negative for a signal. Positive signals were usually obtained at dilutions ranging from 10^{-5} to 10^{-8}, or 10^{-12} (5 to 8, or 12 successive dilutions). Higher dilutions were again negative. The original unfiltered suspension was negative at all dilutions for all microorganisms studied (**Figure 2**).

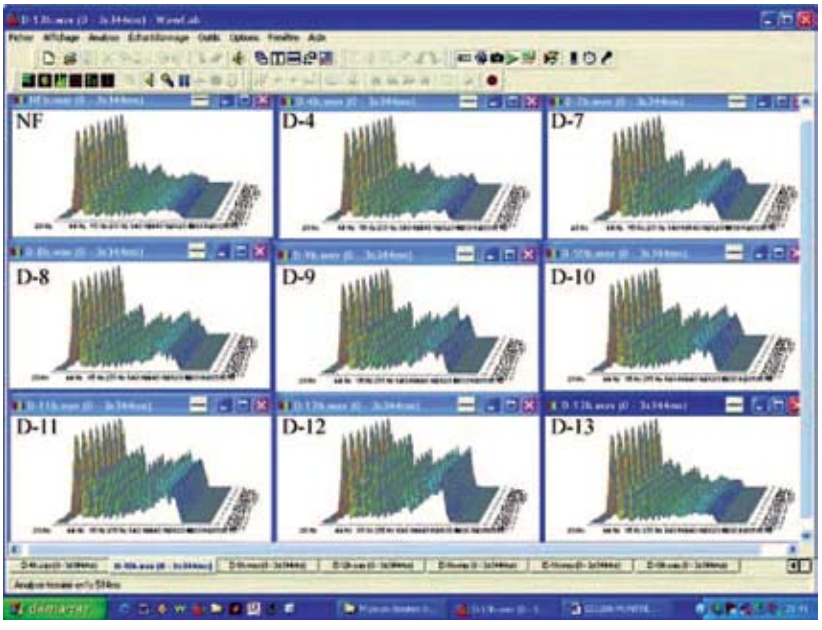
When the signal appears, an increase in amplitude

FIGURE 1



Device for the capture and analysis of electromagnetic signals: (1) a coil of copper wire, impedance 300 Ohms; (2) plastic stoppered tube containing 1 mL of the solution to be analyzed; (3) amplifier; (4) computer with software.

FIGURE 2



Fourier-analyzed signal from aqueous dilutions of Mycoplasma pirum. The spikes at the left are the 50 Hz signal from electric circuit. The spikes at the right (prominent in D-9 to D-12) are interpreted as the positive signal of about 1,000 Hz from the bacteria.

5. Jacques Benveniste (1935-2004) had been the director of the immunology lab of France's National Institute of Health and Medical Research (INSERM). His research in the 1980s showed that water, which had once contained an antibody, but had been diluted to such a degree that no molecule of the antibody could remain, was still capable of acting upon a type of white blood cell known as a basophil. Benveniste concluded that the configuration of water molecules had become biologically active, despite the absence of the antibody. Benveniste's results were replicated by independent laboratories in Canada, Italy, and Israel, before their June 1988 publication in *Nature.* But in a follow-up visit to Benveniste's laboratory by a team including *Nature* editor John Maddox and magician James Randi, the results could be reproduced in many, but not all trials. Benveniste called the visit a mockery, and denounced McCarthy-like methods. But the high-profile defamation campaign by *Nature* caused him public discreditation.

and in frequency over the background is detected. Frequencies close to 1,000 Hz and its multiples were found. The range of the detected frequencies falls in what is sometimes called the extremely low frequency (ELF) band of electromagnetic radiation (about 3 to 3,000 Hz). The bacteria are emitting frequencies which would be audible were they sound waves, but as electromagnetic signals are traditionally thought of as lying at the very low end of the radio frequency spectrum.

