

LaRouche: Putin Right To Protect Russia's Food Supply Long-Term Planning for a Post-War Afghanistan Abolish Pelosi's Racist OCE Hit Squad—Now!

NAWAPA, from the Standpoint Of Biospheric Development



Keep Up with 21st CENTURY SCIENCE & TECHNOLOGY

Featured in the Spring 2010 issue





 Kesha Rogers's Victory Signals Rebirth of A Mars Colonization Policy!

by Sky Shields

What will continuous 1-g acceleration of manned spacecraft to Mars tell us of the hidden link of life on Earth to the broader cosmos?

 Towards a New Periodic Table of Cosmic Radiation

by Peter Martinson

True knowledge comes from the human mind, not sense perceptions, and it is this creative process that will lead us to an understanding of cosmic radiation and life processes.

 ONWARD TO MARS: The Triumph of the Weak Forces

by Oyang Teng

Meeting the challenges of a manned Moon-Mars mission will open the entire electronmagnetic spectrum for human use, redefining cognitive science for the next century.







Other Highlights

IN MEMORIAM: Edwin E. Kintner (1920-2010)

A Champion of Fusion and Fission by Stephen O. Dean

 The Overpopulation Fear Behind The Ban on DDT

> by Donald Roberts and Richard Tren Excerpts from their new book, *The Excellent Powder: DDT's Political and Scientific History.*

From Winter 2009-2010

- The True History of the U.S. Fusion Program—And Who Tried to Kill It by Marsha Freeman
- Radioisotopes: The Medical Lifesavers That Congress Is Suppressing

by Christine Craig

Subscribe! Electronic subscriptions are

\$25 for 6 issues, \$48 for 12 issues

Single electronic copy is \$5.

Available at www.21stcenturysciencetech.com or send check/money order to

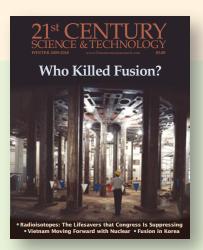
21st Century

P.O. Box 16285, Washington, D.C. 20041

■ IN MEMORIAM: Lance Endersbee (1925-2009)

Humanity Loses a Champion by Robert Barwick

- Fusion in Korea: Energy for the Next Generation Interview with Dr. Gyung-Su Lee
- Vietnam Is Ready to Go Nuclear! Interview with Tran Huu Phat



Founder and Contributing Editor: Lyndon H. LaRouche, Jr. Editorial Board: Lyndon H. LaRouche, Jr., Antony Papert, Gerald Rose, Dennis Small, Edward Spannaus, Nancy Spannaus, Jeffrey Steinberg, William Wertz Editor: Nancy Spannaus

Managing Editors: Bonnie James, Susan Welsh Science Editor: Marjorie Mazel Hecht Technology Editor: Marsha Freeman Book Editor: Katherine Notley Graphics Editor: Alan Yue Photo Editor: Stuart Lewis

Photo Editor: Stuart Lewis
Circulation Manager: Stanley Ezrol

INTELLIGENCE DIRECTORS

Counterintelligence: Jeffrey Steinberg, Michele Steinberg

Economics: John Hoefle, Marcia Merry Baker, Paul Gallagher

History: Anton Chaitkin Ibero-America: Dennis Small Law: Edward Spannaus

Russia and Eastern Europe: Rachel Douglas

United States: Debra Freeman

INTERNATIONAL BUREAUS

Bogotá: Javier Almario
Berlin: Rainer Apel
Copenhagen: Tom Gillesberg
Houston: Harley Schlanger
Lima: Sara Madueño
Melbourne: Robert Barwick
Mexico City: Rubén Cota Meza
New Delhi: Ramtanu Maitra
Paris: Christine Bierre
Stockholm: Hussein Askary
United Nations, N.Y.C.: Leni Rub

United Nations, N.Y.C.: Leni Rubinstein Washington, D.C.: William Jones

Wiesbaden: Göran Haglund

ON THE WEB

e-mail: eirns@larouchepub.com www.larouchepub.com www.larouchepub.com/eiw Webmaster: John Sigerson Assistant Webmaster: George Hollis Editor, Arabic-language edition: Hussein Askary

