

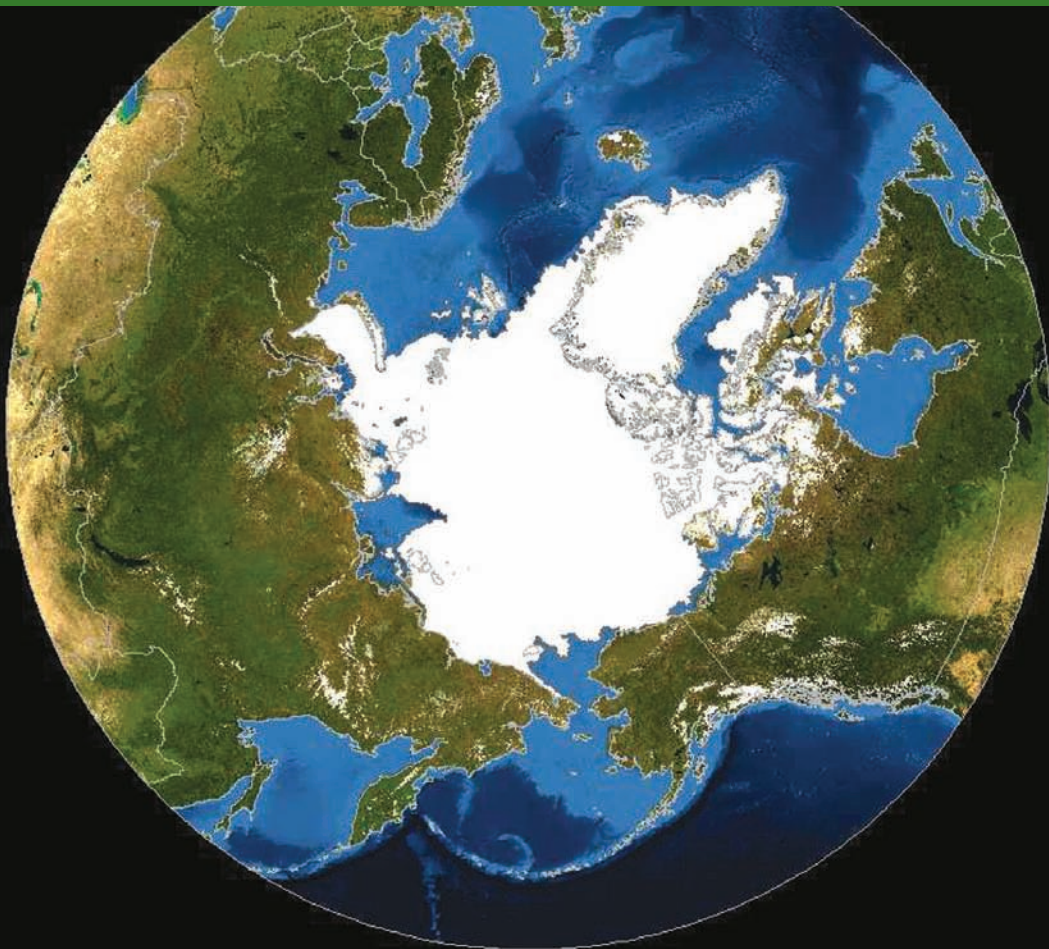
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Nov. 2 Choice: Obama's Ouster or Ungovernability
There's No Good Reason for Anti-Nuclear Hysteria
Endgame: Mass-Strike Process Erupts in France

**LPAC Videos Complete LaRouches'
Vision of Eurasian Land-Bridge**



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EIR

From the Managing Editor

This is our last issue before the Nov. 2 U.S. midterm elections, and our coverage highlights what voters need to know: It's not enough to be "against the incumbents," although there are plenty of good reasons to feel that way. The foremost strategic task is to deliver a powerful defeat to Obama and his cronies, and our *National* lead surveys the battlefield of that fight. We also report on the two LaRouche Democrats running in the Congressional election—Kesha Rogers in Texas and Summer Shields in Nancy Pelosi's district in California. They are campaigning down to the wire on a platform of ousting Obama, implementing Glass-Steagall immediately, and launching the expanded NAWAPA development perspective, with international participation.

Lyndon LaRouche will give a webcast on Nov. 6, shortly after the election, to pull together the picture and issue "marching orders" for the months ahead. Go to www.larouchepac.com at 1:00 Eastern Time, and assemble a roomful of people to watch.

There can be no doubt that one of LaRouche's focal points will be the North American Water and Power Alliance (NAWAPA), which is the subject of our *Feature* this week. We have been covering this exciting work by the LaRouchePAC Basement Team of young scientists for many weeks; here, we have pulled together an overview of the video series, which is now complete (barring surprises!). This is a Table of Contents to help you navigate the actual videos on the www.larouchepac.com site—the printed word is no substitute for actually watching these groundbreaking programs, which are drawing international attention and reviving the hopes of many an "old codger" who thought the days of "thinking big" were gone forever.

Also of particular note: John Hoefle's report on what's behind the "foreclosure freeze" mess in the United States is enough to make your hair curl. The fraud is pervasive, systematic, and from top to bottom, he writes. Virtually every element of our financial system has been corrupted by derivatives.

I highly recommend our *Science & Technology* section, a speech by nuclear physicist Veit Ringel, on why nuclear power is *not* dangerous when handled by competent specialists. It's a lively presentation by a man who, working for an East German nuclear research center during the Chernobyl accident in 1986, swallowed radioactive iodine to test the effect of the accident's fallout in the Dresden area. (The effect was minimal.)



Cover This Week

*The Arctic/North
Pole, viewed
from space.*



armap.org

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The Eurasian Land-Bridge concept has been the overarching conception of global development put forward by Lyndon and Helga LaRouche since the early 1990s. But now, with the recent work of the LaRouche Basement Team, this concept has been elaborated to a new level of completeness and richness, in video form. Starting with the animated, 3-D interactive videos of the NAWAPA project, which LaRouchePAC produced in early September, the new videos make that vision accessible to the imaginations of the general public.

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Leading U.S. politicians are warning privately that they fear that the outcome of the Nov. 2 elections will throw both political parties into chaos. With the White House already in a state of meltdown, a collapse of the Congressional function would be disastrous, they say. LaRouche responded: "The reality is that the entire global financial system is in a state of breakdown crisis, now." LaRouche added that Tuesday's election results will be "the final blow for the process up until this moment."

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"History is not a soap-opera," writes Helga Zepp-LaRouche. In reality, singular events, like 9/11, or the fall of the Berlin Wall, can shift the course of history in unexpected ways. Today, the German political leadership is making the same foolish and dangerous error that Hindenburg and von Schleicher made in the early 1930s, underestimating the chances for Hitler to seize power.

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LPAC Videos Complete LaRouches' Vision of Eurasian Land-Bridge

by Nancy Spannaus

Oct. 23—Starting in 1941, before the United States entered World War II, President Franklin D. Roosevelt laid out his vision for the world, which he was determined would emerge after the defeat of the Nazi threat. In the Atlantic Charter, imposed by FDR on Churchill at their meeting in Argentina, Canada in August, the prospect of a world of sovereign nation-states, freed of material want and oppression by empire, and collaborating to aid each other, was laid out in broad outlines, which FDR himself intended to pursue through the post-war United Nations Organization. Tragically, he did not survive to force that vision through.

FDR's drive to create such a world, unified in its common efforts to develop the potentials of all peoples of all nations, built on the shoulders of a succession of American patriots, and of great humanists before them. Most notable is the work of German philosopher, scientist, and legal scholar Gottfried Wilhelm Leibniz more than two centuries before, in the early 18th Century. Leibniz reached out, particularly through the *intelligentsia*, to the leading political powers of his day—including Russia's Peter the Great and the Chinese ruling dynasty, among others—in an attempt to create the basis for global collaboration on science and development. His commitment to building institutions dedicated to promoting scientific and technological progress had a lasting impact in shaping academies of science in Russia, Germany, and France, and in sparking the fight to create republican institutions in many nations—including, most emphatically, the United States.

Do you think FDR's and Leibniz's visions are simply part of the past, of "what might have been"? Think again. For today, with the work of American economist and statesman Lyndon LaRouche, and German scholar and stateswoman Helga Zepp-LaRouche, the potential for creating a global alliance among sovereign nation-states, for the benefit of all mankind, has not only been revived, but brought to a new and higher level. We stand on the edge of a new era of prosperity and peace for mankind—if we would only seize it.

The modern form which this vision takes is called the Eurasian Land-Bridge. The Eurasian Land-Bridge is a concept calling for corridors of transportation and economic development which will connect the entire globe, developing for the first time, the neglected interiors of whole continents, and raising the living standards and productive powers of labor of all people, to a level worthy of man's nature as the pinnacle of creation. A global rail network, universal electrification with abundant power, a network of new, livable cities, and modern agricultural and industrial facilities that will eliminate backbreaking, bestial conditions of work—all these are integral parts of this Eurasian Land-Bridge concept. It will bind nations together with the joint commitment to building and maintaining this new platform of development, while simultaneously collaborating on the next major leap in mankind's mastery of the universe, the colonization of space.

The Eurasian Land-Bridge concept has been the overarching conception of global development put for-



EIRNS/Stuart Lewis

The Eurasian Land-Bridge concept has been the overarching conception of global development put forward by Lyndon and Helga LaRouche (shown here celebrating his 75th birthday, in Washington, D.C., Sept. 8, 1997), since the early 1990s. Now, with the recent work of the Basement Team, this concept has been elaborated to a new level of completeness, in a series of LPAC videos.

ward by Lyndon and Helga LaRouche since the early 1990s. But now, with the recent work of the Basement Team of the LaRouche Youth Movement, this concept has been elaborated to a new level of completeness and richness, in video form. Starting with the animated videos of the North American Water and Power Alliance (NAWAPA) project, which LaRouchePAC produced in early September, the Basement Team has put forward what was a relatively bare concept, in a sensuous form, accessible to the imaginations of large sections of the general public. The Eurasian Land-Bridge can now be presented in a form that proves, beyond the shadow of a doubt, that it is “shovel-ready.”

The final element in this array of video products was released this last week, with the production of “The Taming of the Darien Gap” (see below). LaRouche described the achievement this way in the Oct. 20 LPAC Weekly Report:

“This represents, for us, and for me, a long-term achievement which started with the SDI project, actually. It went on to the Eurasian Land-Bridge. It went on to our work on the integration of an African development program, which was a serious African development program. And now, with going back to the McKinley Presidency, and the launching of the Darien Gap

policy, we have, now, more or less completed, together with NAWAPA, a design for the rescue of the planet as a whole, through cooperation among sovereign nation-states, without empire, throughout most of the planet. And if civilization is to survive the Obama tragedy, now, this will be the way in which it’s done: by ending this idea of whom do we crush, whom do we kick, in terms of nations; to finding modes of cooperation, as is illustrated by the Chilean miners’ case, that kind of cooperation, which brings nations together, to cooperate, on long-term efforts which improve everybody. And that’s where we stand.”

The Land-Bridge Concept

The kickoff of the LaRouche movement’s campaign for the global Land-Bridge concept came in 1992, in the immediate aftermath of the collapse of the Soviet Union. It was then that Zepp-LaRouche, founder of the Schiller Institute, in collaboration with her husband, then a political prisoner in the United States, expanded the concept of the European Productive Triangle, which was conceived by LaRouche in 1989, as a plan for joint development between Western Europe’s industrial heartland, and the Soviet Bloc, into a grand design for developing the Eurasian continent as a whole.

In one respect, the LaRouches' Eurasian Land-Bridge concept was not unique. It built upon the long-standing vision of restoring the Silk Road between Europe and Asia, a vision which the Chinese government had itself revived in the 1980s under Deng Xiaoping. In fact, a railway connection was opened between China and the Commonwealth of Independent States (the alliance of post-Soviet nations of Eastern Europe, Russia, and Central Asia) in 1992, under the name of the Eurasian Continental Bridge.

LaRouche's concept of the Land-Bridge, however, proceeded from the fundamental breakthrough which he had made in economic science, namely the fact that the survival of the human species (and the Biosphere) fundamentally depends upon the consciously creative efforts of man to increase the potential relative population density of the planet, through discovering and applying new and higher levels of energy-flux density. Collaboration among nations to foster this quality of scientific and technological progress, LaRouche insisted, was the only alternative to conflict, and physical collapse.

The signature proposal which LaRouche made in this direction, was his campaign for "directed-energy beam" weapons, a development undertaken in 1977, by the Fusion Energy Foundation, an organization he co-founded in 1974. This "beam-weapon" program was eventually picked up by the Reagan Administration, which dubbed it the Strategic Defense Initiative (SDI), the much-vilified program to "make nuclear weapons impotent and obsolete." In LaRouche's conception, which President Reagan adopted, the SDI would rest on scientific collaboration between the United States, the Soviet Union, and many other nations, toward developing technologies based on "new physical principles," which could not only be used to kill ballistic missiles. LaRouche also intended the SDI to revolutionize the productive potential of the planet, and avoid an otherwise disastrous economic collapse, coming from the stagnation of scientific and technological development due to the imposition of British imperial financial methods.

The promise of the SDI concept as a way of avoiding war, and as a science driver for the world's economies, was reflected in the way it inspired leading military and scientific layers in France, Germany, Italy, Argentina, and many other places, to join with the LaRouche movement in promoting the program.

When the Soviet Union, under British agents Yuri Andropov and Mikhail Gorbachov, rejected Reagan's offer for collaboration on the SDI, LaRouche, in 1983, warned the Soviets that economic collapse for them was in the range of five years away. And when the East Bloc as a whole was on the very knife-edge of disintegration in 1988, LaRouche renewed his offer for East-West economic collaboration, this time in the form of a Food-for-Peace proposal, issued in Berlin, on Oct. 12, 1988.

In November 1989, the process of economic collapse for the entire Soviet system arrived with political drama, with the fall of the Berlin Wall, and LaRouche took a new initiative, calling for the creation of a "Productive Triangle" which would mobilize the industrial and technological potential of the region defined by the cities of Paris, Berlin, and Vienna, into a center of development reaching through development corridors into the East. His wife Helga took the point in organizing for this program, speaking at hundreds of conferences in Western and Eastern Europe, many of which involved collaboration from government circles, as well as with other professionals.

When the Soviet Union itself disintegrated, in 1991, organizing around the Productive Triangle conception became even more urgent—especially as the Anglo-American financial empire was determined to move in to pick the bones of the Soviet Union, and ensure that no new economic institutions based upon universal development could take hold. In this context, Zepp-LaRouche expanded her organizing perspective to include all of Eurasia, and dubbed the Eurasian Land-Bridge (**Figure 1**).

A high point of this organizing drive was the May 1996 International Symposium for Development of the Regions along the Euro-Asian Continental Bridge, convened by the Chinese government. The Symposium, two years in the making, brought together over 460 experts and diplomats from 36 countries, among them, a Schiller Institute delegation led by Zepp-LaRouche. Zepp-LaRouche's presentation, "Building the Silk Road Land-Bridge," laid out a vision of how the development of the Land-Bridge must proceed as part of a "grand design for peace through development," with the creation of high-technology development corridors that would include upgrading of power, transport, and water systems. To implement this program, Zepp-LaRouche emphasized, would require scrapping the bank-

FIGURE 1
Eurasian Land-Bridge, 1992



rupt world monetarist system, and using American System economics to establish a world credit system, which could fund a global Renaissance.

In the wake of this conference, Zepp-LaRouche became a virtual global ambassador for the Eurasian Land-Bridge, for which she was dubbed the “Silk Road Lady” by her Chinese friends. No part of the globe was neglected by the Land-Bridge concept she put forward, as it included “spiral arms” of development into Africa, the Middle East, and eventually, the linkage into the Americas, through the Bering Strait. By 1997, this link across the Strait was an integral part of the Land-Bridge conception, as shown in the map developed that year by American engineer Hal Cooper, which was featured in *EIR*’s definitive report, “The Eurasian Land-Bridge” (Figure 2).

From 1997—with the outbreak of the global financial meltdown of that year, and its subsequent eruptions—to the present, the Eurasian Land-Bridge has remained at the core of the LaRouches’ programmatic proposals. The plan for the Bering Strait tunnel/bridge has become an important focal point, during much of

this period, as a concrete example of the necessary collaboration among Russia, the U.S.A., and China in a post-monetarist world. Political motion on the Russian side, in particular, in favor of this proposal, has put it upfront.

But it was Lyndon LaRouche’s decision to launch a mobilization for immediate implementation of the North American Water and Power Alliance (NAWAPA) program, on July 24 of this year, followed by the LaRouche Basement Team’s release of the first interactive, 3-D, animated map tour on a revived NAWAPA, on Aug. 20, that put new life into the global campaign for the Eurasian Land-Bridge. From that time forward, leading political and scientific circles internationally have been reanimated by the campaign for implementing NAWAPA, and the extensions which naturally flow from its implementation, and Biosphere-managing approach. Not since FDR’s Tennessee Valley Authority, or the U.S. Moon landing, has there been such international excitement about a campaign for a scientific breakthrough, which will benefit and involve all mankind.

FIGURE 2
Eurasian Land-Bridge, 1997



The Principle of Infrastructure

To comprehend what the LPAC Basement Team's work on the extended NAWAPA plan actually represents, is to begin to understand the conception of economic infrastructure in an entirely new way, the way which LaRouche's Riemannian economic method has defined the prerequisites for economic progress. As LaRouche has written extensively on this question in recent editions of *EIR*, we will only briefly reference the essentials here (see box).

At the core of the matter is the nature of man, and his relationship to the physical universe, as it has developed over the millennia of human existence. LaRouche has defined this relationship in terms of a series of platforms, each of which is characterized by a dominant mode of productive activity, and the corresponding cultural modalities of that activity.

Thus, "infrastructure" is not simply the building of a railroad in the middle of a desert, or a factory in a Third World slum—as today's monetarists in fact do. Properly understood, infrastructure defines a physical and cultural environment which bounds, and/or uplifts, the entire society in which it exists. It is integrally re-

lated to the level of energy-flux density of the major power source, and thus, man's ability to master and develop nature. Contrast FDR's rural electrification program, to Obama's placing of solar panels in the desert, and you may begin to get the idea. Similarly, with the contrast between a rail line from a mine to a port, to a network of high-speed rail connecting major population and industrial centers.

LaRouche has identified four infrastructure platforms, that have so far characterized human development:

1. Maritime culture, dominated by navigation of the oceans, and the growth of trade and development, centered on ocean coasts. This culture was based on an understanding of astronomy that defies the notion of "primitive" societies.

2. Riparian culture, dominated by the movement of human civilization up the rivers from the coasts, and the construction of artificial rivers in the form of canals, which created the connections between the countryside and the coasts. The achievements of Charlemagne are emblematic of this platform of development.

3. Railroad culture, which first followed the routes

of canals, and later, as in the case of Abraham Lincoln's Transcontinental Railroad, laid the basis for integrated national development.

4. Nuclear-energy-based culture, which defines a whole new capability for mankind's travel, availability of power, and skill level.

According to this principle of infrastructure, the platform that would be achieved by the NAWAPA project, and expanded to the Eurasian Land-Bridge, defines a whole new level of capability for mankind. This potentiality, which was outlined in the Basement Team's first paper on the NAWAPA project ("NAWAPA, From the Standpoint of Biospheric Development," *EIR*, Aug. 13, 2010), defines man, for the first time, in a practical way, as a creature, actually co-creator, of the Solar System, participating in the shaping of not only the Earth's landscape, but of climate and Biospheric processes more broadly.

Now, with the extension of this principle to development globally, we can see our way clearly to international collaboration for the "common aims of mankind." It's so much easier, when you raise your head up out of the mud.

The Crucial Role of the United States

No discussion of the Eurasian Land-Bridge development concept would be complete without addressing the question of the crucial role of the United States. It is no accident that the initiative, the scientific depth, and the political commitment to driving through this project, is coming from the United States. Ideas are immortal, but they live within the minds of real people, who have to act on them, and the United States, with its unique history, is the lawful place for this centuries-old idea, of a global alliance for scientific development, to come to life.