A remarkable feature of the results with bacteria and viruses is that many of the emitting filtrates are so highly diluted as to have almost no likelihood of containing the original infectious agent or its complete DNA. In order to account for this, as well as the appearance of signals from pure water, Montagnier adopted an hypothesis developed by researchers into the anomalous properties of water, namely, that coherent, polymeric nanostructures are formed in the water. A number of physical studies have reported the formation of long polymers of hydrogen-bonded dipoles in water. However, these tended to be short lived. In Montagnier's view, the emitted signals may be a resonance phenomenon, perhaps depending upon excitation by the ambient electromagnetic noise. Their persistence after the removal of the agent which forms them might be due to a coherence effect produced by the radiations themselves, as postulated by Italian physicists Emilio Del Giudice and Giuliano Preparata.[6]

(Results dating back to the 1920s had shown the existence of emissions from living substances at the much higher frequency range of ultraviolet light.[7] Such emission was later confirmed by Fritz-Albert Popp, who named the phenomenon biophotons. Popp and colleagues demonstrated that the light was coherent, somewhat like a laser; that the emitting molecules are coupled by a coherent radiation field; and that the source is the DNA in the cell nucleus. Whole body biophoton detection in Popp's lab showed a correlation with known biological rhythms of diurnal, lunar, and other periodicity, and suggested the existence of a globally organized biophoton field for the organism.[8])

3. "Cross talk" between the test tubes. In continued experimentation by Montagnier, it proved possible both to eliminate the signal from certain dilutions, and to cause others, which had not emitted, to begin emitting signals. This is the phenomenon Montagnier refers to as "cross talk."

In one series of experiments, negative (non-emitting) dilutions were combined with positive (emitting) dilutions. Thus, when 0.1 mL of a negative low dilution (perhaps 10^{-3}) was added to 0.4 or 0.9 mL of a positive dilution (10^{-8}), the latter became negative. "This indicates," writes Montagnier, "that the 'silent' low dilutions are self-inhibitory, probably by interference of the multiple sources emitting in the same length, or slightly out of phase, like a radio jamming. Alternatively, the abundance of nanostructures can form a gel in water and therefore are prevented to vibrate."

If this is truly a wave effect, it should be possible to demonstrate that the properties of the dilutions could be communicated, not by physically combining them, but by placing the plastic tubes containing them next to one another. This was demonstrated by placing a donor tube of a low "silent" dilution (10^{-3}) of *E. Coli* next to a receiver tube of a positive "loud" dilution (10^{-9}) of the same substance.

The tubes were placed for 24 hours inside a box surrounded by a nickel-iron alloy known as mu-metal, which has the property of suppressing low-frequency magnetic fields. The hypothesis was that the mu-metal would shield them from external electromagnetic noise, permitting the active electromagnetic emissions from the bacteria to act on their own. After 24 hours in the shielded box, the donor tube was still silent, but the receiver tube had also become silent. But when the receiver tube was further diluted, a signal appeared again.

"These results suggest," writes Montagnier, "that the receiver tube was made silent by the formation of an excess of new nanostructures, which could emit signals upon further dilution." By interposing a sheet of mu-metal between the tubes, it was possible to suppress the effect.

The cross talk also proved to be species specific. Electromagnetic signals were observed in dilutions of other bacterial species, including *Streptococcus B, Staphylococcus aureas, Pseudomonas aeroginosa, Proteus mirabilis, Bacillus subtilis, Salmonella*, and *Clostridium perfringens.* The signals were detected in the same range of dilutions observed for *E. coli,* and the

6. E. Del Giudice, G. Preparata, G. Vitielo, "Water as a free electric dipole laser," *Physical Review Letters* **61**, 1085-1088 (1988).

7. See, for example, Gurwitsch & Gurwitsch, "Twenty Years of Mitogenetic Radiation: Emergence, Development and Perspectives," *21st Century Science & Technology*, Fall 1999, pp. 41-53.