EIR (ISSN 0273-6314) is published weekly (50 issues), by EIR News Service, Inc., 729 15th St. N.W., Washington, D.C. 20005. (703) 777-9451

European Headquarters: E.I.R. GmbH, Postfach 1611, D-65006 Wiesbaden, Germany; Bahnstrasse 9a, D-65205, Wiesbaden, Germany Tel: 49-611-73650 Homepage: http://www.eirna.come-mail: eirna@eirna.com

Montreal, Canada: 514-855-1699

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

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

Copyright: ©2010 EIR News Service. All rights reserved. Reproduction in whole or in part without permission strictly prohibited.

Canada Post Publication Sales Agreement #40683579

Postmaster: Send all address changes to *EIR*, P.O. Box 17390, Washington, D.C. 20041-0390.



From the Managing Editor

Almost exactly 500 years ago, in the first decade of the 16th Century, two leading Florentines, Leonardo da Vinci and Niccolò Machiavelli, both working in the court of Cesare Borgia, devised a plan to alter the course of the Arno River. Diverting the river would not only provide their patron with the military advantage he coveted, but would also give the landlocked city an outlet to the sea, and help limit flood damage to the surrounding farmlands. However, the great project was never carried out, and both men went on to pursue other interests.

Centuries later, in the 1960s, the Parsons engineering company of California proposed a similar project, but on a vastly greater scale: the North American Water and Power Alliance (NAWAPA), which would divert some of the run-off flowing northward into the Arctic, and send it southward through western Canada, the United States, and into northern Mexico, providing water for irrigation, power, and more, in the greatest reshaping of the Biosphere since President Franklin Roosevelt's TVA. Up till now, the project has sat on the shelf, gathering dust. But that is all about to change.

In this week's *Feature*, a team of Lyndon LaRouche's young collaborators from the "Basement" provides a totally new concept of infrastructure, in "NAWAPA, from the Standpoint of Biospheric Development." They write: "When man 'builds infrastructure,' he is not simply placing some object called infrastructure into an empty box. He is actually reorganizing the physical space-time of the Biosphere, as a system, by transforming and redirecting the biogenic flows through the Biosphere, allowing it to attain higher and higher levels of energy flux density." How can we ensure that we will not fail to see NAWAPA realized, this time?

This is answered by an LPAC-TV discussion, led by LaRouche, which makes clear that the necessary preconditions for achieving NAWAPA, are: firing Obama; and adopting a Glass-Steagall reform. And, as LaRouche has insisted, this must happen *now!* Before the point of no return arrives, likely by October, even before the November elections.

Other highlights: What's behind the Russian decision to curtail grain exports (*Economics*); the racist attacks on African-American Congressmen Rangel and Waters, and their determination to fight back (*National*); and shaping a post-war Afghanistan (*International*).

Fonnie Jame

EXERCIPITE Contents



TVA of the 21st Century.

> 4 NAWAPA, from the Standpoint of **Biospheric Development**

A report by LaRouche "Basement Team" members Sky Shields, Oyang Teng, Michelle Lerner, Cody Jones, and Ben Deniston. V.I. Vernadsky identified the "biogenic migration of atoms" as the continuous flow of matter through the Biosphere as the result of living processes, creating higher and higher levels of organization in the secreted fossil materials. "Ultimately," the authors write, "the survival of the human species will depend on man's ability to not only organize these flows and increase their efficiency, but also, to create, from scratch, the environment of biogenic flows which he requires in order to live outside of Earth's atmosphere, and to colonize our Solar System and beyond." The North American Water and Power Alliance (NAWAPA) will be the first of many projects in this direction.

13 To Rescue the Planet: Dump Obama! Revive Glass-Steagall! Build NAWAPA!

Lyndon LaRouche joins John Hoefle and Nancy Spannaus for the online LaRouche PAC Weekly Report.

Economics

26 LaRouche: Putin Is **Right To Protect Russia's** Food Supply

Lyndon LaRouche noted that the current problem leading to the reduction of the Russian wheat crop, largely by drought, could have been avoided, if the British, starting with the Margaret Thatcher regime, had not imposed such destructive policies on Russia, in the wake of the collapse of the Soviet Union.