The United States became, and remains, the world's premier republic, because it was here that, far distant from the imperial oligarchies, the most advanced scientific and humanist ideas were able to take root. One could even say that the creators of the Italian Renaissance are the intellectual founders of America, and that those ideas and tradition have been able to flourish here politically, more than in the nations of their birth. The Declaration of Independence and the U.S. Constitution are not mere words, but living traditions within the history of the country, although, in the years since Franklin Roosevelt's death, they have been increasingly attenuated.

The republican institutions, and residual power embedded in our scientific and industrial accomplishments, not only remain, but are absolutely essential to breaking the power of the globalist British imperial structures that are destroying the world. No other nation in the world can initiate the transformation required in the world economic and financial system—although it is essential that the United States ally with other sovereign nations, such as Russia, China, and India, in order to accomplish the task. Nor is this any secret to the rest of the world. Witness the tremendous excitement among international circles when they see that people in the United States are preparing to go back to great projects like NAWAPA. That very fact opens up the vista of hope for all mankind.

Implicitly, and by intent, that is exactly what the LPAC Basement Team, with the completion, thus far, of its video tours of the elements of the Eurasian Land-Bridge, has done.

All that is lacking is to remove the major impediment to realizing that vision—the British puppet Obama—from the Presidency of the United States, and moving ahead to implement FDR's Glass-Steagall. Indeed, the intensified drive to realize the Land-Bridge, with the release of the video series we review below, will hasten that day, which must be close indeed.

Bibliography

The following articles by Lyndon LaRouche provide in-depth discussions on the principle of infrastructure.

- "The Infrastructure Principle: Mankind Developing the Planet," a discussion by LaRouche on the LPAC Weekly Report, which appears in *EIR*'s Aug. 6, 2010 edition, No. 30.
- "Learn from NAWAPA: Mind or Body?," a feature in *EIR*'s Aug. 20, 2010 edition, No. 32.
- "The Economic Past Is Behind Us! Money or Credit?," a feature in *EIR*'s Sept. 10, 2010 edition, No. 35.
- "LaRouche Webcast: 'The New Economy,'" a transcript of LaRouche's Sept. 24 webcast in *EIR*'s Oct. 1, 2010 edition, No. 38.

NAWAPA: An Overview

This 23-minute video provides an overview of the NAWAPA system for continental water management of the Western Hemisphere, and features the first-ever 3D, animated, interactive map of the basic infrastructure plan, which promises to be “the greatest effort in Biospheric engineering in human history.”¹ NAWAPA will overturn a century-long policy of underdevelopment, imposed by that British agent, President Theodore Roosevelt, and perpetuated today, under the evil of Prince Philip’s environmentalism. It will be an indispensable contribution to future generations whose very existence depends on such science-driver projects.

NAWAPA, the North American Water and Power Alliance, as presented in the LPAC video by the LaRouchePAC Basement Team, uses up-to-date

Google Earth satellite mapping to mark out the sites for dams, reservoirs, power stations, pump lifts, tunnels, and canals, throughout the entire system. It is otherwise faithful to, and further elaborates the original design of the Ralph M. Parsons Co., first presented in 1964. NAWAPA, as described by Parsons then, was “feasible and necessary.” It is more so now than ever.

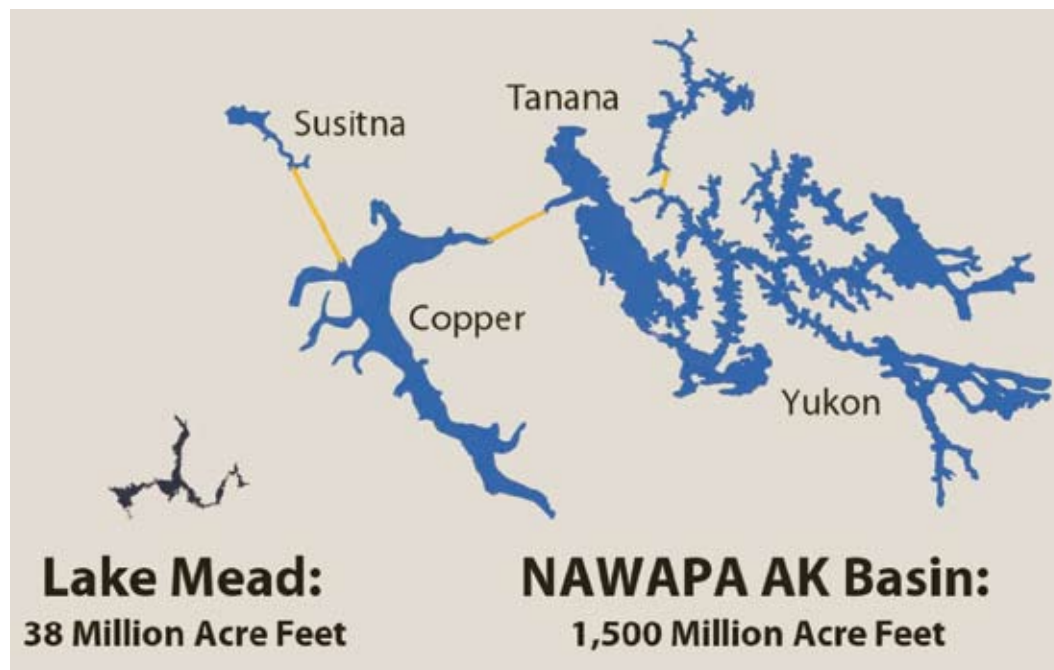
By thoroughly resculpting the physical terrain and hydrological cycles of the continent, NAWAPA will signal a profound shift in the popular conception of basic economic infrastructure, to its proper meaning as nothing less than the human species’ management of the Biosphere. The adoption of NAWAPA also means the salvation of the collapsed U.S. physical economy, through the immediate employment of 3-4 million people, including a very large portion of engineers, scientists, technicians, and machinists, whose vital skills represent the core capability for securing a recovery for the country.

Following the introduction, the video is divided into three sections:

Collection: Traveling above the surface of the Earth, you will observe the enormous system of proj-

1. www.larouchepac.com/node/15629

FIGURE 1



Lake Mead, formed by the Hoover Dam, is the largest reservoir in the United States today, with a storage capacity of 38 million acre feet; the total storage capacity of NAWAPA will be 4.4 billion acre feet, while the Alaska Basin alone, will store 1.5 billion acre feet.

LPAC-TV videograb

FIGURE 2

The Water Distribution Network of NAWAPA



LPAC-TV videograb

ects, designed to take large amounts of fresh water from Alaska and the Canadian Yukon, divert it before its runoff into the Pacific Ocean, channel it through Canada, into the United States, and all the way to northern Mexico. This will be achieved by a series of dams, canals, tunnels, lakes, and pump lifts, guiding the water down the continent, allowing for the potential irrigation of an estimated 86,000 square miles, transforming the arid landscape along the way.

A singularity: Water from the Fraser River will be pump-lifted 670 feet into the massive 500-mile-long Rocky Mountain trench, which will become the primary storage basin for the NAWAPA system, storing 520 million acre-feet of water, and provide 6,000 MW of power.

Transfer: The millions of acre-feet of water are lifted to high elevations in Idaho, Utah, Nevada, and other states, 5,000 feet above sea level. The Sawtooth lift system will lift tens of millions of acre-feet of water flow, using dams and pump systems, thousands of feet; then the rivers will be connected by tunnels, to carry the water into the Southern U.S.A. and Mexico.

Like FDR's Tennessee Valley Authority, NAWAPA is more than just a water project: It is mankind creating a new platform of preconditions which will determine what new levels of productivity we can achieve.

Distribution: The Southern region of NAWAPA will receive 72 million acre-feet of water per year, distributed among seven U.S. states, and five states in Mexico. It will triple the current water flow, providing irrigation to 70,000 square miles, making the deserts of the parched Southwest bloom, and covering the land with green plants, both for agriculture and for improving the Biospheric conditions overall.

In short, NAWAPA will fundamentally change the climate of the entire continent, moderating temperatures, providing moisture, and having a multiplier payback, in terms of water-cycle activity. NAWAPA does not add crops to a desert; it removes the desert altogether. Thinking in these terms will serve us well for tackling the problems of planetary exploration and development.

—Bonnie James

NAWAPA: Filling Out the Picture

Two additional videos elaborate some of the issues discussed in the “Overview”: one, the 20-minute “Continental Implications,”¹ addresses the fact that the shipping of matériel into the construction areas of NAWAPA will require new and improved transport and logistical supply lines. This 20-minute video, narrated by Michael Kirsch, identifies three main areas to be developed, on which construction can be carried out simultaneously:

1. The refurbishing of existing and the addition of new rail lines from a revitalized American industrial heartland, to the Northwest and Western regions;

2. A new Alaskan-Canadian rail system which will establish a rail connection from Alaska to the rest of the continent, for the first time;

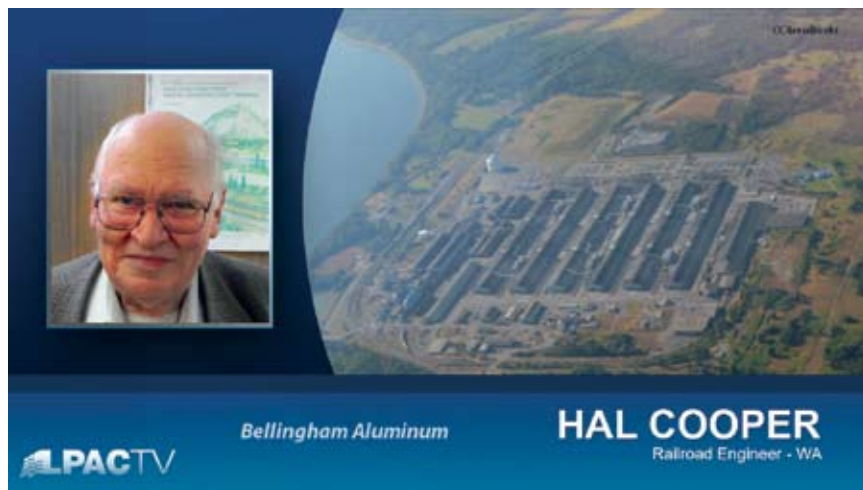
3. Management of the North American water cycle through NAWAPA, and the economic integration of the Eurasian and North American landmasses, including a new Bering Strait rail-tunnel system.

In a second, 47-minute video, “Building NAWAPA: A Discussion with Experts,”² Michael Kirsch interviews a number of specialists, including civil, mechanical, and railroad engineers, and those who worked for the U.S. Army Corps of Engineers. The discussion covers what it will take to carry out the vast projects envisioned for the transcontinental NAWAPA system, focussing on what Kirsch calls the “central inflection point” of the system: the transfer function. This is where the collection

from the northern flows is largely transferred to the lower end of the Colorado River Basin, and up 2,450 feet into the Great Basin leading to the distribution function of NAWAPA. Here, the transferred water now performs a higher order of change, by uplifting the entire management system of the continent.

We are invited to view and take part in this discussion with the relevant experts around the country, as to what kind of transformation, and process, is involved in the implementation, and future effects of the design for the North American Water and Power Alliance.

—Bonnie James



LPAC-TV videograph

Dr. Hal Cooper, the well-known railroad engineer, is one of the many experts consulted by the LPAC team, on some of the more challenging issues related to the implementation of NAWAPA.



LPAC-TV videograph

Several million new productive jobs will be created by the enormous NAWAPA project, as it begins to roll back the devastation of the economy created over the past four decades.

1. www.larouchepac.com/node/15903

2. www.larouchepac.com/node/16114

The Arctic: NAWAPA and Beyond

With the melting of glaciers 10,000 years ago, the landmass connecting what is today Siberia and Alaska was flooded, and the Eurasian and North American landmasses were separated. Following the glacial melting, maritime cultures emerged, and became imperial powers, until the development of the railroads in the 19th Century—notably the U.S. Transcontinental Railroad, and Russia's Transsiberian Railroad—opened up the interior of continents for economic development.

This LPAC video,¹ narrated by Michelle Lerner, picks up the thread that was severed with the British assassinations of, first, Abraham Lincoln, and then, William McKinley, who intended to expand the railroads across the continent, East to West, and thence, into South America; now, NAWAPA will extend the continental system by bridging the 65-mile wide Bering Strait with rail, and reestablishing, for the first

time in 10,000 years, the link between the two continents.

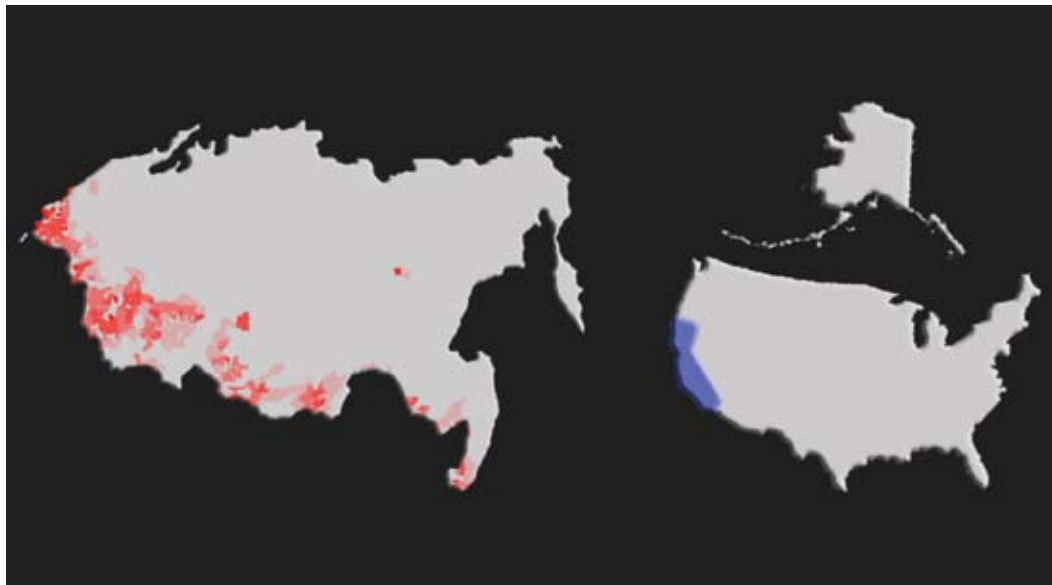
The Arctic Circle, which will become a new frontier for economic and scientific development, is bordered by the United States, Canada, and Russia. Russian Siberia, an area one and a half times the size of the United States, but with only 36 million people, contains an estimated 16% of the world's minerals; and the Arctic is estimated to have some 9,000 mineral deposits.

The question is posed: What standard of living is needed to raise the conditions of life for those two-thirds of Earth's population who are today barely sustaining themselves? The challenges posed by the economic and physical development of the polar regions can begin to both provide the know-how for human colonization of Mars, and the wealth needed to lift those billions of souls out of the miserable conditions they are suffering.

Moreover, the enormous project of the development of the Arctic/Polar regions, will provoke major scientific breakthroughs, picking up where the great Russian-Ukrainian geophysical scientist Vladimir Vernadsky left off, in his discussion of the biogenic migration of elements. It will, as well, create precisely those preconditions for the establishment of what Lyndon LaRouche has proposed as the Four-Power Alliance, among the United States, Russia, China, and

1. www.larouchepac.com/node/16053

FIGURE 1



LPAC-TV videograb

Siberia (left) is over 1 1/2 times the size of the United States, with only 36 million people, about the same population as California; yet 16% of world's mineral resources, are located in Siberia, just waiting to become available to serve the needs of humankind.

India, which nations, along with many others, will take part in this great development project.

One of the most exciting areas of discovery will be in the field of electromagnetic phenomena. As the video points out, numerous animals, such as birds, as well as human, use the Earth's magnetic field for navigation, or are intimately connected with it in other ways. Above the Arctic, the Aurora Borealis dramatically reminds us of the significance of the Earth's electromagnetic phenomena. Advances in understanding the role of cosmic radiation on Earth are also on the horizon, as we begin to uncover the secrets of the Polar regions.

Implications for Mars Colonization

What are the implications of all this for the creation of a Biosphere on Mars, which lacks a planetary magnetic field? How does this affect the potential of life to exist on the Red Planet? Life has been found in Earth's



LPAC-TV videograb

Two-thirds of the world's people are barely surviving. What standard of living must be maintained worldwide to develop man's cognitive powers to reshape the Biosphere in his interest?

polar regions in places that it was thought impossible for it to exist. Live microbes have been found in Alaska after being frozen for 32,000 years! NASA has speculated that the thick ice sheets found in the Arctic, could provide protection from the hard vacuum and radiation environment of space. Could life also exist under the polar ice caps of Mars? How might these organisms help to bioengineer a suitable environment on Mars?

The possibility of answering these, and even more chal-

lenging questions, makes it very clear that NAWAPA is much more than an interesting option for the future. It, and the subsequent development of the Arctic that it opens up to us, are, among its myriad other associated effects, nothing short of the next evolutionary step for the development of the Noösphere.

NAWAPA is a crucial next step on a series of higher and higher platforms, moving mankind ever deeper into a realization of its role as the co-creator in the universe.

—Bonnie James



LPAC-TV videograb

Anomalous physical phenomena, like the Aurora Borealis, suggest something, whose intention is the evolution of living processes.

NAWAPA: The Possibilities of Africa

“Look back at the history of the Earth’s Biosphere,” this 21-minute LPAC video beckons us.¹ Can you hear the first gentle breezes, the first thud of the fruit as it drops from the trees, the first melodic song of a bird? Now mankind enters this stage, and has the gigantic responsibility to harvest and develop this fruit, to multiply, and to create civilization, to replenish the Earth, and subdue it, to have dominion over the fish of the sea, and the fowl of the air, and over every living thing that moveth upon the Earth.

We can think of NAWAPA as man harnessing this process of nature, harnessing the climate, and curbing its wastefulness.

Thus, says the narrator, we will now enter the Vernadskyan age of man. And what better place on Earth, to begin, than in Africa, where, looking at the continent as a whole, we find some of the most extreme of the extremes, conditions incapable of supporting any long-term civilization of human beings: In the North, the desert is expanding, and a threatening army of sands from the Sahara looms nearer and nearer to the cities in the Sahel region; in the Central West, there is frequent flooding in the Congo basin; then there are the swamps of the East, blocking the flow of water for up to a year; and further east, in Ethiopia, are some of the hottest temperatures on the Earth’s surface.

Africa is, at present, a pretty big “fixer-upper.”

The video then takes us for a trip along the great Nile River: We see that the system of water collection and transportation already existing in Egypt and Sudan is impressive; dams and reservoirs have been built and are under construction. But, the people of region are struggling to conserve the water flow along the Nile, although there is clearly a desperate upper limit to this process. The lands of Sudan are potentially among the most fertile in the world. For example, the Gezira farmland project lies between the Blue and the White Nile, holding more than 2 million acres of agriculturally productive land—roughly two TVAs, side-by-side. Over half the land in Sudan is irrigable in this way, and could become a bread-



LPAC-TV videograb

Work on the Jonglei Canal, the biggest infrastructure project in Africa at the time, began in 1978; the largest bulldozer in the world, seen here, was brought in, and nicknamed “Sarah.” The project was never finished, and Sarah still sits, rusting in the desert.

basket for the world!—were the political conditions, imposed by the British Empire, wiped away.

Developing the Right Questions

Next we see infrastructure projects, lying half-finished, rusting, along the Nile’s tributaries. For example, the Jonglei Canal project was first studied by the government of Egypt in 1946, and plans were developed by 1959. Work started in 1978, and once under construction, it was the biggest infrastructure project in Africa, bringing in the largest bulldozer in the world, a huge canal-boring machine, the bucket wheel, nicknamed “Sarah,” made by West Germany. After six years, about half of the 220-mile canal was completed—until, in 1984, under a British-orchestrated destabilization operation, the southern Sudanese rebels brought the works to a halt. Sarah now sits, rusting, where they left it, being shot at with missiles by the rebels.