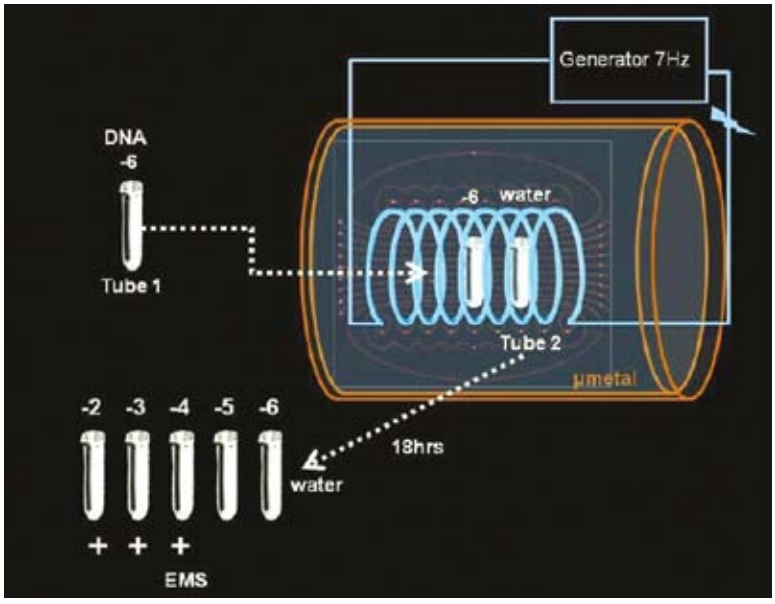
8. cf. *Recent Advances in Biophoton Research and its Radiations,* edited by F.A. Popp (World Scientific, 1992).

transfer effect was noted upon immersion in a mu metal shielded box. But a species could only "talk" with a member of the same species.

4. Wave transmission of DNA genetic information to water. The next phase of the experimentation proved truly remarkable, for it comes close to challenging the tenet of biology, sometimes known as Redi's principle, and also strongly defended by Pasteur, that all life comes from life (*omne vivum ex vivo*). Yet, a closer analysis will demonstrate that it is not the truth of the principle, but what we mean by "life" which is actually challenged by the results.

In experiments reported by Montagnier at a 2010 conference in Lindau,[9] a tube of pure water, when exposed to a second tube emitting signals, was made to emit signals, and then to cause DNA sequences placed into the pure water to assemble into sequences similar to those of the original emitting organism. Because of its importance we will summarize the experiment in as much detail as is available.

FIGURE 3



Small test tubes containing diluted bacterial culture, or pure water, were placed inside a solenoid of copper wire which was shielded by mu metal to prevent extraneous magnetic influence. A generator sent an electrical signal to the solenoid, creating a low-frequency magnetic field of 7 Hz. The device could cause "cross talk" between the tubes.

As reported in a 2010 paper on the experiment,[10] a fragment of DNA taken from the long terminal repeat of the AIDS virus (HIV) was used as the source. (The long terminal repeat is a portion of the DNA found in retroviruses that repeats itself many times over.) The fragment was then amplified by the PCR technique, in which a naturally derived enzyme, known as polymerase, artificially stimulates the DNA to reproduce many copies of itself when the nucleotides and other raw materials are supplied. Dilutions of the PCR amplified DNA solution were then made, as in earlier experiments, until an electromagnetic signal was detected.

The contents of the tube were then filtered through 450-nm and 20-nm porosity filters, and diluted from 10^{-2} to 10^{-15}. A second tube containing pure water was subjected to the same filtration and dilutions. The tubes were then placed near to one another inside a horizontally oriented copper coil or solenoid (**Figure 3**). The solenoid and tubes are placed inside a container shielded by a 1-mm-thick layer of mu-metal. A low-intensity electric current oscillating at 7 Hz was then fed to the solenoid from an external generator for 18 hours at room temperature.

When the tube containing pure water was removed after 18 hours, it was found to emit signals, as did the tube containing the diluted filtrate of viral DNA. No emission occurred under the following conditions:

- Time of exposure less than 16-18 hours
- No coil
- Generator turned off
- Frequency of excitation less than 7 Hz[11]
- Absence of DNA in the first tube.