National

30 Abolish Pelosi's Racist OCE Hit-Squad—Now!

A majority of House members actually voted down the legislation creating the unconstitutional Office of Congressional Ethics, before House Speaker Nancy Pelosi violated her own rules, in order to ram it through. Here is the sordid, untold story of how it happened.

34 Rangel, Waters Vow To Fight Witchhunt

Not surprisingly, it was Lyndon LaRouche who stepped forward to rally support for the embattled Congressmen.

37 LaRouche Youth Movement Congressional Campaigns Drive for NAWAPA Now!

The campaigns of Rachel Brown (in Massachusetts, against Barney Frank), Kesha Rogers (in Texas), and Summer Shields (in California, against Nancy Pelosi) are moving into high gear, well before the traditional Labor Day campaign take-off.

40 Obama Sabotage Defeated: Congress Defends U.S. Space Exploration

International

42 Long-Term Planning for a Post-War Afghanistan

Washington should commit itself to two objectives: driving the international opium traffickers and their patrons out of Afghanistan, and building the foundation for Afghanistan's almost non-existent mining and manufacturing sectors, in tandem with its dilapidated agricultural sector. But Obama's running hard in the opposite direction.

Editorial

48 Time for a Memorable Celebration

Fig. Feature

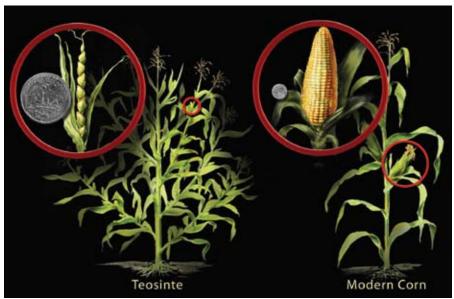
NAWAPA, from The Standpoint of Biospheric Development

by Sky Shields, Oyang Teng, Michelle Lerner, Cody Jones, and Ben Deniston

The current crisis is not a financial one, or even a physical one, in the simplest sense. We are not facing a lack of finances, or a lack of resources. We are facing a crisis of human culture, of which the current U.S. President and his predecessor are merely exemplary. It is time that we analyzed more deeply the roots of the erroneous thinking which have led us into this current disaster, in order that we might avert it in the only way possible: by turning our sights once again towards humanity's future, and returning to the cultural-philosophical roots of a true science of physical economy.

When man "builds infrastructure," he is not simply placing some object called infrastructure into an empty box. He is actually reorganizing the physical space-time of the Biosphere, as a system, by transforming and redirecting the biogenic flows through the Biosphere, allowing it to attain higher and higher levels of energy flux density. The simplest example of this, is the introduction of farming and animal husbandry: The apples, corn, and livestock of today are far different, and far more efficient, in terms of energy density, than their wild counterparts which reflect the state in which man first encountered them.

Photosynthesis, which converts the diffuse energy of incident sunlight into the concentrated form of chemical bonds, creates both the difficult-to-digest cellulose of plant stems, as well as the easily accessible energy stores of carbohydrates and other organic molecules. This process is a part of what Russian-Ukrainian biogeochemist V.I. Vernadsky called the biogenic migration of atoms—the continuous flow of matter through the Biosphere as the result of living processes, creating higher and higher levels of organization in the secreted fossil materials. Man's action on apples, corn, and livestock, for example, increases the ratio of usable carbohydrates, lipids,



National Science Foundation/Nicolle Rager Fuller

Teosinte represents the state of corn at the time man first encountered it in the wild. Only a very small portion of the bushy plant contained the nutrients and digestible material that make corn the staple it is today. The highly nutritious, and energy-efficient food that we now call corn is entirely a creation of early man's projects in biological engineering and, like the similarly human-engineered modern cow, will not survive outside of human care.

and proteins to the expensive (in terms of energy), but relatively useless (for consumption) cellulose of the plant's structural components.