Yet, this land is full of potential, as FDR knew. During the Casablanca conference (1945), he spoke about the tremendous potential to develop Africa, if it were freed from colonial persecution: “The Sahara would bloom for hundreds of miles....”

Next, look at the Nubian sandstone aquifer, which is in use for irrigation, but nuclear desalination is needed to meet expanded needs for freshwater. In Darfur, satellite geologist and NASA veteran Dr. Farouk El-Baz has found a massive underground

1. www.larouchepac.com/nawapa-africa



LPAC-TV videograb

President Franklin Roosevelt (right, with Chiang Kai-shek) travelled over the region, and knew it well. At the Casablanca conference, in Morocco, in 1945, he spoke about its potential: “Wealth: The imperialists just don’t realize what they can do, what they can create! They’ve robbed these continents of billions, and all because they were too short-sighted to understand that their billions were pennies, compared to the possibilities, possibilities that must include a better life for the people who inhabit this land.”

body of water, equivalent to the size of Lake Erie, and has proposed to build 1,000 wells to aid the water-starved area—but, the project is being stymied by the British, and their tools, like Obama.

In the Sahel region, Lake Chad, once the sixth-largest freshwater lake in the world, is drying up. A plan, known as the Transaqua project, to address this, by creating a gigantic, new river, to empty into Lake Chad, was put forward in 1972, by the Italian firm Bonifica. The new river would create the first inland water port on the African continent; the water flow would produce 4 GW of hydroelectric power. New farmland in the Lake Chad basin, totalling

12-17 million irrigated acres, will be created, saving millions from starvation.

Next, the rail lines will be developed: The Eurasian Land-Bridge plan of Lyndon and Helga LaRouche, will answer the need.

Ultimately, it will take huge amounts of nuclear fusion-powered desalination to green the deserts of Africa, once again.

But that’s not all: It is not only the African deserts that will be wiped out: there is a band of deserts, from the Sahara, to the Gobi in China—more than 5.5 million square miles in all—1/10th the size of Mars! Wouldn’t terraforming this area with nuclear power, and developing it to support civilization, be a wonderful opportunity to learn some crucial lessons for our future’s future!

As LaRouche points out, at the conclusion of the video: “We don’t have to have all the answers. We have to develop the right questions. And develop some of the answers, at least partially, to those questions....”

—Bonnie James

FIGURE 1



LPAC-TV videograb

The Transaqua development scheme to supply water to Lake Chad and the surrounding region, as proposed by the Italian firm Bonifica, has been suppressed by the British imperialists.

NAWAPA Extended: Taming the Darien Gap

With the completion of a Bering Strait tunnel, linking Eurasia and the North American continent, and the extension of NAWAPA into Mexico and Central America, the major part of the South American continent will remain to be connected to the system, through the Darien Gap. As we learn in this 23-minute video,¹ narrated by Meghan Rouillard, while the “Gap,” long ago, physically separated Central and South America, today, they are separated by a nearly impassable, vastly underdeveloped region, kept that way by the British empire, and its intention to keep world civilization backward and controllable. The disconnection of the two landmasses can best be viewed from the standpoint of LaRouche’s conception of cultural-economic platforms. Neither modern roads, nor railroads can traverse this region, in its present state.

The NAWAPA perspective will address the development of the Darien Gap, by applying the most modern methods of water management, transportation, including high-speed rail, nuclear power, and advanced aerospace, as well as musical and scientific education, to uplift the populations of South America, for generations to come.

When the Panama Canal was inaugurated in 1914, the ancient connection between the Atlantic and Pacific Oceans was reestablished, along with the potential to develop the entire subcontinent into a flourishing economic singularity, and to integrate the Americas, from North to South. It was precisely this potential, that the British empire was determined to prevent.

1. www.larouchepac.com/node/16138

The video then reviews the determination of the German humanist Alexander von Humboldt to develop the South American continent, which he explored in the mid-19th Century, with rail and water transport; in the late 19th Century, President William McKinley promoted rail links from the United States, through Central America, and traversing the Darien Gap, into South America. Another Andean rail line, proposed at the time, was ridiculed by the greenies of the day, as “trains to the Moon.” But, maps show exactly where these rail lines were to be built,

FIGURE 1



LPAC-TV videograb

The Pan American Highway; inset: the Darien Gap.

had the imperialists not moved to kill the baby in the cradle.

In fact, it was the assassination of McKinley, in 1901, at the Pan-American Exposition, in Buffalo, N.Y. (which was celebrating precisely this kind of scientific and economic potential), that snuffed out the development perspective. Then, British agent, Theodore Roosevelt became President. Today, TR’s tradition is represented by the World Wildlife Fund of Prince Philip, which, along with other British-run “environmentalist” kooks, has prevented any development of the Darien Gap, with the designation that it must be preserved as a “Biosphere reserve.”

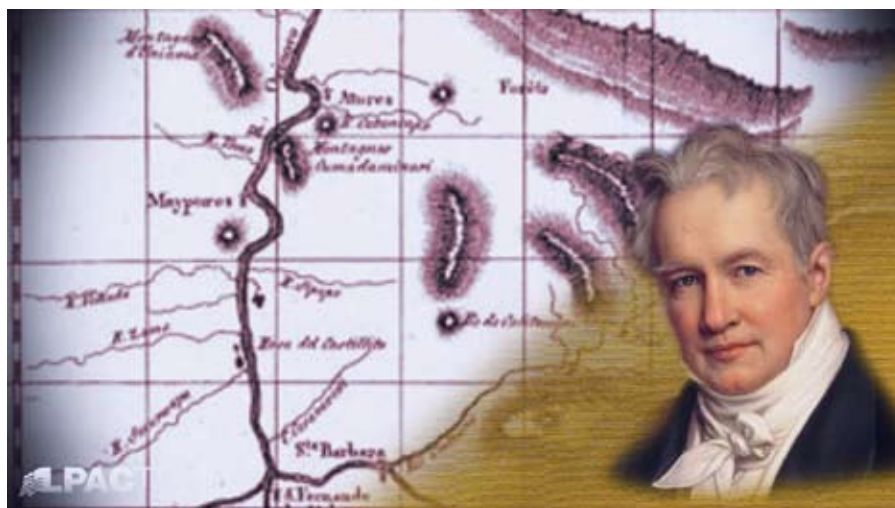
As we learn, the “reserve” has now become a *terra incognita*, inhabited and controlled by the narcoterrorist FARC—with the blessing of the British monarchy and the WWF.

A Second Panama Canal

LPAC then presents a plan for the physical-economic integration of the Americas, starting with high-speed rail through the Darien Gap. A second Panama Canal, necessary because the original Canal is far too narrow to accommodate the large loads to be shipped through to the new areas under development, will be built. There are several possible routes shown, along with their connections to the present and future transportation networks.

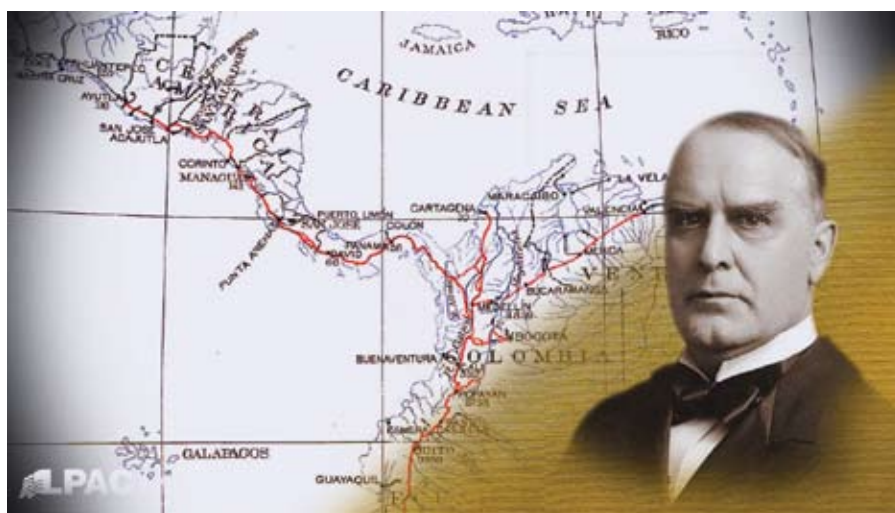
One of the major targets for development is the Amazon in Brazil, where, as we discover, there was, over the past 12,000, a highly advanced, astronomically oriented civilization. This prehistorical society terraformed thousands of square miles of the Amazon, creating raised mounds above the floodplain for agriculture and settlements, and constructing complex hydraulic works. Contrast this to the primitive, imperially enforced slash-and-burn farming techniques practiced there today. By reintroducing the hand of man, as gardener and terraformer in this region, we will come to understand better how the entire Biosphere functions, and perhaps, even craft new weather systems for our benefit.

This video next considers the region's vast mineral wealth, just waiting to be put to use for the benefit of mankind: This includes large desposits of coal, petroleum, natural gas, and uranium, along with iron, copper, nickel, zinc, and bismuth, etc. Next on the agenda, is the construction of nuclear power plants to fuel the industrial development that will take place. Argentina and Brazil can become centers for space exploration, while the southern tip of Chile, can become a jump-off point for the exploration of the Antarctic, where cosmic anomalies, such as the Aurora Australis at the South Pole, invite exploration.



LPAC-TV videograb

The German humanist Alexander von Humboldt explored South America in the mid-19th Century, and proposed to develop its great potential with rail and water transport.



LPAC-TV videograb

President William McKinley continued the continental development perspective of Abraham Lincoln, and like Lincoln, was assassinated by the British. The map shows a rail line, as McKinley dreamed of building, going through the Darien Gap.

The transformation of the Biosphere, and upgrading of the cultural platforms of the population, will prepare us to meet the challenges of space exploration. The closing of the Darien Gap will be a singularity in this process of development. But first, we must change the reigning axioms in the United States, so that we can take step one: NAWAPA.

The narration closes with the following caution: "Let us not be the generation that looks back and says, 'We could have made all of this happen, but we failed.'"

—Bonnie James

NAWAPA Extended: A Eurasian Case-Study

This brief, 7 1/2-minute video¹, looks at a project to revive the Aral Sea, a NAWAPA-like project which was shut down under former Soviet Premier Mikhail Gorbachov, but recently has been promoted by German stateswoman Helga Zepp-LaRouche, as well as the former Mayor of Moscow, the Presidents of Kazakstan and Uzbekistan, and the former head of the Uzbek Academy of Sciences.

The transformation of the region around the Aral Sea would be achieved by linking up the runoff from rivers in Siberia with the Aral, in a region which has been experiencing a biospheric and noëtic downshift as a result of the dessication of the sea. A dramatic shrinking has taken place since the 1960s and '70s, when water from the rivers that flowed into the Aral, was diverted for water-intensive cotton farming. The subsequent dessication has destroyed the fishing industry and agriculture, and significantly affected weather in the surrounding region, which is now plagued by salt storms.

The narrator asks pointedly: "Is this region, with some of the most fertile soil in Central Asia supposed to be a desert?"

Looking at the map, we can see that the solution to this crisis lies many miles away, to the northeast, in the Altai Mountains, at the intersection of Russia, China, Kazakstan, and Mongolia. It is a region of anomalously high precipitation, and the source of the Ob and Irtysh rivers, which drain into the Arctic.

A canal, 2550 km long, and 200 meters wide, will be constructed, and combined with dams and reservoirs, to

capture a portion of the runoff waters that now drain into the Arctic, and continue on to refresh the waters of the Aral Sea. Fishing and agriculture will be rejuvenated, as 4 1/2 million hectares of irrigable land will be made available to produce for Russian and Eurasian consumption. This greening process will impact climate and other biospheric cycles, as NAWAPA will do in the U.S.A.

—Bonnie James

FIGURE 1

The Aral Sea, as it appeared in 1973...



LPAC-TV videograb

FIGURE 2

...and as it appears today.



LPAC-TV videograb

1. www.larouchepac.com/node/15727

Europe's Contribution

Germany's Civil Rights Solidarity Movement (BüSo), chaired by Helga Zepp-LaRouche, recently produced a two-part German-language video titled "The Coming Eurasian World: The Worldwide Land-Bridge," which is available at <http://www.bueso.de>. It presents the broad sweep of development projects proposed by Lyndon LaRouche going back 40 years, to the Oasis Project for the Middle East, and by Zepp-LaRouche, beginning with her "European Productive Triangle" proposal in 1990, the forerunner of the Eurasian Land-Bridge proposal.

Although the video has a global focus, for purposes of this *Feature*, we briefly summarize only the sections pertaining to Europe. A longer report will appear in the future.

First, the video motivates the very idea of the need for economic development programs. Most people today, especially in Green-dominated Germany, have opinions no better than those of the Hari Krishna cult, which argues that everything, from the floods in Pakistan, to the destruction in Haiti is the fault of "climate change." This, however, is absurd, because floods and other natural catastrophes have been with us throughout the Earth's history. And our relation to these catastrophes, has everything to do with our level of economic development. In Los Angeles, for example, the 1994 earthquake resulted in relatively few casualties, even though the earthquake there was almost as strong as the one in Haiti. But only 57 died in Los Angeles, while hundreds of thousands died in Haiti.

But unless the crisis is reversed, we will be ill equipped for future disasters. There is massive destruction of fire and rescue services in U.S. communities, and the same is going on in Germany, with massive layoffs of police in Saxony, for example. In Saxony's rural areas, an on-duty policeman has become as rare as a UFO, and in many parts of Germany, police now take up to four hours to respond to a call for help. The total investment backlog in Germany is at least EU1 trillion.

FIGURE 1



EIRNS

'Platforms' for Development

Lyndon LaRouche, in an interview filmed in Germany, develops his concept of "platforms" of development, taking mankind from one level of technology and culture to the next. For example, the European canal system envisioned by Charlemagne was a step to a higher platform than previous maritime cultures. Then we went from river and canal systems, to rail systems, which became continental. Now we're talking about intercontinental rail systems, such as the Bering Strait tunnel. Such things require a fresh look at what progress really means, and what we must do to ensure humanity's well-being into the future.

When the Berlin Wall fell in 1989, Helga Zepp-LaRouche was the the only political figure who was prepared to act. Her husband's October 1988 address in Berlin forecast the collapse of the East bloc and Germany's reunification. It was clear that a joint East-West program of development would become possible. With Germany's reunification in 1990, Zepp-LaRouche declared that a golden moment in history had arrived, and should be seized immediately.

In January 1990, the Schiller Institute published a pamphlet, "The 'Productive Triangle Paris-Berlin-Vienna': A European Economic Miracle as Motor for the World Economy." The proposal was addressed specifically to Germany's Chancellor Helmut Kohl. Zepp-LaRouche wrote: "I recommend the enclosed study for your attention. It contains a proposal for a comprehensive European infrastructure program, as the precondition



EIRNS/Helene Moeller

Helga Zepp-LaRouche addresses a BüSo campaign event in Dresden, Germany, Sept. 26, 2009, during her campaign for Chancellor.

tion for the economic reconstruction of eastern Europe. This proposal was elaborated by my husband, Lyndon LaRouche, and proceeds from the idea that only such an economic development program, which also incorporates a Soviet Union wracked by a deep economic crisis, can constitute an effective policy for the preservation of peace.”

Many German ministries sent thanks for the proposal, and promised to study it. Zepp-LaRouche campaigned all over eastern and western Germany, to put the plan onto the agenda. Medium-sized and large industrial firms greeted the program enthusiastically—however, they said, the State must take the lead. Chancellor Kohl, however, gave in to pressure from France’s François Mitterrand and Britain’s Margaret Thatcher, and agreed to the early replacement of the deutschmark with the euro, as the price for Germany’s reunification. With the assassinations of Alfred Herrhausen and Detlev Rohwedder, both of whom had committed themselves to developing eastern Germany’s and eastern Europe’s industry, the pressure on Kohl reached a high point.

With the collapse of the Soviet Union in 1991, the Schiller Institute expanded the scope of Zepp-LaRouche’s program. This was the birth of the Eurasian Land-Bridge. Over the following years, Mrs. LaRouche was active worldwide as an advocate for her

plan, at hundreds of conferences and seminars, bringing together high-ranking participants from every continent.

Which Way Will Germany Go?

Unfortunately, today, Germany and Europe have increasingly distanced themselves from the concept of “peace through development,” and have succumbed to high-risk financial speculation and radical ecologism, and the resulting destruction of the real economy. And it is revealing to note that most of the so-called grassroots ecology organizations are financed by the same hedge funds which have helped bring the crisis about.

But a large majority of the world’s nations want exactly what the LaRouches are proposing. And the irony is that many of the required technologies come from Germany itself, which makes high-quality machinery which is exported, but not used at home, due to ecologist opposition. But millions of new, productive jobs could be created in Germany with the inherently safe high-temperature reactor, the closed-cycle fast breeder, and the Transrapid maglev.

Does Germany really want time to stand still? Does Germany really want to become a giant museum, whose days as a great industrial power are numbered? Helga Zepp-LaRouche answers, in a clip from a recent public address, that you have to examine yourself for how many axioms of globalization you are carrying around within you. You have to find your internal computer “delete” key, and say you’re going to throw all this rot out. And then you have to ask yourself what you’re doing with your soul. You have to ask, “What’s wrong with me, that up to now, I haven’t stood up and said that it’s simply inhuman when thousands upon thousands of Africans die in flooding that isn’t even mentioned in the newspapers?” Because without taking this step, we won’t make it. And once the rot has been thrown out, we must develop a passionate love for humanity; and this can be learned, too. I’m totally optimistic about humanity’s future, she declared.

—John Sigerson

LaRouche's Plan To End the Depression And Create 3-4 Million New Jobs

NAWAPA

We are now on the edge of the post-Obama era, in which it becomes possible for mankind to orchestrate an upshift in Biospheric development, starting with the NAWAPA program to re-engineer the entire Northwest water system, from Alaska down to Mexico.

LYNDON LAROCHE— LEARN FROM NAWAPA: MIND OR BODY?

Man's power to exist lies not in the things which exist, but in the process through which things, and mortal human lives, come and go, in the domain of the immortality of each soul of a very special species, mankind. . . .

NAWAPA could not be killed, because it was the immortal feat on which man's future presently depends.

- **NAWAPA: "The Next Evolutionary Step for the Human Species,"** a Basement Team Roundtable, EIR, Aug. 27, 2010 (<http://tiny.cc/f14hd>).
- **"Learn from NAWAPA: Mind or Body?"**
by Lyndon H. LaRouche, Jr., EIR,
Aug. 20, 2010 (<http://tiny.cc/iovad>)
- **"NAWAPA, from the Standpoint of Biospheric Development,"**
by Sky Shields et al., EIR,
Aug. 13, 2010
(<http://tiny.cc/ai2gm>)

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Renewed Warnings of Israeli Attack on Iran
LaRouche: Fire Obama, the Failed Personality, Now

**Learn from NAWAPA:
Mind or Body?**



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Only the LaRouche Plan Will Stop Mortgage Fraud

by John Hoefle

Oct. 23—In the previous two articles on this subject (*EIR*, Oct. 15 and Oct. 22) we have focused on the higher levels of the mortgage-fraud scam, which provides the context within which the whole scandal must be situated to be properly understood. This always was, and remains, a *derivatives* crisis.

Virtually everything that has been done in recent years in the mortgage markets, from the issuance of the original mortgages to the attempts to railroad through fraudulent foreclosures, has been designed to help create, and then protect, multi-trillions of dollars of fictitious values for the imperial speculators. Along the way, these crooks systematically broke every law that got in their way, from issuing the mortgages, to skipping legal requirements for recording sales of mortgages and promissory notes, to the illegal creation and sale of mortgage derivatives, to, finally, the fraudulent attempts to seize homes through foreclosure. The fraud is pervasive, systematic, and from top to bottom. Virtually every element of our financial system has been corrupted by derivatives.

Orchestrating it all from behind the scenes, has been the British Empire's leading financial warfare operation, the Inter-Alpha Group. The purpose of this operation is the destruction of the United States, and it has been horribly successful.