Now comes the most remarkable step. The ingredi-

9. "DNA between Physics and Biology: DNA Waves and Water" from the presentation of Dr. Luc Montagnier, Lindau, 28 June 2010 http://montagnier.net/montagnier/index.php/publications/

10. L. Montagnier, J. Aissa, E. Del Giudice, C. Lavalee, A. Tedeschi, and G. Vitiello, "DNA waves and water" (provided to the author by Dr. Del Giudice).

11. Compare the experiments of Italian biophysicist Bruno Brandimarte in applying low-frequency magnetic oscillations, both *in vitro,* and to the healing of wounds and other pathologies. Brandimarte proposes that magnetic oscillations below 10 kHz are non-Maxwellian waves, which should be called *magneto-electric*, not electromagnetic. See, Bruno Brandimarte, "Whole-Body Magneto-Therapy Speeds Wound and Disease Healing," *21st Century Science & Technology,* Summer 2010, pp. 21-30.

ents for synthesizing DNA by the polymerase chain reaction (nucleotides, primers, polymerase) were added to the tube containing the pure water. It is expected that the PCR reaction should require the presence of at least one copy of the DNA segment which is to be reproduced, to serve as an initial template for DNA amplification. This was not added. The PCR reaction was then performed in the usual way by cycled exposure to heat. The result was that the DNA produced from the tube initially containing pure water was of the expected size and 98% identical in sequence to the original DNA sequence from the long terminal repeat of the HIV. Out of 104 nucleotides (the molecules which join together to make up the DNA structure), only two were different from the original. The experiment was reproducible and successful in 12 out of 12 tries. It was successfully repeated with a DNA sequence from a bacterium, *Borrelia burgdorferi*, the spirochete responsible for Lyme disease.

Montagnier concludes his report with the observation:

"These elements give support to a provocative explanation of our *Mycoplasma pirum* filtration experiment: The nanostructures induced by *M. pirum* DNA in the filtered water represent different segments of its genomic DNA. Each nanostructure, when in contact with the human lymphocytes, is retro-transcribed[12] in the corresponding DNA by some cellular DNA polymerases. Then there is a certain probability (even very low) that each piece of DNA recombines within the same cell to other pieces for reconstructing the whole DNA genome. We have to assume, that in presence of the eukaryotic cells, the synthesis of the mycoplasma components (membrane lipids, ribosomes) can be also instructed by the mycoplasma DNA. One single complete mycoplasma cell is then sufficient to generate the whole infection of lymphocytes. Recent experiments of the C. Venter group have shown [Gibson D.G., et al., *Science*, **329** 52-56 (2010)] that a synthetic genomic DNA is sufficient to maintain all the characteristics of a mycoplasma. All the steps assumed in the regeneration from water can be analyzed and open to verification."[13]

12. By this, I believe Montagnier means to indicate that the single-stranded DNA is synthesized as in a retrovirus, but without the presence of the RNA template. Instead, the aqueous nanostructure serves as the "template."

13. Montagnier, "DNA Waves and Water," op. cit.

Again, the Non-Particle View

A broad view of the results of Montagnier, as also those of the Craig Venter group, touch upon a most fundamental question as to the nature of life. In stating the principle, *all life comes from life*, a principle which has never been shown to be violated in any experiment to date, it is usual to envision some material process, such as egg and sperm, spore, or cell division, as the responsible agent. In the results reported here, however, the life principle appears to be transmitted, not by the immediate presence of a material substance, but mediately, in connection with a signal detectable by electromagnetic apparatus. The fuller elaboration of the mechanisms, whether by formation of nanostructures in water as suggested, or perhaps by additional means, remains to be worked out. However, we can say that the Montagnier results, as also the widely reported results of the Venter group in creating a bacterial cell controlled by an assembly of a complete bacterial genome,[14] require an extension of that usually limited conception of life. But it is the work of Montagnier, which sheds the greater light on the question.

The attempt to reduce the principle of life to something derivable from the laws of chemistry and physics was never very satisfactory. The argument of the vitalists, that an animating principle must be superimposed upon the presumedly self-evident material substance of living matter, also had its limitations. With the results of Montagnier, we recognize that the principle, *omne vivum ex vivo*, still holds, but only on the condition that we adopt a non-particle conception of life.