Ultimately, the survival of the human species will depend on man's ability to not only organize these flows and increase their efficiency, but also, to create, from scratch, the environment of biogenic flows which he requires in order to live outside of Earth's atmosphere, and to colonize our Solar System and beyond.

The North American Water and Power Alliance (NAWAPA)¹ program will be among the first of man's projects to willfully redirect those larger processes determining the further evolution of the Biosphere, as a whole, serving as the reference point for such challenges as establishing permanent settlements on other planets, such as Mars. Again, this will be achieved through further understanding and redirecting these biogenic flows, but now, on a much grander and more fundamental scale.

This biogenic migration of atoms is more than a mere flow of material "within" the Biosphere. It

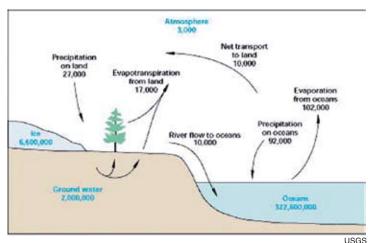
constitutes the very structure of the Biosphere, and governs the nature of Earth's interaction with phenomena outside of the Earth's atmosphere, such as solar and cosmic radiation.

The Creation of Earth's Atmosphere

To take a useful example: The creation of Earth's oxygen atmosphere by life not only caused a massive change in species on the face of the planet—rendering the vast majority of then-existing life forms extinct, while paving the way for more complex, oxygen-breathing life forms—it also changed the Biosphere's interaction with the Sun's electromagnetic radiation (specifically in the "ultraviolet wave range"), creating a higher degree of structure

within the Biosphere—the ozone layer—which, in turn, further moderates which frequencies of electromagnetic radiation would be allowed to enter Earth's developing Biosphere to affect planetary evolution.

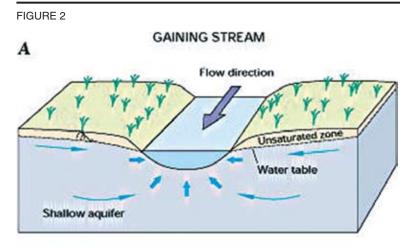
FIGURE 1

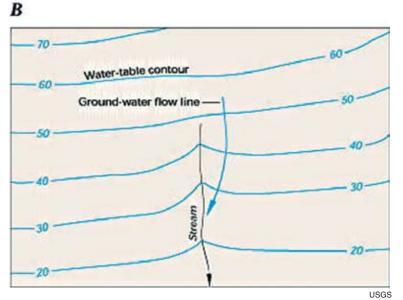


Fluxes are in cubic miles per year.

The idea of the so-called "water cycle" is a useful abstraction, showing (in very low resolution) the general flow of water between ocean and land. In reality, this cycle contains numerous sub-cycles, and is inextricably connected with other "cycles" of carbon, nitrogen, etc. Together, the complex system forms what V. I. Vernadsky called the "biogenic migration of atoms."

^{1.} See "The Tennessee Valley Authority of the 21st Century," by The LPAC Basement Team, *EIR*, Aug. 6, 2010.





Surface water and ground water are not two distinct phenomena. Rather, they form a single, complex flow of water and associated minerals, characterized by abrupt discontinuities which delineate sharp changes in flow intensity and direction. **A.** A flowing body of water, gaining volume all along its length from a connected aquifer. **B.** The gradient associated with an aquifer's flow lines, compared to the direction of the flowing surface water, shows whether the stream is replenishing the aquifer or vice versa.

This biogenic migration of atoms also caused the development of the ionosphere, the highly energetic zone which, by its interaction with the solar wind and Earth's magnetic field, is responsible for the creation of the aurorae, and which can at times act as a massive particle accelerator, determining what types of cosmic radiation will be fed down onto the Earth's surface. Some of this radiation would be involved in producing the cloud cover which moderates the Earth's tempera-

ture and produces precipitation.2

Certain aspects of this process of biogenic migration of atoms are popularly broken down, for ease of understanding, into several oversimplified cycles: the "water cycle," "nitrogen cycle," "carbon cycle," etc. At low resolution, these do, in fact, appear as simple cycles, but when viewed more closely, they form an interconnected network, a system, whose causal interrelations are impossible to represent linearly. Changes in the nitrogen concentration of soils, caused by perturbations in the nitrogen cycle, change the rate of carbon fixation in plant life, perturbing the carbon cycle, which in turn changes the rate of photosynthesis, perturbing the oxygen and water cycles, which in turn perturb the nitrogen cycle, and other biogenic flows of atoms, etc., etc.