The name of the game in the mortgage-derivatives market was to move the paper as fast as possible. Fuel-

ing the derivatives machine meant creating ever-increasing volumes of mortgage debt. The process became an assembly line, with no delays tolerated. The machine demanded more and more fuel, day in and day out, and the whole mortgage-finance sector was warped to meet its demands.

Fraudulent Mortgages

The fraud started at the mortgage origination level. To meet the mortgage-debt volume demands, the originating lenders continually lowered lending standards, in some cases deliberately falsifying the documentation to make the sale.

At one of the lenders, Ameriquest Mortgage, "employees outfitted break rooms or spare cubicles with the tools they needed to create fake tax documents and other paperwork required in the loan approval process: Wite Out, X-Acto knives, Scotch tape. They dubbed these workspaces the Lab or The Art Department," according to Michael Hudson of the Center for Public Integrity. "These fraud-enabling workshops made it easy for loan officers to qualify borrowers for mortgages they couldn't afford," Hudson continued, adding, "It was simple: Paste the name of a low-earning borrower onto a photocopy of a W-2 tax form belonging to a higher-earning borrower, run the cut-and-paste version through a Xerox machine and, like magic, you had a piece of paper that made a bad loan



EIRNS/Stuart Lewis



EIRNS/Stuart Lewis



The foreclosure tsunami which has swept across the country, driving millions of Americans from their homes, is a pervasive, systemic fraud, from top to bottom, caused by the takeover of the financial system by the insatiable demands of the derivatives bubble.

prospect suddenly look better.”

The loan originators were not concerned with the quality of the mortgage loans they made, because they had no intention of keeping them. Instead, they quickly sold them to the likes of Fannie Mae, Freddie Mac, or one of the big banks, which bought mortgages, and dumped them into giant pools, against which they could issue mortgage-backed securities (MBSs). Which leads us to the second level of fraud.

Fraudulent Securities

Freddie, Fannie, the banks, and a few others specialized in creating and selling securities based on the mortgages in the pools. They did not sell the mortgages, but sold securities whose values were derived from the income streams generated by those mortgages. They were, in fact, the first level of mortgage derivatives, and formed the basis for a chain of other derivatives to be piled atop them.

Nominally, these mortgage-backed securities were backed by the mortgages in the pool, but, in reality,

the MBS market and its offshoots were a giant Ponzi scheme. To begin with, the income streams from the mortgage payments were already spoken for, as repayments of the original mortgage loans. The

only thing that really backed an MBS was the profitability of the company which issued it, which depended upon ever-rising home prices and ever-increasing volumes of home sales. If that money flow were ever interrupted, the whole edifice would collapse. As it did.

These MBSs were not sold whole, but were broken up into tranches. No matter how shaky—or fraudulent—the mortgages in the underlying pool, the MBS packagers and the ratings agencies managed to have a healthy slice of the MBS rated triple-A, meaning it could be sold to pension funds, life insurers, and other custodians of other people’s money—and huge amounts were. The MBSs also had a middle slice, the “mezzanine,” which was sold off to other buyers, many of which used them to create another layer of security, through such things as collateralized debt obligations (CDOs). These new securities would be broken into tranches, and the whole process would repeat as many times as buyers could be found.

By this method, securities were created whose ag-

gregate values far exceeded the values of the homes upon which the original mortgages had been written. Some of the profits from this scheme were poured back into mortgage origination to keep the fuel coming, and this influx of cash for new mortgages served to keep housing prices rising. For new homeowners it meant easy access to mortgage loans, but it also meant they were paying far more than they should for their new homes—something that would come back to bite them.

The ‘Paperwork’

As this giant Ponzi scheme was soaring, the players were fixated on keeping the “paper” moving, on the buying and selling, slicing and dicing, of the mortgages and the derivatives piled atop them. These securities got traded around like baseball cards, from one speculator to another, each in turn booking a ‘profit.’ The whole business was oriented to the flow, not to the details of each transaction. As a result, many legal requirements were ignored.

The precepts of real estate law have long been settled in the United States. Although each state sets its own rules, there is a basic uniformity. Real estate sales are public records, and the deeds and associated instruments such as mortgages must be filed with the relevant county recording authorities. If the required documents are not properly delivered and filed, the transaction is incomplete. For ordinary transactions, such as the purchase of a house, meeting these legal requirements was not a burden, but when you begin wheeling and dealing at the rate required to sustain a derivatives bubble, the situation changes dramatically.

In an attempt to outflank these legal requirements, Fannie Mae, Freddie Mac, the big derivatives banks, and a few others set up their own recording system, known as Mortgage Electronic Registration System, or MERS. The idea was to have MERS be the owner of record of the mortgage, and use the MERS system to keep track of all subsequent transfers. MERS now holds over 60 million mortgages.

When the foreclosures began, many were filed by MERS. But as the level of foreclosures grew, some lawyers for the homeowners being evicted began to argue that MERS lacked the legal standing to foreclose, because it did not, in fact, own the mortgage. Gradually, some of the courts began to accept that argument and deny the MERS foreclosures.

However, the problems of the recording illegalities

goes far beyond MERS, and calls into question the legal validity of the multi-trillions of dollars of derivatives piled atop the mortgages. If the original mortgages were not properly transferred to the mortgage securitizer, then the entire chain of securities which flowed from those mortgages is invalid.

Fraudulent Foreclosures

One of the basic tenets of home foreclosure law is that you have to prove you have the right to foreclose, for the foreclosure to be approved. This is where the systematic ignoring of state recording laws is coming back to haunt the derivatives markets.

To the banks, the lack of legal proof of mortgage transfers is a mere “paperwork” problem, to be resolved by either obtaining the proper paperwork or by replacing it. In many cases, that meant faking it.

This faking of documents became a booming business. The Florida Attorney General publicly accused one company, Docx, of “creating and manufacturing ‘bogus assignments’ of mortgages” to facilitate foreclosures, noting that these “documents appear to be forged, incorrectly and illegally executed, false and misleading.”

Filing such documents with a court as part of a foreclosure suit is a serious crime, and a fraud upon the court. The courts do not take kindly to such actions.

The way in which this whole operation was run makes it difficult, if not impossible, to know who actually has the legal standing to foreclose on a home when the mortgage has not been paid. In some cases, more than one bank has filed foreclosure suits against the same property, and in other cases, homes have been foreclosed on when there was no mortgage!

In the attempt to ram the foreclosures home anyway, the banks and Fannie and Freddie have often turned to “foreclosure mills,” law firms which specialize in processing large quantities of foreclosures in assembly-line form. One such firm was the law offices of David J. Stern in Florida. According to depositions taken by the Florida Attorney General from former Stern employees, an office manager at the firm would sign 1,000 foreclosure files a day, without bothering to review them; if the manager were not available, other employees would sign for her. The signatures were notarized in advance, and any missing documentation was either found or faked, prior to the signings. To keep everyone happy, and keep the scam going, according to the depositions, the Stern firm routinely paid the office manager’s personal mortgage and utilities, and provided her with a

new BMW every year. The firm did the same for another employee, and gave them and other employees jewelry.

Depositions taken by a Florida attorney representing some 3,000 homeowners revealed how the banks hired people who had no background in mortgages as “foreclosure experts,” and put them to work processing foreclosure actions. Some of these employees had no idea what they were signing, while others knew they were lying when they signed the affidavits.

The System Is the Fraud

We have presented only a summary overview of the way in which the mortgage-financing system was rife with fraud, but even a summary represents a powerful bill of indictment. The banks will argue—as they always do—that any errors were innocent mistakes made by low-level employees. The banks even go so far as to imply that they are the real victims here. And if that doesn’t work, they threaten that any attempt to punish them for their crimes will hurt the economy and the “fragile recovery.”

What nonsense! The problem, it should be clear by now, is not corruption within the system, but that the system itself is corrupt. The way the mortgage-finance

system works is indicative of the way the entire Inter-Alpha-spawned financial system operates.

The solution to this is the set of reforms known as the LaRouche Plan. The British Empire’s Inter-Alpha system must be shut down and replaced with an “American System” credit approach, coupled with strong regulation, a fixed exchange rate, a freeze on all foreclosures, and cooperation among sovereign governments. The first step, which must be done immediately if not sooner, is the passage of Glass-Steagall.

The existing system cannot be fixed. It is completely bankrupt, and beyond hope, and we would not want to save it anyway, since it was created as a vehicle to destroy the United States and the entire system of sovereign nation-states.

The hyperinflationary blowout of which Lyndon LaRouche has warned, is well underway, and the U.S. economy is disintegrating at an accelerating rate. We must act now, before it is too late. Having your home stolen is just the beginning of the horrors in store for us if we do not act. But if we do, the road to recovery is clear.

johnhoeffe@larouchepub.com

Lyndon LaRouche On Glass-Steagall and NAWAPA

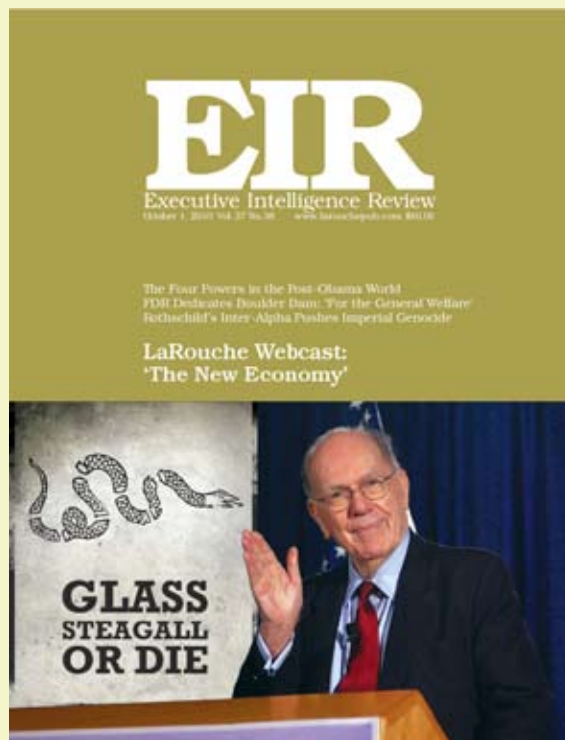
The North American
Water and Power Alliance

“The greatest project that mankind has ever undertaken on this planet, as an economic project, now stands before us, as the opportunity which can be set into motion by the United States now launching the NAWAPA project, with the preliminary step of reorganizing the banking system through Glass-Steagall, and then moving on from there.”

“Put Glass-Steagall through now, and I know how to deliver a victory to you.”

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The Choice on Nov. 2: Obama's Ouster or Ungovernability

by Jeffrey Steinberg

Oct. 26—Lyndon LaRouche today issued a stark warning, as voters prepare to go to the polls on Nov. 2. “Either we get Barack Obama out of office now, or the United States and the rest of the world will soon plunge into a state of ungovernability. Anyone who is willing to face the reality that the entire global system is coming down, and who is searching honestly for an alternative, must face the fact that Obama’s departure is the only feasible option.”

Increasingly, leading American politicians have been warning privately that they fear that the outcome of the Nov. 2 midterm elections will throw both political parties into chaos. With the White House already in a state of meltdown, a collapse of the Congressional function would be disastrous, they warn. To this, LaRouche responded: “The reality is that the entire global financial system is in a state of breakdown crisis, now. The recent pronouncements by Bernanke and Geithner, that they are prepared to launch an even more insane hyperinflationary emission, in the range of \$4 trillion, assures that we are now entering a new phase of this disintegration process. We have reached a point of discontinuity,

where any presumption, based on the previous pattern of events, is guaranteed to be dead wrong, and dangerously so. LaRouche warned that Tuesday’s election results will be “the final blow for the process up until this moment.”

He concluded: “We must now make the impeachment of President Obama—or his removal from office under the terms of Section 4 of the 25th Amendment—real. There is no solution to this crisis without the im-

mediate removal of Obama from office. If Obama remains in as President, Europe goes down, via a U.S. hyperinflationary blowout. Russia goes down, as well. And although China and India are somewhat better insulated, they cannot survive this blowout either. We must win in the United States in the immediate days ahead, or the whole world will plunge into a prolonged New Dark Age. What we see in places like Haiti and Central Africa today will overwhelm the entire planet.

The Emperor Has No Clothes

The reality of this crisis is being increasingly acknowledged, most dramatically in an ongoing series of insider revelations from the Obama White House and its immediate en-



White House/Pete Souza

It is past time for the increasingly disoriented President Obama to vacate the White House.

virons. The series of blogger “Ulsterman” revelations, based on interviews with a recently departed, anonymous White House official, has focused, in recent days, on the President’s personal psychological meltdown, a meltdown that puts the issue of the 25th Amendment squarely on the table.

In the latest Ulsterman leaks, posted Oct. 25-26, President Obama’s bizarre behavior is described, in detail, by participants in a recent National Security Council session, convened to review the state of the U.S. and NATO deployments in Afghanistan. The White House insider recounted an eyewitness report from one of the NSC participants. President Obama arrived at the session ten minutes late. He entered the room, giggling with staffers. He was clearly disconnected from the business at hand, and he abruptly got up and departed from the meeting after just ten minutes, resuming his jocular giggling.

Earlier reports from the same White House “deep throat” described the President going in and out of bouts of deep depression, disassociated from his job, and prone to frequent fits of rage directed at staffers. The President is reportedly being treated for these psychological problems. A senior U.S. intelligence source corroborated the Ulsterman reports to *EIR*, and added that, while most politicians in Washington are under some form of psychological or psychiatric care, the problem, in the case of President Obama, is that “the treatment is just not working.”

It was in response to these credible reports of the President’s deteriorating mental health that LaRouche recently called upon Vice President Joseph Biden to invoke Section 4 of the 25th Amendment, to take over the responsibilities of the Presidency, in consultation with leading members of the Cabinet, because Obama is no longer mentally fit to serve.

The 25th Amendment was ratified in the late 1960s, in direct response to the assassination of President John F. Kennedy, which forced the issue of Presidential succession, and the question of clear procedures for the removal of a President from office if he is no longer physically or mentally able to serve. On two separate occasions during the Reagan Presidency, top aides contemplated invoking Section 4, including on the day that the President was shot by would-be assassin John Hinckley. When Richard Nixon was in his final days, the invoking of Section 4 was contemplated, but Nixon chose, instead, to resign from office, rather than cause a far more profound Constitutional crisis.

The danger, in the case of Obama, is that his severe narcissistic disorder virtually rules out any voluntary

departure from office. This is precisely the situation that the authors of the 25th Amendment anticipated, in drafting Section 4, with a built-in system of checks and balances, to prevent a Constitutional coup against a sitting President, while also assuring that a President no longer able to serve can be involuntarily forced out for the good of the nation.

A Growing Drumbeat

LaRouche delivered his first public evaluation of the potential for a mental meltdown by President Obama, on April 11, 2009, following Obama’s disastrous visit to Great Britain, and the *Time* magazine revelations about the circle of behavioral economists who had been appointed to dominant positions on the Administration’s economic policy team. At that time, LaRouche called for the firing of the entire economics team, and for the President, who was already exhibiting Nero-like narcissistic behavior, to be placed under the tight control of the national security team, including Defense Secretary Robert Gates, Secretary of State Hillary Clinton, National Security Advisor Gen. James Jones, and Vice President Biden. At the time, LaRouche offered that alternative to Obama’s immediate removal from office.

That option no longer exists, as demonstrated by the President’s increasingly irrational conduct, the recent ouster of General Jones, and the looming departure of Defense Secretary Gates. Now, in LaRouche’s assessment, there is no alternative to Obama’s immediate removal from office—for his own good, and for the good of the nation.

Over the past week, LaRouche’s call for the invoking of the 25th Amendment has become the hottest topic in Washington, D.C., and in capitals around the world. His call for Obama’s removal has been picked up and reported in *Pravda*, on Fox News, the Huffington Post, Press TV, and in literally hundreds of news outlets and Internet blogs.

One result of this proliferation of coverage and debate over the President’s mental state and the urgent need for his removal from office, is that more and more individuals, inside the Obama Administration and the Democratic Party, are finding the courage to come out with their own accounts of the White House meltdown and collapse into chaos. Top Democratic Party sources are reporting that new, even more damning revelations will surface immediately after the Nov. 2 midterm elections, in which Democrats are expected to lose control over the House of Representatives and, possibly, the Senate.

Kesha Rogers Provides National Leadership

by Harley Schlanger

Oct. 24—If the midterm election in the United States Nov. 2 were merely a referendum on President Obama, as most pundits, pollsters, and bloggers obsessively insist, then the result is a foregone conclusion: The President will lose, in a landslide. An increasing number of Americans have concluded that Lyndon LaRouche is right, that Obama is a failed personality, a narcissistic Emperor Nero type, who seeks adulation from a dwindling numbers of sycophants, while pushing policies which punish the vast majority.

However, merely voting against Obama is no solution, as the U.S. economy has entered a hyperinflationary realm which threatens not only the U.S.A., but the whole world economy. Neither Republicans running for Congress, who trumpet their “anti-Obama” postures, nor the growing number of Democrats who are running away from Obama, their nominal party leader, provide a single solution to this economic crisis, which is wreaking havoc worldwide.

For that reason, there is growing national interest in a campaign in the 22nd Congressional District in Texas, where Kesha Rogers, a member of the LaRouche Youth Movement, won the Democratic Party nomination last March, and is poised to possibly win a major upset, against an incompetent Republican Congressman, the incumbent Pete Olson. Rogers won the Democratic primary by campaigning for the removal of Obama from office. This continues to be the central thrust of her campaign, as she is now leading the charge nationally, in calling for invoking the 25th Amendment of the U.S. Constitution, which provides the legal measures to be taken to replace an incompetent President, to remove Obama from the White House.

In the last week, Rogers has issued several statements, which received widespread coverage within the district and nationally. Her call for applying the 25th Amendment was featured prominently, on television and print media within the district, while includes Houston, as well as in San Antonio and Dallas, and on radio



LPAC-TV

LaRouche Democrat Kesha Rogers has drawn national attention for her campaign to oust Obama from the Presidency.

and television in Columbus, Ohio. An editorial writer for the Athens, Georgia daily paper wrote on consecutive days, about Rogers' campaign to remove Obama, going so far as to call on his readers to go to her website, and contribute to her campaign!

It is not simply Rogers' call for Obama's removal which has generated national attention, although that, in itself, is merited, as no other nominee has made the case for that. In addition to the leadership she has demonstrated on this issue, is her clear explanation as to *why* it is necessary. In a statement issued Oct. 23, she opened by pointing out that there "are solutions to the present devastating financial crisis ... but not as long as President Obama remains in the White House." She develops what could be done, if Obama were removed, but will be prevented by him as long as he remains in the White House. These are actions which would free the U.S. economy from the stranglehold by the swindling speculators of City of London financial interests, associated with the Inter-Alpha Group, which is the actual author of Obama's policies.

In particular, Rogers has made restoration of Glass-Steagall banking regulations, and massive Federal credit for infrastructure—both taken from the successful anti-Depression, anti-Wall Street programs of Franklin Roosevelt, which represent a return to the U.S. Constitution—the central features of her program. With Obama safely removed, these policies, known as the "LaRouche Plan," would be adopted, as most Americans want real solutions, and polls show they would support these policies.

In the days remaining before the election, Rogers' campaign team will continue to provide this quality of leadership, and will likely receive even more national—and international—attention.

Pursuing the ‘Common Aims of Mankind’

Beyond leading the Bay Area’s shovel-ready task of burying the political career of his opponent, House Speaker Nancy Pelosi, LaRouche Democrat Summer Shields has been waging a campaign for great projects to create mankind’s future—from the Transaqua in Africa to the North American Water and Power Alliance (NAWAPA) on this continent. The candidate for Congress in California’s 8th C.D. replied to EIR’s questions Oct. 23.

EIR: As we approach Election Day, now only a little more than a week away, it strikes me, from reviewing some of the reports from your campaign, especially since July, that not only have you elevated the political discussion, but that you must have learned a lot about the district and its people.