14. In 2010, researchers at the J. Craig Venter Institutes reported what some called "artificial life" (Gibson, et al., "Creation of a Bacterial Cell Controlled by a Chemically Synthesized Genome," *Science* **329** 52-56 (2010)). Ingeniously extending known methods of cloning, the team caused 100 components of artificially synthesized gene sequences to assemble into a structure virtually identical to the DNA of the bacteria *Mycoplasma mycoides*. Inserted into the cell of a closely related species of *mycoplasma*, the new cell grew into colonies, expressing the synthetic DNA sequence. The word "creation" in the article's title is, however, misleading. To those confused into supposing that life has been created *de novo*, some clarity might be achieved by the very rough analogy that the synthesis requires the *E. coli* and baker's yeast organisms as surrogate "father" and "mother," as it were. The synthesis requires staged insertion of the sub-products into the larger *E. coli* bacterium, and then into the DNA of *S. cerevisiae* (baker's yeast), where the artificial *M. mycoides* genome comprises about 5% of the total DNA length. Life is not created *de novo*, but only in the presence of life, as in the Montagnier experiments. This, apart from moral considerations as to the misuse possible in all genetic experiments, as also in the patenting of biological materials in agriculture, neither of which we take up here.

Editorial

The United States, or Obama

With the entire world standing at the edge of a new, uncontrolled phase of the global economic-financial breakdown crisis, it's essential that we state the situation with the utmost clarity. For the world to survive, the United States must return to its FDR tradition, and lead. For the United States to survive to do that, President Obama must be removed from office.

Thus, you have a simple choice: Save the United States, or Obama. You can't have both.

Do you still have any doubts about the dangerous insanity which this nominal President exhibits? Focus for a minute, on the ugly realities you hesitate to face.

The most recent example to hand is Obama's behavior vis-à-vis Egypt. Just look at his grandstanding about how President Mubarak had to leave immediately, without having an orderly, constitutional transition policy in place. Obama's statements to this effect essentially amounted to a narcissistic display of "I'm in charge here," with the potential of throwing the entire region into chaos. The President's behavior led Lyndon LaRouche to reiterate the urgency of his Obama's removal on the basis of mental incompetence.

You may, of course, argue that the President doesn't know what he's doing. That may be true. But his actions are nonetheless faithfully following a script made in the historical enemy of our nation, the British Empire. And if we let him proceed, he will bring not only regions like North Africa, but the United States itself to destruction.

Take the example of his economic policies, as they were reiterated in his State of the Union travesty, and are being carried out by the machinery of government. If these policies are not immediately supplanted with a Glass-Steagall policy, which will save our banking system and citizens from trillions in gambling debts, our nation is going to enter the phase of terminal collapse.

But Obama has shown absolutely no willingness to budge from an economic policy which is comparable to that of the British-sponsored Adolf Hitler. On the one side, Obama has heartily embraced the policy of full-throated support for the financial predators who created the 2007-08 debacle, and are leading us to hyperinflationary blowout. Bailouts are going on non-stop through Fed and Treasury policies that provide limitless money to the banks.

The other side of the policy is the one we've warned you of consistently since early 2009—the Hitlerian slashing of support for huge categories of people considered "useless eaters" from the standpoint of those bankers—the elderly, the poor, the chronically ill, the now apparently permanently unemployed. Obama tries to dress up the hard truth, of course—describing his health policy as extending coverage to all, and his cuts as moves to "competitiveness." In that regard, it's useful to remember that one of Hitler's claims to fame was "full employment"—including in the concentration camps.

Obama is not going to suddenly "change." He's running for re-election, by propitiating the very same British masters who sponsored him to begin with. He must be removed as an obstacle to our survival—by peaceful, Constitutional means. The road to achieving that necessary goal is to start telling the truth: Obama is a mentally ill President, serving British interests, and is a clear and present danger to our nation. If you love your country, he must go!

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