Even within a single one of these so-called cycles, the amount of complexity quickly reaches a point where the description requires a systems approach—a tensor description—particularly when we wish to discuss the conscious manipulation of such a system.

Taking water as an example: In first approximation, at the lowest resolution, we can describe the water cycle as a simple process, beginning with sunlight's effect on the ocean surface, causing evaporation. This evaporated water rises into the atmosphere; some of it migrates over land and falls as precipitation. This precipitated water then makes its way, over time, back into the ocean, by way of streams and rivers.

Upon closer examination, this process really consists of many interconnected subcycles, where water plays its most important role, in facilitating the growth of plants. In

this process, there is no clear beginning, nor are there any simple linear or cyclical relationships. Plants consume both water and sunlight, using them to produce oxygen, and to fix CO_2 into energy-dense organic molecules. The moisture which these plants release in tran-

^{2.} One might, in fact, consider this entire process to be the creation of a sort of biospheric infrastructure, where biological fossils continually provide the conditions for more advanced creative processes.

Earth's Atmosphere

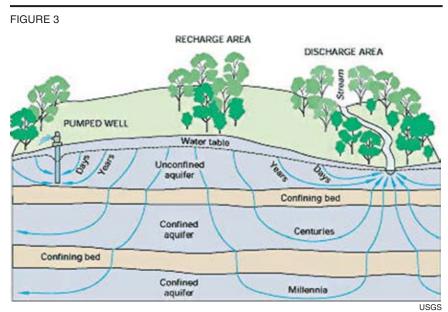
Our planet is sometimes unimaginatively pictured as a rocky sphere to which a thin layer of gas tenuously clings amidst the vacuum of space. Far from that bleak prospect, the Earth's surface represents a particularly intense region of transformation of the cosmic radiation which permeates all of space. In our neighborhood, the vast majority of this radiation is emitted by the Sun, which produces a large spectrum of electromagnetic frequencies, as well as a constant stream of electrically charged plasma called the Solar wind. The Solar wind, guided by the Sun's magnetic field, is involved in a constant interaction with the plasma that constitutes the upper regions of the Earth's atmosphere and Earth's own, constantly changing, magnetic field. This complex interaction produces highly structured phenomena such as the Van Allen radiation belts and the aurorae, while the ionosphere itself produces electromagnetic radiation in the low frequency range.

The relative strength of the Sun and Earth's mag-

netic fields also modulates the influx of galactic cosmic rays, which change the climate through cloud formation, and acts directly on the evolution of living organisms over longer periods of time. It has also been documented that subtle fluctuations in the Earth's magnetic field, in part induced by its interactions with the Sun, directly influence the behavior and vital activity of living organisms and is likely a factor in their evolution. But, it is life itself which produced the ionosphere, through its creation of the atmosphere.

Several recent studies also point to the possibility of life's direct role in the creation of the geomagnetic field, possibly through the movement of ocean currents, and through the influence of water on plate tectonics, which could affect heat convection of the hypothesized dynamo beneath Earth's crust. Whether this is the actual mechanism or not, it is in fact the case that the peculiar character of Earth's magnetic field is associated with its uniqueness as a bearer of living matter in the Solar System.

Thus, in sum, it is safe to say that weather, in space and on Earth, is a product of living processes.



An image of an interconnected system of ground water and surface water.

spiration then rises up to become cloud cover, feeding and enhancing the precipitation which had permitted their growth originally.

If the vegetation becomes dense enough, this additional atmospheric moisture is enough to change weather patterns, alter the landscape, and reshape the course of rivers. At various stages of this process, large amounts of water enter the soil, to either be evaporated again into rainfall, or to be sucked deep down into the groundwater stores which form a continuous system of exchange with the aboveground lakes and rivers.