Shields: Yes, absolutely. Generally the view of San Francisco by many people outside the city, especially, as you head into central and eastern California, and toward Nevada, is that everyone is a hippy who doesn’t care about the future. What our campaign has found, is that San Francisco is an incredibly diverse cultural melting pot that could potentially play a defining role in world history. And, in fact, it already has a long history as a crucial outpost for cooperation between the U.S., Russian, and Asian nations.

EIR: As someone who lived in San Francisco in the 1970s, and visited the state many times since then, I find what is happening to California, mostly since that Nazi Governor has been in office, incredibly shocking and tragic. How has your campaign



LPAC video

Flanked by a variant of Benjamin Franklin’s “Don’t Tread on Me” flag, and a poster of President Obama with a Hitler moustache, California Congressional candidate Summer Shields addresses a Livermore, Calif. campaign event July 23.

addressed the collapse of the economy of what was once the “Golden State”?

Shields: Since that Son-of-a-Nazi Schwarzenegger pulled a coup in California in 2003, the state has consistently been the poster child for state bankruptcies. Of course, this coup was orchestrated by George Shultz and Lord Jacob Rothschild—not exactly friends of humanity!

My campaign has taken the lead in opposing his fascist policies of budget cuts to the most vulnerable—the sick, poor, and elderly—and has been fighting for a Federal solution with long term physical economic progress as the only possible solution.

Pelosi’s ‘Winter of Discontent’

EIR: Summer, I understand that you intend to make this the “Winter of Discontent” for your opponent Nancy Pelosi. Given her miserable level of support

among the voters, it does seem likely that she will be defeated, and that even if she is reelected, that she will lose her leadership position in the Democratic caucus. Would you say that your campaign has contributed to her fall from grace?

Shields: Oh, absolutely! Last Summer, Lyndon LaRouche put the much-deserved Hitler mustache on Obama. After Pelosi agreed to institutionalize the Simpson/Bowles fascist austerity commission [the National Commission on Fiscal Responsibility—ed.], which intends to cut Social Security and cut back on Franklin Roosevelt-style credit expansion, we gave her a Hitler mustache, too. So, we have been campaigning with both of them, side-by-side, for months now. Her constituents have become very much acquainted with the mustache.

Now they must decide if they enjoy that kind of representation or not.

EIR: Your campaign has made a special effort to reach the large numbers of Chinese- and other Asian-Americans in the district. On Oct. 16, you held a town hall meeting in Chinatown, where you have been doing extensive organizing. How did that go?

Shields: I think that the turnout for this event was a breakthrough: More than 20 guests attended from Chinatown itself, and they came with a surprisingly small amount of effort on the part of the organizers. The response was



LPACTV



A Shields for Congress campaign banner is the focal point of an Aug. 25 college campus rally in San Francisco (top). Shields in discussion with students at a San Francisco Civic Center demonstration March 4 (left). Shields conducting a news conference in San Francisco's Chinatown July 29 (below).

EIRNS



LPAC video

largely due to the fact that a candidate for Congress was making a real effort to involve them in the process with some actual ideas, something that Pelosi probably has never really done. This was made clear when the only comment at the end came from one of the several older women who attended the event: “Pelosi is no good! The Chinese community has known this for a long time!”

This event represents a real opening with the Chinese community here, and comes after months of organizing and two press conferences there. The ongoing theme that we have used in Chinatown is “*Tian Xia Wei Gong*” (the world exists to serve the people).

A Focus on Africa

EIR: Another theme of your campaign has been a commitment to reverse the imperial destruction of Africa, with great projects, like the Transaqua, and others. Please tell us more about that.

Shields: Through the campaign, I have become an important representative of the North American Water and Power Alliance (NAWAPA) on the Western front. We know that once this project is underway, several other such projects are immediate potentials, especially ones on the African continent.

As you know, I have traveled to Nigeria and Sudan with Larry Freeman as a representative of *EIR* and LaRouche. This experience has given me an on-the-ground understanding of the poverty. Although many may know about the poverty, few understand the role of British imperial control, and the potential development projects that would transform the Africans’ relationship to nature through vast inter-regional development programs. Among these are the Transaqua project, the Jonglei canal, the Shire-Zambezi waterway project, which just started in September, and what has been on the agenda since late 2009, the Port Sudan-to-Dakar transcontinental railway link.

There are other such planned projects for Africa and Basement Team member Aaron Halevy just completed an inspiring LPAC video concerning this very issue (see this week’s *Feature* for reviews of the LPAC videos on NAWAPA).

EIR: In September, you had a conference at the same location where the UN Charter, as envisioned by Franklin Roosevelt, was signed in April 1945, just after

FDR’s death. The theme of both was the “Common Aims of Mankind,” today represented by LaRouche’s Four Powers concept. How would you make this a reality, as a member of Congress?

Shields: By holding the event, the way that we did it in the location that we did, this campaign was acting as a portion of a Presidential function that is engaging in the kind of policy discussion that is urgently needed now. All human beings are created with equal creative potential, so therefore, “The Common Aims of Mankind” is an indispensable principle for a future humane relationship among nations.

I believe that this was the intention of Franklin Roosevelt who, unfortunately, died a few days before the United Nations Charter could be negotiated and signed, and who, I also believe, would have supported NAWAPA.

NAWAPA in California

EIR: California will be one of the states most affected by the implementation of NAWAPA. Tell us what role this has played in your campaign.

Shields: As I said before, this campaign has now been organized around implementing NAWAPA. This has played a major role, not just in California, but in that big desert next door to us, known as Nevada! We have seen an outpouring of support for the NAWAPA program from just about everyone who is involved with water policy in California and Nevada. Water is a very important commodity these days.

In addition, the idea, which the Basement Team has developed in recent LPAC videos, that just about nothing that occurs on Earth is a product of, or determined by, processes on Earth, is a very thought-provoking one, when it is combined with the real significance of NAWAPA.

EIR: You are one of two serious candidates in this election running write-in campaigns—the other being Lisa Murkowski in Alaska. How do you intend to overcome that hurdle?

Shields: By having lots of fun, singing a lot, and telling the truth!

EIR: Is there anything you would like to say, that we have not covered up till now?

Shields: As you said before, one way or another Pelosi is finished, and I have enjoyed playing a role in that process.

Noted Physicist Resigns from American Physical Society over Climategate Fraud

Oct. 22—A respected senior U.S. physicist, Harold Lewis, has gone public with his Oct. 6 letter of resignation to the American Physical Society (APS) president, Dr. Curtis Callan, in which Lewis pointed out that the corruption in the APS that he came across in trying to bring science to analyze the climate issue, made him realize, “it is the money, exactly what Eisenhower warned about.”

Lewis, a World War II Navy veteran, is Emeritus Professor of Physics at the University of California, Santa Barbara; former member, Defense Science Board, chairman of Technology panel; Advisory Committee on Reactor Safeguards; former member, President’s Nuclear Safety Oversight Committee; and Chairman of the APS study on Nuclear Reactor Safety, among many other responsible positions he has held.

EIR is printing his full letter, which has received negligible coverage in the major media. Paragraphing has been added.

Dear Curt:

When I first joined the American Physical Society 67 years ago it was much smaller, much gentler, and as yet uncorrupted by the money flood (a threat against which Dwight Eisenhower warned a half-century ago). Indeed, the choice of physics as a profession was then a guarantor of a life of poverty and abstinence. It was World War II that changed all that. The prospect of worldly gain drove few physicists.

As recently as 35 years ago, when I chaired the first APS study of a contentious social/scientific issue, The Reactor Safety Study, though there were zealots aplenty on the outside, there was no hint of inordinate pressure on us as physicists. We were therefore able to produce what I believe was and is an honest appraisal of the situation at that time. We were further enabled by the presence of an oversight committee consisting of Pief Panofsky, Vicki Weisskopf, and Hans Bethe, all towering



Prof. Harold Lewis

physicists beyond reproach. I was proud of what we did in a charged atmosphere. In the end, the oversight committee, in its report to the APS President, noted the complete independence in which we did the job, and predicted that the report would be attacked from both sides. What greater tribute could there be?

How different it is now. The giants no longer walk the earth, and the money flood has become the *raison d'être* of much physics research, the vital sustenance of much more, and it provides the support for untold numbers of profes-

sional jobs. For reasons that will soon become clear, my former pride at being an APS Fellow all these years has been turned into shame, and I am forced, with no pleasure at all, to offer you my resignation from the Society.

It is of course, the global warming scam, with the (literally) trillions of dollars driving it, that has corrupted so many scientists, and has carried APS before it like a rogue wave. It is the greatest and most successful pseudoscientific fraud I have seen in my long life as a physicist. Anyone who has the faintest doubt that this is so should force himself to read the ClimateGate documents, which lay it bare. (Montford’s book organizes the facts very well.) I don’t believe that any real physicist, nay scientist, can read that stuff without revulsion. I would almost make that revulsion a definition of the word scientist.

So what has the APS, as an organization, done in the face of this challenge? It has accepted the corruption as the norm, and gone along with it. For example:

1. About a year ago a few of us sent an e-mail on the subject to a fraction of the membership. APS ignored the issues, but the then-President immediately launched a hostile investigation of where we got the e-mail addresses. In its better days, APS used to encourage discussion of important issues, and indeed the Constitution cites that as its principal purpose. No more.

Everything that has been done in the last year has been designed to silence debate.

2. The appallingly tendentious APS statement on Climate Change was apparently written in a hurry by a few people over lunch, and is certainly not representative of the talents of APS members as I have long known them. So a few of us petitioned the Council to reconsider it. One of the outstanding marks of (in)distinction in the Statement was the poison word incontrovertible, which describes few items in physics, certainly not this one.

In response, APS appointed a secret committee that never met, never troubled to speak to any skeptics, yet endorsed the Statement in its entirety. (They did admit that the tone was a bit strong, but amazingly kept the poison word incontrovertible to describe the evidence, a position supported by no one.) In the end, the Council kept the original statement, word for word, but approved a far longer explanatory screed, admitting that there were uncertainties, but brushing them aside to give blanket approval to the original. The original Statement, which still stands as the APS position, also contains what I consider pompous and asinine advice to all world governments, as if the APS were master of the universe. It is not, and I am embarrassed that our leaders seem to think it is. This is not fun and games, these are serious matters involving vast fractions of our national substance, and the reputation of the Society as a scientific society is at stake.

3. In the interim the ClimateGate scandal broke into the news, and the machinations of the principal alarmists were revealed to the world. It was a fraud on a scale I have never seen, and I lack the words to describe its enormity. Effect on the APS position: none. None at all. This is not science; other forces are at work.

4. So a few of us tried to bring science into the act (that is, after all, the alleged and historic purpose of APS), and collected the necessary 200+ signatures to bring to the Council a proposal for a Topical Group (TG) on Climate Science, thinking that open discussion of the scientific issues, in the best tradition of physics, would be beneficial to all, and also a contribution to the nation. I might note that it was not easy to collect the signatures, since you denied us the use of the APS membership list. We conformed in every way with the requirements of the APS Constitution, and described in great detail what we had in mind simply to bring the subject into the open.

5. To our amazement, Constitution be damned, you

declined to accept our petition, but instead used your own control of the mailing list to run a poll on the members' interest in a TG on Climate and the Environment. You did ask the members if they would sign a petition to form a TG on your yet-to-be-defined subject, but provided no petition, and got lots of affirmative responses. (If you had asked about sex, you would have gotten more expressions of interest.) There was of course no such petition or proposal, and you have now dropped the Environment part, so the whole matter is moot. (Any lawyer will tell you that you cannot collect signatures on a vague petition, and then fill in whatever you like.) The entire purpose of this exercise was to avoid your constitutional responsibility to take our petition to the Council.

6. As of now, you have formed still another secret and stacked committee to organize your own TG, simply ignoring our lawful petition.

APS management has gamed the problem from the beginning, to suppress serious conversation about the merits of the climate change claims. Do you wonder that I have lost confidence in the organization?

I do feel the need to add one note, and this is conjecture, since it is always risky to discuss other peoples' motives. This scheming at APS HQ is so bizarre that there cannot be a simple explanation for it. Some have held that the physicists of today are not as smart as they used to be, but I don't think that is an issue. I think it is the money, exactly what Eisenhower warned about a half-century ago. There are indeed trillions of dollars involved, to say nothing of the fame and glory (and frequent trips to exotic islands) that go with being a member of the club. Your own Physics Department (of which you are chairman) would lose millions a year if the global warming bubble burst. When Penn State absolved Mike Mann of wrongdoing, and the University of East Anglia did the same for Phil Jones, they cannot have been unaware of the financial penalty for doing otherwise.

As the old saying goes, you don't have to be a weatherman to know which way the wind is blowing. Since I am no philosopher, I'm not going to explore at just which point enlightened self-interest crosses the line into corruption, but a careful reading of the ClimateGate releases makes it clear that this is not an academic question. I want no part of it, so please accept my resignation. APS no longer represents me, but I hope we are still friends.

Hal

Backlash Grows Against Obama's Foreign and Military Policies

by Edward Spannaus

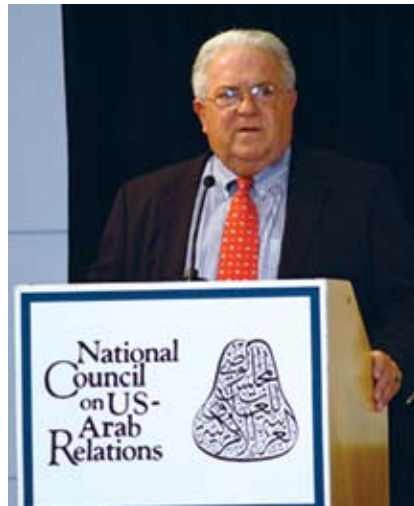
Oct. 25—As discussions intensify in Washington over the necessity of removing President Obama by utilizing the provisions of the 25th Amendment, informed intelligence sources are advising *EIR* that Obama's gross failures in foreign policy are becoming an integral part of this debate.

These concerns, brought to the surface by the firing of National Security Advisor Gen. James Jones (ret.) (see last week's *EIR*), are reflected in a number of public statements by figures who could be considered part of the institution of the Presidency within the United States. These are by no means partisan attacks; in fact, a number of such statements are coming from individuals who first emerged publicly because of their opposition to the Bush-Cheney policies in the "war on terror"—and who now acknowledge that nothing has changed under Obama.

'Long Wars' from Bush to Obama

The most comprehensive overview of the failures—and folly—of Obama's foreign policy was presented by a very senior retired Foreign Service officer, with many postings in the Middle East and Asia, Chas Freeman, who gave the keynote address to the National Council on U.S.-Arab Relations (NSUSAR), in Washington on Oct. 21, on the topic of "Failed Interventions and What They Teach."¹

In his hour-long speech and the question-and-answer period, Freeman never once made any distinction between the military and foreign policies of the Bush-



www.susris.com

Amb. Chas Freeman addresses the conference on Oct. 21: "Our current policy course is changing us for the worse without changing the Arab and Islamic worlds for the better."

Cheney Administration and the Obama Administration.

Freeman attacked the practice of "long wars" and the doctrine of counterinsurgency which fuels them. "Wars of attrition corrupt; they do not solve problems," he emphasized in response to a question. As for counterinsurgency doctrine, Freeman alluded to its British origins, noting: "It was developed to defend post-colonial governments in newly independent states modeled on those of their erstwhile colonial masters. It was never intended to emulate colonialism by building such states in traditional societies that lack and don't much want them."

A major theme of Freeman's address was the continuing militarization of U.S. foreign policy. "If you

view the world through a bombsight, everything looks like a target," Freeman pointed out, stressing that "one of the main lessons of Iraq and Afghanistan is that there are some problems for which invasion and occupation are inappropriate and ineffective responses."

At the outset, Freeman said he wanted to address three issues: "First, why militarized U.S. policies and the actions we are taking pursuant to them in the broader Middle East risk provoking terrorist retaliation against the United States and its citizens. Second, why our military and quasi-diplomatic interventions in the region have failed or are failing. And, third, how our current policy course is changing us for the worse without changing the Arab and Islamic worlds for the better."

To demonstrate that war is not a spectator sport, nor the "cakewalk" that neo-con armchair warriors make it out to be, Freeman demonstrated how casualty rates

1. Freeman's speech is posted at <http://tiny.cc/1mnvty>



PENGON/Anti-Apartheid Wall Campaign

Freeman translated the proportion of deaths of Palestinians into American demographic terms of reference: 460,000 American dead, including 95,000 children. Left: Israeli troops keep watch while a bulldozer flattens a Palestinian shop. Right: A Palestinian boy after the destruction of his home in Rafah, in the Gaza Strip, by Israeli forces.

among Israelis, Palestinians, and Iraqis would translate into a comparable impact on the United States. For example, in American terms, the number of Palestinians killed by Israeli soldiers or settlers would translate into 460,000 American dead, including 95,000 children. He urged his listeners to “think about the impact that level of physical and moral insult would have on us.”

After reviewing the shambles that U.S. intervention has left in Iraq, and the folly of the U.S. military adventure in Afghanistan, Freeman summarized by saying that “our military interventions in the greater Middle East have been both unproductive and counterproductive,” and “we have hardly tried diplomacy.” During the question period, Freeman said that it is likely that there is no possibility any longer for a two-state solution between Israel and the Palestinians, which is why the Palestinians and the Arab League are considering other alternatives.

Freeman also put great stress on the impact of our military interventions on U. S. constitutional rights and civil liberties. “Our violent interaction with the Arab and Muslim worlds is clearly changing us much more than it is changing Arabs and Muslims,” he declared. “Our obsession with homeland security is corroding our values at home while increasing enmity and disregard for us abroad. If this makes us safer in the short term, it makes us both less free and less safe in the long term.”

Freeman aptly quoted John Quincy

Adams, from his July 4, 1821 speech to the U.S. House of Representatives, to illustrate that the original American philosophy was that “we could best secure our own sovereignty and freedom by respecting the sovereignty and diverse ways of life of other nations.” He quoted Adams: “America ... has abstained from interference in the concerns of others, [even] when the conflict has been for principles to which she clings, as to the last vital drop that visits the heart. ... She is the well-wisher to the freedom and independence of all. She is the champion and vindicator only of her own. ... She might become the dictatress of the world: she would be no longer the ruler of her own spirit.”



U.S. Army/Jim Wagner

U.S. soldiers apprehend a suspected Taliban fighter in Kalata, Afghanistan. “There are some problems for which invasion and occupation are inappropriate and ineffective responses,” said Freeman.

The Donilon Fiasco

A few days prior to his U.S.-Arab Council address, Freeman had circulated a private memorandum within national security circles, triggered by Obama's appointment of political hack Tom Donilon to replace fired National Security Advisor Jones, and the anticipated appointment of Denis McDonough as Donilon's deputy.

Former CIA officer Larry Johnson (one of the founders of Veteran Intelligence Professionals for Sanity, VIPS) published parts of the Freeman memo on his own website, under the title "Heading into a National Security Nightmare."

Freeman wrote:

"...[T]here's a broader issue with the appointment of Tom Donilon, a creature of Congress whose professional formation has taken place entirely within the Washington bubble. Nothing in his background as a lawyer or aide to elected officials and political appointees hints at any skill at strategic thinking, foreign policy formulation, or diplomatic maneuver that is directed at anyone other than domestic constituencies. He gives every sign of faithfully reflecting the political risk aversion, venal deference to campaign contributors, and constipated strategic imagination of the Washington establishment. We Americans have spawned our own version of the eunuchs of old, who flourished inside the walls of the Forbidden City or Topkapi/Dolmabahçe Palace. Their counterparts now practice the arts of the courtier within the Beltway at both ends of Pennsylvania Avenue. (It is said that Afghanistan has *jirgas* to make village-level decisions and *loya jirgas* to decide things at the national level, while Washington now makes decisions in circle *jirgas*.) Donilon is exhibit A of this archetypal Washington type; his presumed successor, Denis McDonough, is exhibit B. . . .

"Note that the principal argument for Donilon and McDonough is not their competence or mastery of the subject matter of national security affairs in its diplomatic, intelligence, and military dimensions, but the trust the President has in them. To me, this underscores



John Quincy Adams, as quoted by Freeman:
"We could best secure our own sovereignty and freedom by respecting the sovereignty and diverse ways of life of other nations."

that American politics has become entirely self-referential and solipsistic. We have evolved the world's most militarily powerful autistic government. The Obama Administration is practicing non-partisanship by carrying on the foreign policy of its predecessor. Mr. Magoo is still at the helm, as I discovered he was years back. . . ."

Commenting on Freeman's memo, Larry Johnson wrote:

"Let's be clear about the purpose and mission of the National Security Council and the position of the Advisor—it is or should be the coordinating entity that ensures the President gets a full picture of threats, strategic risks and policy options. The various departments and agencies that popu-

late Washington's bureaucratic landscape are a fractious bunch. They'll fight over the color of toilet paper if given the chance. There is no single, supreme entity. When you come to a meeting of the National Security Council, the President is surrounded by the Secretary of Defense, Secretary of State, Attorney General, Director of National Intelligence, Director of the Central Intelligence Agency, and Secretary of the Treasury, just to mention a few. Each Department knows that they are the most important player in the room. Each insists that their particular interests are first and attended to.

"The best National Security Advisor in the last 60 years was Brent Scowcroft (his deputy was current Sec Def, Robert Gates). Scowcroft and Gates wrestled some tough issues, but what set them apart was their ability to coerce all of the competing bureaucracies to get their positions on paper and to provide an efficient process for ironing out differences and getting a clear Presidential decision.

"The recently retired Jim Jones was not too good at this. The failure to address Afghanistan in a timely manner was symptomatic of the chaos that has defined Obama's tenure. Donilon will not make the trains run on time. Worse, he will be focused almost entirely on the domestic political implications and will pay little attention to the longterm strategic interests of the United States."



White House/Pete Souza

Tom Donilon, whom Obama named as his new National Security Advisor, although Donilon's experience is with Capitol Hill politics, not foreign and strategic policy.



Flynt Leverett: Obama encouraged a Turkey-Brazil-Iran uranium-swap agreement, but never expected they would actually reach one; when they did, he rejected it.

Donilon's corrupt history was outlined in a recent column by veteran journalist Robert Scheer, who pointed out that Democratic operative Donilon was the chief lobbyist for Fannie Mae from 1999 to 2005, during which time, it successfully pressured Congress to gut the power of regulators to exert any control over Fannie Mae. "He was also a top executive at Fannie Mae during the period when cooking the books to increase executive compensation would later lead to a \$400 million fine. In pursuit of those profits, Fannie Mae entered into a partnership with Angelo Mozilo's shady Countrywide Financial, and together they produced the computerized CLUES and MERS credit verification and mortgage registration systems that are at the heart of the housing swindle."

Why would Obama hire Donilon for such a sensitive position as national security advisor, Scheer asks. "Because he is one of the most skilled of the Washington players, and, as this President has demonstrated so often with his key appointments, it's the top hustlers of whom he seems enamored."

Obama Lied on Iran Uranium Deal

A remarkably blunt charge—that Obama lied to another head of state—was delivered at the NCUSAR conference by Flynt Leverett, who served as senior director for Middle East Affairs at the National Security Council, and also as a Middle East analyst in the State

Department and the CIA, all between 1992 and 2003. That year, Leverett resigned because of disagreements over the Bush Administration's policies in Iraq.

In his Oct. 21 remarks, Leverett was referring to an April 2010 letter from President Obama to Brazil's President Luiz Inacio "Lula" da Silva, stating U.S. willingness to back a uranium-swap agreement to be worked out among Turkey, Brazil, and Iran, as had first been proposed by former International Atomic Energy Agency (IAEA) director Mohamed ElBaradei. But when Turkey and Brazil actually succeeded in working out such an agreement, the Obama Administration rejected it out of hand and pressed ahead for sanctions against Iran.

Leverett charged that the Administration was never prepared to accept the deal, but it had assumed that it was safe to make the offer, in the expectation that Iran would reject it. Then, the thinking was, the United States could get Turkey and Brazil, both members of the UN Security Council, to back sanctions against Iran.

But, he continued, after Turkey and Brazil had the temerity to go to Tehran and succeed in obtaining the agreement, the White House line was that the Obama letter was never really a formal statement of American policy. Leverett pointed out that he had worked at the NSC, and he knows how carefully every word of a letter from the U.S. President to another head of state is agonized over—precisely because it *will* be understood as a statement of U.S. policy.

"This was a cheap trick by the Obama Administration, that went bad," Leverett stated, "and it raises the question whether the Obama Administration is really prepared to play straight in approaching engagement with Iran."

When Leverett finished his statement, the moderator asked the stunned panelists if anyone wished to respond. After an awkward silence, the State Department's sanctions policy director, Thomas Delare, obviously angry and embarrassed, could only accuse Leverett of making an "intemperate and inflammatory" statement, but he was completely unable to refute the accuracy of Leverett's charges.

ENDGAME FOR THE SYSTEMIC CRISIS

What Recovery? Mass-Strike Process Erupts in France

by Helga Zepp-LaRouche

Oct. 23—Contrary to the propaganda put out by the media and establishment economists, the much-touted “recovery” in Germany is nowhere near the level of economic output reached before the crisis. And given the German economy’s dependency on exports, in the midst of the breakdown crisis of the world financial and economic system, it will soon prove to be little more than a temporary mini-improvement. In reality, the global system is sinking while the number of failed States grows and grows.

The situation is most dramatic in the United States, where the Obama Administration is now widely viewed as a failure, and many Congressional incumbents, both Democratic and Republican, expect to be voted out in the Nov. 2 elections. The housing market, with all its intertwined securitizations, has created overwhelming chaos in the financial sector, especially after 40 state attorneys general announced investigations into millions of fraudulent home foreclosures. Bankruptcy of the states, massive cutbacks in police and firefighters with the attendant increase in criminal activity, unemployment, and rising defense expenditures—such are the ingredients of an imminent social explosion.

The Sarkozy Presidency in France has failed just as badly. The population is resolutely rising up against the current all-out assault on its constitutionally guaranteed inalienable rights, including the right to decent and

timely retirement benefits. The fact that the Senate passed the pension reform with a vote of 177 to 153, in spite of the protests growing by the day, can only fuel the anger at Sarkozy, who is himself implicated in a number of scandals.

The “compromise” that German Chancellor Merkel and President Sarkozy hammered out at the EU summit in Caen, which would impose semi-automatic sanctions on EU member-states that do not (or cannot) comply with the Maastricht Treaty’s budget-limitation criteria, and which would eliminate the “no bailout clause” of member-states through a change in the Lisbon Treaty, underscores the crass economic incompetence of both those heads of government, and would considerably worsen living conditions in those countries. Implementation of a Brüning-style austerity policy today, in the context of a crisis which is much worse than the 1930s Great Depression, can only lead to a new catastrophe.

Evil begets evil, it is said. After the fall of the Berlin Wall, Germany was blackmailed by François Mitterrand, Margaret Thatcher, and George H.W. Bush into giving up the German mark and submitting to the dictates of the supranational EU bureaucracy, and to its anti-growth monetarist policy, which was a simple repeat of the regime imposed on Germany by the Versailles Treaty. The intention of that scheme was to have those member-states that were lagging behind,

such as Greece, Spain, Portugal, Ireland, and Italy, become caught in the same Versailles debt trap, and to have German taxpayers become the main paymasters. And until the countries of Europe break out of the monetarist straitjacket, they will continue to head for disaster.

Delusions

Given the incredible delusions, or self-delusions concerning a so-called German recovery, against the background of the catastrophic state of the international financial sector, it is instructive to recall the widespread erroneous evaluations made in the 1930s. The media played down the danger of the National Socialists and their “intellectual poverty” and “banal charlatanism.” After the losses of the Nazi Party in the Reichstag election of Nov. 6, 1932, the overall assessment was that they were merely a short-term phenomenon, and that the Nazi Party would soon fall apart because of its inner contradictions.

As late as Jan. 15, 1933 (Hitler was appointed Chancellor on Jan. 30), Chancellor Kurt von Schleicher declared, “Mr. Hitler is no longer a problem, his movement had ceased to be a political danger. The whole matter is settled and is now past history.” The Communists considered the “social-fascists in the SPD [Social Democratic Party]” to be a greater danger, while the SPD and the trade-unions themselves remained convinced, even after Hitler was named Chancellor, that the problem would disappear with the next elections.

There were very few people with the foresight to understand that Hitler would lead Germany into a catastrophe. Among those who did, were the Christian conservative Ewald von Kleist-Schmenzin and Hitler’s former putsch partner, Erich Ludendorff, who stated on Jan. 30, 1933 that President Hindenburg had turned Germany over to the biggest demagogue of all times: “I solemnly state that this man will throw our Reich into the abyss and bring unfathomable misery to our nation.”

What those who gave in to their illusions failed to see, was the fact that the Versailles system itself created the condition for not only Hitler to take power, but also Benito Mussolini in Italy, Francisco Franco in Spain, and the Vichy government of Marshal Pétain in France, and ultimately created the dynamic leading to World War II. If we, in Europe, have learned anything from history, then it would be the need to reject a monetarist

system of austerity, in which the common good and the population’s living standards are sacrificed to maintain the debt structure.

Dramatic Changes Are Possible

History is not a soap opera, with one sequel following another over decades, changing the main characters depending on the actors’ availability, so that the story carries on one way or another. In real history, dramatic events occur, which can snap the course of events in the opposite direction from one minute to the next—such as the Reichstag Fire, or 9/11, on the one hand; or the election of Franklin Roosevelt, or the bombing of Pearl Harbor on the other. It is impossible to predict such events in the future, but it should be clear to everyone that we are living at a time, and with a constellation of powers, where dramatic things like these can happen overnight.

Certain forecasts, however, are certain. If Germany does not immediately reverse its policy of rejecting nuclear energy, and continuing with the excessive buildup of wind and solar energy, and invest, at long last, in the inherently safe high-temperature reactor (for which a meltdown is physically impossible), it will cease to exist as an industrial nation with a social system that functions. And it is just as sure that the constitutional rule of law in Germany under the EU regime has a life expectancy comparable to the chances of the famous snowball in Hell.

There is only one solution for getting out of the crisis. Now that the financial newspaper *Borsenzeitung* has admitted, in a convoluted way, that the so-called Basel III regulations, raising the equity capital requirements for banks, were only implemented to prevent re-introduction of a two-tier banking system [known in the U.S. as the Glass-Steagall standard], there must be a public debate on such a two-tier system.

While we, in Europe, chose the path of monetarism, austerity, and fascism in the 1930s, Franklin Roosevelt, with the help of the Glass-Steagall Act and the New Deal, as well as great infrastructure projects, led the United States out of the Depression.

That is exactly what is needed today: a two-tier banking system, separating commercial from investment banking, and a program for rebuilding the world economy through such projects as NAWAPA (the North American Water and Power Alliance), the Bering Strait tunnel, the Eurasian Land-Bridge, Transaqua, and many more similar projects.

1995 Campaign Fraud Haunts 2012 Election

by Bertrand Buisson

This statement by the spokesman for Jacques Cheminade's 2012 Presidential campaign has been translated from French and edited for the benefit of EIR's non-French readers. Cheminade's campaign website is www.cheminade2012.fr.

In 1995, the contenders in the French Presidential election included Jacques Chirac and incumbent Prime Minister Edouard Balladur (both of the conservative RPR party), Lionel Jospin (Socialist), an assortment of extreme right- and leftwingers, and Jacques Cheminade, an associate of Lyndon LaRouche. After two election rounds and skullduggery on the scale medieval Byzantium, Chirac emerged as the winner. Balladur had promised Chirac he would not run against him, but did anyway; the current President. Nicolas Sarkozy, who was Balladur's budget minister, became his campaign manager; and despite their internecine quarrels, the French establishment joined forces to clobber Cheminade.

The next Presidential election is in Spring 2012, and Cheminade is again a candidate. Sarkozy, elected in 2007, is expected to run for a second term.

Today, the ghosts of the 1995 Presidential election campaign are rising from the crypts to shape the 2012 campaign. New revelations have emerged about fraud committed by the Balladur campaign; Sarkozy's role in them, and the coverup perpetrated by the same Constitutional Council which sabotaged Cheminade's election effort. In 1995, the Council, fronting for the Paris "elites," sentenced Cheminade to pay a draconian fine for speaking out against France's "entente cordiale" with the London-centered financial oligarchy that is now imposing even greater austerity upon the French people.

Judge Renaud Van Ruymbeke, in a ruling of Oct. 6, 2010, on "corruption, misuse of collective assets, and aggravated concealment," declared his intention to investigate the 1995 cash deposit of 10 million French francs (FF) into Balladur's campaign account, which is suspected of coming from illegal kickbacks from the 1994 Agosta military contract for French submarines to be delivered to Pakistan under then-Prime Minister Balladur. A Luxembourg police report implicates Sarkozy, stating that as Balladur's budget minister, he co-

ordinated and validated the opening of two offshore funds that were used for moving this dirty money in and out of the country. Some are now saying that Sarkozy, as Balladur's campaign manager, was also the unofficial campaign treasurer at the time of the scandalous cash deposit.



EIRNS

Jacques Cheminade

Ghosts from the Past

On Oct. 11, 1995, the Constitutional Council, which is in charge of examining the candidates' finances, validated Balladur's account, thus allowing him to be reimbursed for his campaign expenses; but rejected Cheminade's account, on no legal basis, throwing him into personal

bankruptcy. Wrongdoings around Balladur's account have been well known for years, but, on Oct. 8, 2010, the daily *Libération* revealed that after weeks of investigation during the Summer of 1995, the Council's examiners had recommended that the executive board reject Balladur's account. In their report, leaked by *Libération*, they had clearly established that Balladur's actual campaign expenses were far beyond the legal limits, and that the campaign could not show where the FF10 million cash deposit came from. Three days after *Libération's* revelation, in an investigative report prominently featuring Cheminade, the online publication *Mediapart* revealed how the Constitutional Council's president had forced examiners to modify their conclusions several times, until the Balladur account came out squeaky clean. Expenses were lowered to fit the law, and the FF10 million fraud simply disappeared.

Cheminade's 'Dissident' Candidacy

Dubbed the "surprise" candidate in 1995, Cheminade's campaign was a bad surprise for the political es-

tablishment that had been selling out France to the financial interests for 20 years.

Having resigned as a high-ranking civil servant, to lead an independent political movement, Cheminade had dared to speak loudly about the “secrets known only to the inner elites.” He denounced the “financial cancer” of speculation (derivatives, offshore drug-money laundering, and the real-estate casino) that was looting the physical economy, led by “the City of London, Wall Street, and the IMF,” with the disgusting complicity of “the French Treasury Department, the Banque de France, and of this small incestuous network comprised of financiers, public administration executives, and fawning pen-pushers.”

In 1995, the Cheminade campaign’s strategy was to mobilize the population on these fundamental issues, using the official framework of the very election in which the future of the nation is supposed to be discussed. Beyond his attacks on the financial oligarchy, Cheminade clearly put the alternative on the table, by calling for bankruptcy reorganization, establishing a credit system in the interests of the general welfare, and launching international high-tech infrastructure projects.

From the oligarchy’s perspective, his campaign and career had to be destroyed.

The Constitutional Council’s rejection of Cheminade’s campaign account was purely politically motivated, and perpetrated without any pretense to due process or equal treatment of Presidential candidates.

The Council’s indictment of Cheminade bore on FF1.7 million of receipts (one-sixth the amount of Balladur’s cash deposit); it was never brought to the attention of Cheminade during the procedure, thus denying him the right of self-defense. In the case of Balladur, the candidate and his staff were contacted repeatedly by examiners about the “irregularities,” before the Council itself performed the facelift on the account!

The Council reclassified Cheminade’s FF1.7 million in loans—one-third of his total receipts—as donations, on the grounds that the lenders had not exacted any interest for the loans. This very decision is against the law, since France’s Civil Code states that what makes a loan a loan, is the intent that it be repaid, not whether there is interest charged. The Council also claimed that these loans had been taken out after the campaign closing date—even though the Cheminade campaign possessed the contracts signed *before* that

date, which documents the Council never requested!

Political Harassment

Not only was Cheminade denied reimbursement for his expenses, unlike the other eight candidates, but a previously unheard-of campaign of harassment against him ensued, to force reimbursement of FF1 million advanced by the Interior Ministry to all official candidates. In July 1996, a bailiff was sent to Cheminade’s apartment to seize his furniture and books, and ordered several levies on his bank account between August and November 1998, when the state took statutory property rights over his apartment.

To this very day, Cheminade is threatened with eviction at any moment.

Legal proceedings continued until 2002, and in July 2006, just after Cheminade had opened a bank account for transferring funds to his 2007 campaign, this money was seized by legal order. Then, on April 16, 2010, the State sent a legal notice demanding payment of EU171,325.46!

The Paris elites did everything they could in 1995 to prevent Cheminade’s voice from being heard, even though the national media has the legal obligation to give all candidates equal access. Day after day, for two weeks, Cheminade was said to be “Saddam Hussein’s candidate,” accused of “robbing elderly women,” a dangerous “cult guru,” an “anti-Semite,” and a “racist” working for a “U.S. far-right extremist billionaire,” as cowardly journalists followed the anti-LaRouche script dictated from London.

The National Commission for Campaign Finances admitted that when it came to Cheminade, “equal treatment for the presentation of his candidacy, comments, and statements had not been respected.” The High Council of Audiovisual Media (which regulates TV and radio) stated that air time for candidates was “close to absolute equality, except for M. Cheminade,” who got only 45 minutes on national TV and radio networks, whereas other candidates got an average of 1 hour and 25 minutes.

The 1995 fraud against Cheminade is not a thing of the past, because the past always comes back to haunt evildoers. Today, everything depends on those who are ready to fight for justice and truth, to turn this tragicomedy into the opportunity to reverse the downward-spiraling crisis, and to break with the political smallness that is leading us to the darkest decades ever. The fight is not a matter for 2012: It has already begun, right before your eyes.

Prince Philip Moves To Shut Down Australia's Food Production

by Doug Mitchell, LaRouche Youth Movement, Australia

MELBOURNE, Oct. 21—Less than 12 months after the Australian people rejected a genocidal carbon-trading scheme, due to a mobilization by Lyndon LaRouche's associates Down Under, Australia now faces a new form of green genocide: the shocking, deliberate shutdown of the majority of the nation's food production in Australia's "food bowl," the Murray-Darling Basin (MDB). One of the richest agricultural production areas in the world, the MDB feeds not only much of Australia, but many millions of human beings in the rest of the world as well.

The government's Murray Darling Basin Authority (MDBA) has just announced its intention to cut an average of between 27-37% (3,000-4,000 gegaliters) of the water allocations to agriculture in the Basin, with some areas to be slashed by 45%—this, on top of massive cuts already over the past three years (including virtually mandatory "water buy-backs"). Given the extensive, complex irrigation system built up in the MDB over decades, entire towns, and even whole regions in the Basin will simply disappear, and Australia's population will collapse—which is the intention of the MDBA plan.

The ostensible (psychotic) reason for the cuts is to "restore river health"; in reality, the whole project is the result of a decades-long campaign by the Australian Conservation Foundation (ACF) to reduce the population to 5-6 million from its current level of 22 million people. HRH Prince Philip founded the ACF in 1963, as a branch of his World Wildlife Fund (WWF), personally chaired the ACF from 1971-76, and has directed its activities from off-stage ever since. The MDB shutdown project is being moved into high gear now, as part of the British Crown/City of London plot for genocide, in the context of

the present global financial/economic collapse.

The Clarence River Scheme

The Murray-Darling Basin is situated in an area which covers Queensland, New South Wales, Victoria, and South Australia—four of Australia's six states. It produces 71% of Australia's irrigated crops and feeds 61% of all Australians, along with millions elsewhere.

Figure 1
The Murray-Darling Basin



Australia's Murray-Darling Basin is its "food bowl," producing 71% of the country's irrigated crops. It is now the target of the nazi Prince Philip's Australian Conservation Foundation, a branch of his genocidal WWF.

The basin is named after two of Australia's longest rivers, the Murray and the Darling, which provide much of the water for that irrigation; the Murray River also provides drinking water for the capital city of South Australia, Adelaide.

The MDBA has begun to hold "public consultation meetings" to get "feedback" from the population on the scheduled cuts. Already, the rage from the population has provoked talk of parliamentary inquiries and sophisticated pledges to "look at the human cost" of this plan. In the real world, only throwing out the plan and adopting a NAWAPA-style approach to the continent can prevent the genocide. LaRouche's associates in the LaRouche Youth Movement (LYM) and the Citizens Electoral Council (CEC) are now intervening toward that end in the 22 MDBA-run scheduled "consultations" in towns across the Basin, which have been attended by enraged audiences of 500 up to 5,000 citizens.

Headlined by new, breakthrough LYM-produced Google Earth tours of the Clarence Scheme and other great water projects, the LYM and the CEC are proposing an entirely different approach: that the MDB, and Australia as a whole, must develop a higher platform of infrastructure, in water, rail projects, and nuclear power.

The Clarence River Scheme was developed in detail by Australia's great water specialist, the recently deceased Prof. Lance Endersbee. The Scheme will bring floodwater from the Clarence River near the town of Grafton in northern New South Wales—which water otherwise flows out to sea—and divert that into the Dumaresq, Macintyre, and Barwon Rivers, which will flow into the Darling. This water will be used for irrigation, and will be cycled into the atmosphere multiple times, as with NAWAPA, to provide more green than any greenie could wish for. Also, Australia must, and will, build a high-speed maglev rail line from Melbourne, through the Basin and on up to Darwin, where Australia's unique high-speed ships can take the crops that suffer a "tyranny of distance" (i.e., short shelf-life of fruits and vegetables), to the large and often-starving population of Asia.

LYM/CEC Intervention Shapes Debate

LYM and CEC activists have attended most of the meetings so far. Our intervention into, particularly, the



EIRNS/Doug Mitchell

At a mass meeting in Shepparton Oct. 12, LYM member Katherine Isherwood put forward the concept of the Clarence River Scheme, a NAWAPA-style proposal to divert floodwater to the Darling River.

opening three meetings, has forced a discussion about real solutions—rather than mere rage or acceptance of the MDBA plan's "inevitability," which is a typical reaction of the victim mentality of the British Empire-dominated Australian farming identity.

LYM members Katherine Isherwood and Doug Mitchell went to an MDBA "public consultation" meeting in Shepparton on Oct. 12, and arrived in time for the afternoon meeting, which was attended by 600 people. In the question period, one man characterized the consequences of the plan very well, saying that he saw a funeral procession pass through town this morning, and thought, "Geez, they've started [dying] already, and the plan hasn't even begun yet!"

Then Katherine asked about the Clarence River Scheme, "Why don't we look at taking some of the floodwater from the Clarence and send it into the Darling River?" The government bureaucrats tried to dismiss the question, saying those Schemes don't work. Katherine got a round of applause for her question, and it heightened and shaped the level of discussion afterwards, as two old men expressed support for what she said, before asking their questions.

Katherine's question sparked a round of discussion in the nation's press over the Clarence River Scheme.

- On Oct. 13, the local *Daily Examiner* newspaper in Grafton published an article headlined "Clarence di-

version not on agenda.” It quoted CEC leader Craig Isherwood, and the member of Parliament for Page (where the Clarence River flows): “Mr Isherwood has called on the government not to reduce water allocations to farmers but solve the problem of the lack of water in the Murray-Darling by diverting the Clarence. ‘The Clarence River Scheme would divert some of the enormous volume of water in the Clarence River over the Great Dividing Range and into the headwaters of the Darling River system,’ he said. Federal Member for Page Janelle Saffin said she was opposed to any diversion of the Clarence. ‘I stand by my community, not one drop goes from the Clarence,’ she said.” What she doesn’t realize is that the water is floodwater!

- Australian Broadcasting Corporation (ABC) News of Oct. 19 reported that “The Federal Parliament has been told that water from the Clarence River should not be diverted inland to ease problems in the Murray-Darling Basin. The idea drew a positive response at a meeting of irrigators in the Victorian town of Shepparton last week.” The ABC article again quotes the local MP, Janelle Saffin, who insisted in Parliament that “not a drop” will be taken from the Clarence by “water raiders.”

- Independent MP Tony Windsor (whose vote was crucial to forming a minority Australian Labor Party government, following a Federal Election on Aug. 21), who will head a parliamentary inquiry into the “human costs” of the MDBA plan, said that he welcomes suggestions such as the Clarence River Scheme to his inquiry.

The Anger of the People Grows

On Oct. 13, two meetings were held in Deniliquin, in New South Wales. At the morning meeting, 1,000 people got inside before they shut the doors. Then, the 300 outside showed how angry they were at being locked out, throwing the MBDA report into a bonfire. The afternoon meeting was attended by 500 people.



EIRNS/Doug Mitchell

Five thousand angry people showed up for a meeting in Griffith, New South Wales, to express support for the Murray-Darling farmers; the LYM distributed 4,000 flyers.

There was a spotlight on the speaker on stage, like in comedy acts: “Oh, that looks like a target,” said one person. The first question was, “You haven’t given people a chance to read the report—how do you expect this to be an accountable process?” Another man proposed building dams, by bringing water from the north, and building infrastructure. LYM member Lars Thystrup asked a question on the Clarence River Scheme, “You’re willing to spend all this money to shut down the basin, but why don’t we build the Clarence River Scheme to increase the water and develop the basin?” He got a round of applause. The panel answered by referring to their response to an earlier questioner: “Locals won’t be happy, you’re stealing their water.” Look at the lies they try to tell to demoralize people! The LYM distributed 400-500 flyers and several contacts were made in organizing afterwards.

On Oct. 14, the MDBA circus moved to Griffith, also in New South Wales. Word had spread the previous day that 5,000 people were expected. And that proved to be correct. In fact, a number of businesses stayed closed in the morning, to allow their personnel to attend the meeting, and show their support for the farmers.

The LYM members were joined by three CEC activists, one of whom had printed 5,000 color flyers, and organized some women from the Murrumbidgee Irrigation Group to help hand them out. Close to 4,000 flyers were distributed. Marquees were erected outside the main venue to accommodate the crowd, and in each



EIRNS/Doug Mitchell

Some of those attending the Griffith meeting were so angry, they burned copies of the government's Murray Darling Basin Authority report. But such misdirected rage will not solve the problem: LaRouche's associates Down Under are fighting for a real, NAWAPA-style development program for Australia.

was mounted a screen linking them into the main event. But even the marquees didn't accommodate all the crowd, which flowed into the car-park. When most people put their hands up to ask a question, they had our flyer in their hands!

From the very start, the air was almost electric with underlying rage. The audience booed and ridiculed the speakers. When Mike Taylor, the chief MDBA officer, apologized for fumbling through a slide show, one man shouted, "Yeah, well, you're doing well at fumbling everything else!"

One of the CEC supporters raised the Clarence River Scheme when he spoke to the meeting. He pointed out that in the ten years since the MDBA plan was drafted, the country has been in drought, so the people who wrote it have known nothing else. Their assumptions on the Murray-Darling system are false. Then he pointed out that building infrastructure to drought-proof the region was the solution, and explained how he used the dry period to clean out his dams and build new ones on his property, all of which are now full due to the rain. Instead of taking a regressive position on the basin, and rationing water, there needs to be more infrastructure and an increase in the volume of water. This could be done by building the Clarence River Scheme, which was designed by former Snowy engineers, in order to flow water from the coast into the Murray-Darling

system. This was very well received by the crowd.

Other angry comments from the audience:

- One man spoke of people being "on the edge of despair," and that there will be a rise in prescriptions after this meeting, and people will take their own lives: "How can you guys sleep at night?"

- "How can you make a recommendation taking water from us if you're an outsider? If you're not making a living out of the farming community, come and live here a while."

- "You've made no provision for looking after businesses if they fall over, but you've made provision for frogs and birds who go elsewhere if there's no water."

- "The whole Murray-Darling region and everyone that's going to be affected, what are they going to lose? Lives, families, jobs, businesses. We are going to take you to the biggest court case in the land ... for having idiots like you on the biggest payroll ever that we can only dream of

having one day, telling us 'we're gonna destroy your town.'" This man was very animated as he shouted and refused to use a microphone. He then went outside and started burning the report. People followed him out, and soon there was a big pile of about 200 of the reports on the fire.

Afterwards, the LYM continued to get flyers out to people as they left, telling people who already had one: "The government is trying to kill you. Join the CEC's fight to stop them." One man took a flyer and said it would photocopy it in color and give to 40 of his clients.

Real Leadership Needed To Win the Fight

The Griffith meeting became a significant marker for what potentially could happen next in this battle. Either stepping up to a higher platform on which to fight: LaRouche's NAWAPA perspective, with a real green photosynthesis process; or giving up: an escalation in farmer suicides (which already has been too high), anarchy, or assassinations, elements of how a culture destroys itself, true Classical tragedy.

So, the LYM/CEC are about to release more material to steer this fight in the right direction. We are printing 40,000 flyers to distribute at the remaining meetings, and are rushing to produce a video on the Clarence River Scheme, which will soon be available at www.cecaust.com.au

There's No Good Reason For Anti-Nuclear Hysteria

Physicist Veit Ringel demolishes the greenies' anti-nuclear arguments, and rings an alarm bell about the destruction of Germany's leadership role in high-technology development.

*The Schiller Institute held a conference in Berlin on Sept. 25, 2010, on "Rebuilding the World Economy—NAWAPA, the Bering Strait, and the Eurasian Land-Bridge." The speeches by Helga Zepp-La-Rouche, Dr. Hal Cooper, Dr. Sergei Cherkasov, and Portia Tarumbwa-Strid were covered in **EIR** numbers 39-41.*

Here we publish the presentation by Diplomphysiker¹ Veit Ringel, formerly of the Rossendorf Central Institute for Nuclear Research of the Academy of Sciences of the G.D.R. (former communist East Germany). The transcript has been slightly revised and supplemented by the author, and was translated from German.

Good evening, dear friends. First of all, I thank you for the opportunity to tell you a few thoughts that really



EIRNS/James Rea

Nuclear physicist Veit Ringel addresses the Berlin conference, holding his "pebble" from a pebble-bed nuclear reactor.

concern me. As a staff member of the former Rossendorf Central Institute for Nuclear Research² of the Academy of Sciences of the G.D.R., I worked for my entire professional life in the field of nuclear technology. I see an audience here that is willing to listen, and that also recognizes the problems that I am going to address.

Today's topic is so vast, that one wonders at first, "What can I do, as an individual?" Speaking for

myself now—and I will only talk about things that I know myself and can speak to directly—I want to point out what is completely wrong-headed in our country's current policy. . . .

At the present in Germany, as a look at the current

1. This German degree has no direct equivalent in English; it requires more education and experience than a Master's Degree, but less than a Doctorate. All footnotes are supplied by the translator.

2. The Zentralinstitut für Kernforschung was founded in 1956. In 1992, after Germany's reunification, its name was changed to the Dresden-Rossendorf Research Center (Forschungszentrum Dresden-Rossendorf), eliminating the word "nuclear." Today it is engaged in research into advanced materials, cancer, and nuclear safety.



EIRNS/James Rea

An anti-nuclear scare-mongering demonstration in Berlin, Sept. 28, 2010.

press shows, they are trying to disparage the nuclear industry in the public mind, and this is ultimately inflicting huge damage upon us.

If we do not wake up and save our “know-how”-based industrial economy, and if we do not guard against ideologically driven hysteria against modern, advanced nuclear technology, but continue to develop cutting-edge technologies in Germany that are then only put to use abroad, we will see that one day our granddaughters will be sewing T-shirts for the Chinese market. To prevent this, we need affordable energy, and therefore the continued operation of German nuclear power plants is indispensable. So, what we are doing is extremely important.

German Nuclear Technology

I want to show you something I’ve got in my pocket: This is a pebble from the Hamm-Uentrop Pebble-Bed Reactor—without uranium, but equal in size. This very special type of nuclear reactor, which unfortunately only operated for a very short time in Hamm-Uentrop, differs significantly from the other 17 currently operational pressurized-water and boiling-water reactors in Germany. In contrast to those, the nuclear fuel is not contained in large fuel elements, but rather in very small units: these 5 cm pebbles. It is this type of reactor, which was originally developed at the research centers in

Jülich and Karlsruhe in Germany, and was brought to a more technically advanced level internationally, the pebble-bed reactor, which is particularly suitable for the kind of major projects we are discussing here today. It is one possible form of nuclear-reactor technology that could solve everything that the opponents of nuclear power today are constantly complaining about.

First of all, this type of reactor is inherently safe; a meltdown is basically impossible, for physical reasons. Second, there is the question of disposing of spent fuel, which supposedly poses uncontrollable risks

for future generations. The most stupid images are publicized, according to the slogan: “Using nuclear technology is like starting up an airplane and not knowing where it is going to land.” Well, nuclear technology knows where it is going to land. Safe, permanent disposal is possible; we just have to implement the results of the studies that demonstrated the safety of permanent waste disposal sites, rather than banning them, as the “Red-Green” coalition government did.³

Germany is continuing to lose its reputation and international recognition for its former leading position in the field of nuclear research and nuclear technology. At Rossendorf, near Dresden, we also made our contribution in these areas over the past 30-40 years, with our 10 MW research reactor. Radiopharmaceutical products, among other things, were produced there for many years, and delivered weekly to the Federal Republic [West Germany]. Through our scientific and technical supervision of the G.D.R. nuclear power plants of Soviet design, we also acquired a great deal of know-how. After reunification, Germany could have continued to be at the pinnacle of the nuclear technology field worldwide. At the present time, in terms of the safety

3. The Social Democratic-Green coalition government pushed through an “exit” from nuclear power in 2000, according to which the country’s 19 nuclear plants would be phased out, and completely closed by 2020.

and effectiveness of our 17 nuclear power plants, we in Germany are still among the top 10 of the approximately 440 operational nuclear reactors in the world.

But there is reason to fear that we will not be able to hold this leadership position much longer. There are too few scientists being trained, there are too few technicians being trained, and public opinion is based on superficial knowledge, on half-truths. And half-truths are much worse than lies. Half-truths create the feeling: “Oh well, there must be something to it, there really is a risk, and we don’t want that.” And people think no more about it.

In my short interview with *Fusion*⁴ I described some of my experiences when I tried to figure out what sort of people would be against nuclear power. What kind of education do they have? On what basis do they oppose it? I came up with three groups:

The first group are those who find it fun to play cops and robbers with the police, to provoke the police and then run away, and things like that. We can dismiss them, since they are ultimately in need of psychiatric treatment.

Much more important are those in the Green movement who have real concerns. I can understand and empathize if someone says, “All this radioactivity, this strange radiation that I can neither smell nor hear nor see, for which I would need measuring instruments that I don’t have: I worry about it.” I call this an honest reason.

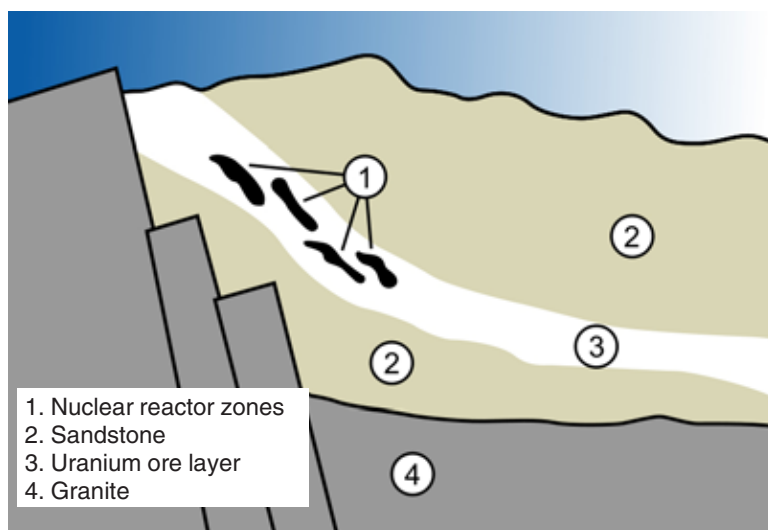
But it is particularly important that such people who are honest, be informed about what radiation really is, because all mankind, all life on Earth is influenced by ionizing radiation. Without radiation, we would never have developed as we did. There is terrestrial radiation, there is cosmic radiation, and if had a meter right now, it would be ticking away vigorously, because all rooms contain minuscule amounts of radioactivity, in the materials of which they are constructed.

A Natural Nuclear Reactor

But back to the problem of permanent disposal of spent fuel from nuclear power plants.

FIGURE 1

Natural Nuclear Fission Reactors in Gabon



Wikimedia Commons

Since we have been talking about Africa, I want to mention something else: Nature had its own “natural nuclear reactors.” This phenomenon was discovered in 1972, during uranium mining in Gabon, on the west coast of Africa. Along what is now the Oklo River, about 2 billion years ago, water-soluble uranium compounds in the soil were swept along by rainfall into so-called uranium lenses,⁵ forming local uranium concentrations that were high enough that the neutrons generated sustained nuclear fission chain reactions. With rain water as a moderator, quite natural “reactors” operated for some 500,000 years, with interruptions.

The reason I tell you this, is that this process resulted in fission products, just as they occur in every reactor—an entire spectrum of fission products, which, of course, are still there. An employee who was working there in uranium mining, measured the isotopic composition of the uranium very precisely, extremely meticulously, more than was actually required for his job. He wondered: Why is there less uranium-235 here than everywhere else around the world? Only later was it found, by long and intensive investigations, that yes, indeed, natural nuclear fission had occurred here. There are actually still some products of fission in the vicinity, but most have decayed in the meantime. There was also plutonium there.

The interesting thing was that it was now possible to

4. “Warum Tschernobyl nicht überall ist,” *Fusion* No. 1, 2010. <http://tiny.cc/3v0jc>

5. A geological term referring to one possible shape of an ore deposit squeezed between two layers of surrounding rock.

study exactly how far the fission products had naturally migrated from the spot. Did this cause great harm to nature? Is what today's Greens talk about—"For God's sake, we would have to store radioactive materials safely for thousands of years in permanent repositories, and that we cannot do!"—really such a big risk? It was shown that the natural plutonium had been moved, by natural diffusion processes, only a few meters away from the site where it had been created by the chain reaction. And this, even though the "spent fuel" was not secured in special Castor containers or put into a permanent repository!

This is yet another indication that terrible fear is being fomented for no good reason. But those who are doing it the most are precisely those who have absolutely no idea what they are talking about. Or they deliberately spread falsehoods, and I can name Jürgen Trittin⁶ or Renate Künast,⁷ as well as the chairman of the Social Democratic Party [Sigmar Gabriel]. These people are shaping public opinion and trying to stoke such fears, on matters of which they themselves are ill-informed. They have no desire to improve safety, but only to keep their own sinecures and gain votes. Scientific facts are deliberately presented in a superficial and inaccurate way, to serve the ideological agenda.

And that is a very, very bad thing.

The Question of Dosage

Let's take a look backwards. The discovery of radioactivity itself was a very interesting process; what happened in the last century was extraordinarily exciting.

The first discovery of usable ionizing radiation was by Wilhelm Röntgen, who in 1895 discovered what later became known as Röntgen rays, which he called X-rays. This posed the question: What is radiation really? In this case, it is electromagnetic radiation. Röntgen himself demonstrated within two years that they can be used for positive purposes, on the one hand, such as limiting the growth of a tumor. But on the other hand, he recognized that if he left his hand in the ray's path too long, the skin would develop redness. He reached the conclusion that further exposure of the skin to radiation would not be exactly beneficial for the

tissue. That gave rise to the very first dose limit, the so-called erythema dose.

Throughout the past century, it always came down to the concept of dose: What dose would result in what effect? Multifaceted research and investigation sought to better understand the effect of dosage in ionizing radiation. Only then could a maximum permissible dose for humans be established.

If a person is exposed to ionizing radiation, he can suffer somatic damage, above a certain dose. The unfortunate victims of the Chernobyl incident on April 26, 1986 suffered severe somatic damage. The first responders were literally sent into the fire without protection and without the knowledge of the firefighters, and they received a lethal dose. There was no way to save them.

That is the extreme case, the lethal dose. But how high is the dose of radiation that causes death, and what dose would be sure to cause no damage to health?

During the century, the limits of human tolerance for ionizing radiation were studied in more and more detail. This was mainly led by the International Commission on Radiological Protection (ICRP), which consisted of individual independent scientists, including physicians, radiation biologists, physicists, and other specialists. This expert commission published its findings regularly in the form of recommendations that the individual nations could use to set their legal limits for protection from radiation.

But at the beginning, those values were still unknown.

Madame Curie, for example, who worked with tons of uranium pitchblende under very primitive spatial configurations, discovered a new, hitherto unknown, element, which was much more radioactive than uranium itself. She gave little thought to protecting herself, being unaware of any dosage limit for protection from radiation in the chemical separation of this new element, which she called radium. As the result of [what would seem to us today to be] this recklessly high radiation exposure, Marie Curie died of leukemia.

In her honor, the unit of radioactivity was named the "curie." One curie is the amount of radioactivity of a substance that corresponds to the number of decays per second of 1 gram of radium.

The evaluation of many tragic incidents involving ionizing radiation during the past century provided the scientific basis for a more precise definition of limits in dealing with radioactive substances or ionizing ra-

6. Green party politician who as Federal Minister of the Environment, Nature Conservation and Nuclear Safety in the Red-Green coalition government, oversaw the "exit" from nuclear power.

7. Green party politician.



Marie and Pierre Curie in their laboratory. Marie Curie's discovery of radium led to her death from leukemia; she was unaware of the vital importance of the dosage of radiation to which the human body is exposed.

diation. Such findings on dose-response relationships were provided, not only by Marie Curie's leukemia, but also, for example, by accidents in the watch-making industry, where women painted the dials with radium-containing luminescent colors, and tapered the brush tips to a point with their lips. And especially for the huge number of victims of Hiroshima and Nagasaki, the individual radiation exposures and effects on health were recorded precisely and analyzed. Today there is no doubt about the effect of ionized radiation and the dose limits that have to be observed. But anxieties of any kind, when dealing with radioactivity, are completely unfounded, if you know what you're talking about.

I myself have spent my entire professional life dealing with radioactivity and ionizing radiation, and there-

fore belong to the group of people who have been exposed to radiation because of occupation.

During my studies, I was very pleased when my professor gave me a container and said: "Mr. Ringel, here you have a millicurie of cesium-137; please be careful with it—you know the drill. Be careful that none of it gets lost!" That was all. Such a thing could not happen today. I was, of course, able to use it for research, and I was proud to be able to work with it [for my diploma].

Many years later, I also looked at a piece of plutonium. No one here will ever have seen plutonium, because today you absolutely cannot get access to it. Plutonium looks like aluminum—i.e., not particularly interesting. It was sealed in a glass vial. I just wanted to see it. That was still possible at that time, if you observed the necessary safety precautions. Today, plutonium is one of the best secured and protected materials there is, and is subject to strict international controls.

But now let's ask: What are the causes of the public's many unwarranted fears? One cause dates back to the very redefinition of the unit of radioactivity.

The Difference Between 1 Curie and 1 Becquerel

As you know, the federal Physical-Technical Institution [Physikalisch-Technische Bundesanstalt] is tasked with keeping all units of physical measurement in the country standardized, such as the meter for length, the kilogram for mass, and the second for time. Officials at the Bureau of Standards ensure that any butcher can weigh meat in grams with the same accuracy. An international agreement was reached in Paris on a unit for radioactivity. Instead of the relatively artificially set unit of 1 curie for the radioactivity of 1 gram of radium, a new unit, the becquerel, was introduced, meaning 1 decay per second. But this led, in practice, to a new feeling about the activity in question, because 1 curie of radium has 3.7×10^{10} decays per second: 10^{10} , that's 1 with 10 zeros. What seemed to be not very much activity when you dealt with one 1,000th of a curie, which is a millicurie, was suddenly redefined as 37 million becquerels (which sounds quite large). With the reference-point for radioactivity now being each individual decay of a radioactive substance, the very large becquerel values often caused doubts or fears about dealing with these substances.



www.fzd.de

Nuclear safety research at the Dresden-Rossendorf Research Center: the Transient Two-Phase-Flow Test Facility. This is the center that Veit Ringel worked at for many years.

This was important for people who had nothing directly to do with these issues, but who nevertheless played a role. But if one *does* know what amount of radiation one is dealing with, and handles it competently, there is no problem.

At our Nuclear Research Center, the 10 MW research reactor used radiation to generate, among other things, radionuclides, which were then further processed into radiopharmaceutical products. In doing so, highly radioactive substances had to be handled, such as would never be encountered, for example, in a nuclear power plant, where the radioactivity is safely embedded in the fuel elements. But we, for example, had to completely chemically dissolve individual fuel elements in order to obtain the radioactive products of fission required for our medical products. Such work required, of course, a very high level of technical safety for radiation protection, professional competence, and personal dependability on the part of the employees. These processes functioned for many years, and apart from some minor problems, there were never any serious incidents or accidents.

What I want to say is, that one can deal quite normally with such large quantities of radioactive material, confidently and without fear. And these are activities with which the ordinary citizen will never have to deal. Fears are often based on ignorance. To generate or to

stir up fears, and even use them for political purposes, is irresponsible and dangerous.

Radioactive Half-Lives

Now I return to the nuclear power plants, and the concerns that people have. I showed you this pebble and said, this shows there is basically no longer any permanent waste disposal problem, because the pebble contains such a relatively small amount of nuclear material, compared to the entire pebble-bed reactor, and so there is, of course, also relatively very little radioactivity requiring permanent disposal in a pebble like this.

The radioactivity of this pebble is based on the fission products that are created by fission of uranium, and it is reduced as this whole spectrum of fission products decays. Each individual fission product decays according to its own half-life. You may know this for individual radioactive substances: Cobalt-60 (still sometimes known as the “cobalt bomb” irradiation device for tumors), for example, has a half-life of 5.2 years; iodine-131 (used mainly for diagnostics of the thyroid gland) has a half life of about 8 days. One half-life means that the radioactivity of the particular radionuclide has decreased to half, and after two half-lives, to one quarter. After seven half-lives, 1% of the initial radioactivity is still present, and after ten half-lives, 1 per thousand—i.e., for iodine-131, I would have to wait 56 days, and for cobalt-60, approximately 36.4 years, for the radioactivity to be reduced to 0.01% of the initial value.

Considering now the different radiation energies that are emitted by the various fission products, we can calculate how long we have to wait until the radioactivity of the pebbles has declined to the point that they can be handled. Since the uranium content is relatively low in a pebble from the pebble-bed reactor, in comparison to the fuel elements in power plant reactors of a different design, after 200 years, the radiation level in a single pebble will have subsided so much that it can again be held in one’s hand. So much for the hysteria



The aftermath of the 1986 Chernobyl accident, showing damage to the main reactor hall and the turbine building. This type of plant was never intended for electric power generation.

about the supposedly uncontrollable risks of permanent disposal!

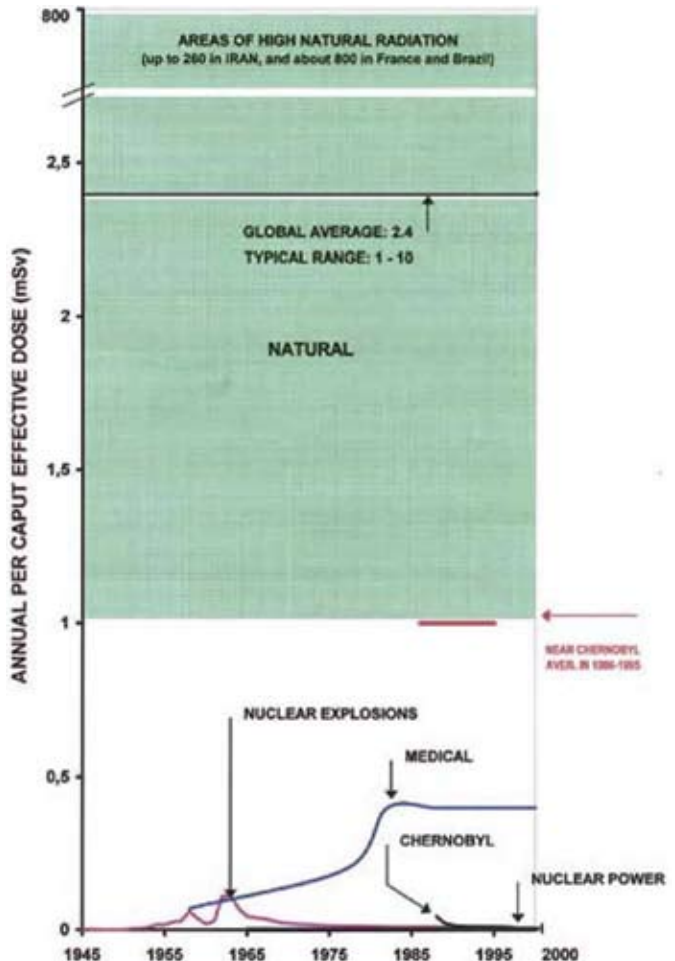
Handling of Radioactivity

One more word about the fear of radioactive substances. The use of radionuclides in medicine is often very beneficial and necessary, provided that non-radiation methods are not possible. For example, our research institute produced iodine-131 capsules, which were used for the diagnosis of thyroid dysfunction. The amount that the patient takes is relatively small and can be swallowed safely. I myself took it, by the way, at my own request. I will tell you briefly why. (The Greens always responded to this with disbelief and horror.)

The reason for doing so was the reactor accident at Chernobyl on April 26, 1986. The next day, a colleague of mine, whose job was radiation monitoring at our research reactor, had detected small traces of iodine-131 in the air of the reactor building. Since he did not know

FIGURE 2

Worldwide Radiation Doses Compared with Chernobyl



Source: Graph based on UNSCEAR studies. Zbigniew Jaworowski, M.D., Ph.D., D.Sc., "Observations on Chernobyl After 25 Years of Radiophotobia," *21st Century Science & Technology*, Summer 2010, <http://tiny.cc/0ptjo>

where this contamination came from, and our media reported nothing about the accident on the first day, he searched in vain for the cause. Only on the following day did it become clear that we were having fallout and rainout throughout Germany, as a result of the accident. As a research institution that was well equipped for doing such measurements, we were commissioned by the authorities to investigate and document what degree of contamination there was in the Dresden area. How did it look? There was contamination on the surface—slight, but measurable.

Now, man's thyroid gland is the best collector of iodine. It can be taken in through inhalation (from the

air) as well as through ingestion (by eating). So if I eat green salad that was not washed very well, I'll take it in, which was exactly what I wanted. So I said to my wife: "Buy green salad!" People who heard this said to my wife: "My dear woman, don't you know...?" "Yes, that's exactly what my husband wants to eat!"

I wanted to find out how much iodine-131 I had really ingested. And indeed, some was found in my thyroid, but probably I had just inhaled it. With our extremely sensitive measurement techniques, we could take a curve and say: "Yes, at the beginning it was such-and-such an amount." But we could not determine it exactly in this case, because the amount of radioactive iodine decreases not only with its physical half-life, but also with its biological half-life. Every substance is biologically excreted in the natural way, and the combination of physical and biological half-lives defines how quickly it disappears from the body. Because every thyroid gland acts slightly differently, it was hardly possible to recalculate the radioactivity that had actually been ingested.

So then I said, "No problem, we will do it all again, but this time in a very targeted way." Since we ourselves produced iodine-131, I drank a glass of water containing a very small sample of it, so that we would know exactly how much additional radioactivity there was in my thyroid. So, the measurements were done a second time.

There is simply no problem, if you know what dose of radioactivity was absorbed. This of course is not something people are allowed to do who are not experts—no question about it—but the licensing authorities said: "Yes, do it, that's good, it will give you better values for the analysis of the whole G.D.R."

By the way, since I mentioned the Chernobyl accident, I'll comment on it briefly. Unfortunately I don't have the time to go into the causes and errors that led to the accident, but there are plenty of detailed reports, which anyone can examine.

This particular type of reactor, a so-called RBMK,⁸ or graphite-moderated pressure tube reactor, was not primarily developed for power generation at all, but because of its ability to refuel during operation, it was used mainly for the extraction of plutonium bred for Soviet weapons production. This "advantage" came at the price of very unstable reactor performance, which

ultimately contributed to the accident. It goes without saying that there are no such reactors in Germany!

We Need Reprocessing!

One more comment on the situation in Germany. I believe that we will recognize, sooner or later, that renewable energy sources will never gain a real competitive edge, because of production costs. I have no objection to their development and use. They are important and a necessary part of the energy mix, but only where special conditions require them. There are circumstances in which they are the only option. But we will not solve the energy problem with them, contrary to all the propaganda and politically motivated public opinion. As long as the big breakthrough to fusion energy has not been achieved, the peaceful use of nuclear fission energy worldwide is essential, unless people are willing to accept a gradual decline in living standards because of constantly rising energy costs in the construction of huge North-South power lines, e.g., for offshore wind power. A prosperous industry, however, needs the cheapest possible electricity.

Many other countries have recognized this and are thinking about how the fuel elements that are going to be brought to the permanent repositories could be reclaimed at a later time (perhaps after 20 or 30 years, or even much longer), and meanwhile used in reprocessing.

In Germany, we co-developed the technology to separate the still-existing and mostly unused nuclear fuel from the radioactive fission products, and this effort achieved technical maturity. The failure to utilize this material is ultimately an irresponsible waste of resources. The Karlsruhe reprocessing facility was the way to go, but it was not chosen.

Similarly, the technology was made available in Hanau that would make it possible to redeploy recovered uranium, perhaps along with plutonium, in mixed-oxide fuel rods (MOX). That also seems to have become politically undesirable in Germany. But this technology offers an incalculably huge advantage, that of allowing the gradual worldwide conversion of the huge quantities of plutonium in nuclear arsenals, for power generation. Considering that these weapons have an "overkill factor," such that they could kill the entire world population several hundred times over, it seems to me that Germany's abandonment of the idea of working with such projects is simply unbelievable!

The application of many beneficial inventions has

8. The Russian-made High-Power Channel-Type Reactor, the type that was at Chernobyl.

been abandoned in our country, the country that developed them. The list of examples is large. Let's think back to the pebble-bed reactor that we discussed at the outset: The technology comes from Germany, but it is others who will use it. The high-temperature reactor offers the possibility of providing process heat for the chemical industry; for example, it could be used to liquefy coal, producing gasoline or plastics, which would certainly be much better than burning coal. This type of reactor could also be used in Africa to solve the problems there which we have been discussing. I am thinking, for example, of seawater desalination for areas with water shortages.

Specifically in the nuclear field, high technology was developed in Germany that was never used in our own country. We can also think of the fast-breeder reactor, which could definitely be permitted in a resource-poor country. Developed in Karlsruhe, built in Kalkar. The technology was discarded, as many others have been. Hundreds of billions went down the drain. It is really unimaginable.

And we even shrink from using conventional technologies in our own country. Think of the Transrapid. I was lucky enough to see it in operation in Shanghai. It was advertised in the airport that the travel time from the airport to the city center is given to the exact second. In Germany, nothing like that is feasible.

What's going on in Germany? It often seems impossible to persuade the masses. But over longer periods of time, this is easily conceivable. Sometimes it takes a legislative session, sometimes it takes a little longer. Today's youth provide an example: They can no longer imagine that a very large majority of Germans once cheered for Hitler, although all they had to do was look in his book *Mein Kampf*, to find out what sort of a person he was. So the hope is not unfounded, that we will once again reach a paradigm shift, in terms of science-based, pro-technology environmental awareness. As I said, it



The fast-breeder reactor in Kalkar, Germany, was closed down in 1991 and turned into an amusement park. Its cooling tower is now a "climbing wall." Without reprocessing of nuclear fuel, Germany faces a cold, dark future.

is often a matter of lack of knowledge of mathematics and natural sciences; but often it is political-ideological power struggles that play the decisive role.

Let's listen to what Greenpeace founder Patrick Moore said in an interview.

He was asked, "Mr. Moore, why did you leave the Greenpeace organization in 1986?"

The answer: "The environmental movement is not always guided by science. At first, many of the causes we [at Greenpeace] championed, such as opposition to nuclear testing and protection of whales, stemmed from our scientific knowledge of nuclear physics and marine biology. But after six years as one of five directors of Greenpeace International, I observed that none of my fellow directors had any formal science education. They were either political activists or environmental entrepreneurs. Ultimately, a trend toward abandoning scientific objectivity in favor of political agendas forced me to leave Greenpeace in 1986."

"They are simply against something, without having really examined it scientifically and objectively. I just didn't want to be a part of that any longer."

I think that Patrick Moore has expressed what I also wanted to say. We must all draw the appropriate conclusions together.

Thank you for your attention.

Lessons from the Chile Rescue

There are two immediate lessons to be drawn from the spectacular rescue Oct. 13, of 33 Chilean miners, who were trapped for 69 days in a collapsed mine in the Atacama desert. The first is its testament to the ability of NAWAPA-style technology, combined with a human view of the value of life, to perform what most would consider a miracle. The second is the fact that toleration of the Obama Administration, will mean the elimination of precisely all of the wonderful capabilities which allowed these lives to be saved.

A wide array of nations mobilized and collaborated in order to figure out how the miners could be sustained, and saved. As one Chilean told a La-Rouche representative, this international effort expressed “the highest degree of love for our fellow man, and this is the best message of love we can send to the world.” This is the spirit of cooperation which the nations of the world so desperately need to be applied to the “common aims of mankind,” which include joint projects ranging all the way up to the colonization of space.

Under the coordination of the Chilean authorities, contributions were made by Americans, Germans, Chinese, and Argentinians, among others. Some of the world’s leading engineering firms worked non-stop to come up with the most advanced equipment, and to speed up the rescue effort, which was originally expected to take until Christmas.

Crucial to ensuring the success of this mobilization was the role of NASA, which immediately jumped in to help with two aspects of the crisis: First, once the miners were found to be alive, to devise means by which they could be fed, and otherwise provided for, including psychologically; and second, to devise the special capsule which would bring the miners, one by one, to the surface.

Yet, the vital role of NASA has to remind us of the second lesson this rescue teaches: the fact that the current ruling policy of the Obama Administration, and those forces in Europe linked to the British Empire, calls for the *elimination* of this life-saving capability. Indeed, it could be asserted that if President Obama had been President a few years earlier, the NASA capability which contributed so vitally to the rescue, might well not have existed—and the miners would be dead.

We have to face the fact that, in the Obama Administration, and other British puppet regimes, we are confronted with nothing less than a fascist ideology, one that sees human life as something to be weighed in dollars and cents, and dispensable if it conflicts with the interests of the bankers. Obama himself, with his T-4 death-care plan, and economic policies of creative destruction, does not embrace the value of the individual human life, nor the need to invest in the future aspirations of mankind, as the space program represents. That is why, like the British puppet he is, he is dead set on eliminating the manned spaceflight program of the United States—the very capability which allowed NASA to make its vital contributions.

The problem, of course, is broader. For, as La-Rouche has emphasized, Obama is not only standing in the way of great projects for mankind, but also, of the very survival of the United States, and of civilization itself. Obama will not allow the Glass-Steagall principle to be reapplied to banking, because the British demand hyperinflation and austerity instead. And those policies will, in the very short term, destroy man’s achievements for generations to come.

The first essential followup to the Chilean rescue, is to oust Obama—now!

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