The result of this is that, globally, the same water falls an average of 2.7 times on land before returning to the sea, and the rate is obviously higher

Average Annual precipitation mm. [in.] 3000 [120] 2000 [80] 1000 [40] 250 [10] below 250

Rainfall map of the world. Note the disparity in the amount of rainfall along the Pacific Coast of the United States.

in areas of dense vegetation.³ Further, as the ground-cover and soil moisture change, so does the reflectivity of certain parts of the Earth's surface, which, in turn, transforms how sunlight is absorbed and changes its effects on temperature and evaporation.

The number and types of interrelations are vast, but perfectly comprehensible to the human mind, when aided by the proper conceptual tools. In fact, their thorough comprehension is the destiny of the human species, since the mastery—and replication, in an improved form—of their complex interrelations will be necessary in order for man to achieve his destiny of colonizing interplanetary and interstellar space. Already today, spacecraft designers must attempt to recreate portions of the oxygen, carbon, and water cycles in miniature, in order to maintain crews on their trips.4 The same process, at much higher levels of complexity and efficiency, and combined with a deeper understanding of the role of cosmic radiation and other electromagnetic and gravitational phenomena, in the maintenance and evolution of life on Earth, will be required for the establishment of permanent settlements on the Moon, Mars, and beyond. Projects like NAWAPA will bring such goals—necessary for the continued survival of the human species—out of the realm of science fiction, and within reach of humankind.

The introduction of irrigation, and the consequent agricultural development, increases the amount of transpiration in a given area, creating more sustained subcycles of rainfall, and generating rainfall which previously may not have existed.

What Does This Mean for NAWAPA?

In this case, we are taking a portion of the hydrological cycle involving the western region of North America, which currently includes relatively few subcycles, and connecting it into a Noöspheric system of much greater complexity. Water that evaporates off the surface of the Pacific Ocean tends preferentially to travel up the coastline as cloud cover, and deposit itself in northern regions as solid ice and rivers.

USGS

A large percentage of this freshwater then runs directly into the ocean off the coast of Alaska and North America, never taking part in any biospheric sub-cycles on land. Meanwhile, the southern desert area of the west—the Great American Desert—remains dry and barren (see NASA animation of clouds circulating up the coast at: http://svs.gsfc.nasa.gov/vis/a000000/ a003600/ a003645/index.html).

To get an idea of this quantitatively:

The total amount of water evapotranspired from land and ocean amounts to 57,600 and 351,400 million acre feet per year (MAFY: the amount of water contained on 1 million acres of land, at a depth of 1 foot), respectively,⁵ for a total of 409,000 MAFY.⁶ Twenty-five percent of that, or 86,700 MAFY,⁷ falls back onto the land as rain or snowfall, while the rest is rained di-

^{3.} Lev S. Kuchment, "The Hydrological Cycle and Human Impact On It," in "Water Resources Management," *Encyclopedia of Life Support Systems*, 2004.

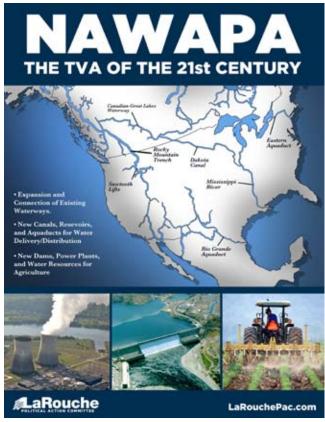
^{4.} As an example, take the limited example of water, oxygen, carbon, etc., recycling on the International Space Station.

^{5. 71,000} km³/yr and 434,000 km³/yr, respectively.

^{6. 505,000} km³/yr

^{7. 107,000} km³/yr

FIGURE 5



LPAC

The North American Water and Power Alliance (NAWAPA) is a continental development project, proposed by the Ralph M. Parsons Company in 1964. Its implementation would have marked a new phase in the evolution of the Biosphere and Noösphere. The failure to implement it coincided with the beginning of a decades-long collapse of infrastructure and physical productivity worldwide, which now threatens the very existence of human civilization.

rectly back into the ocean. At any given moment, there are 12,600 MAFY of water in the atmosphere, 3,600 of which is over land. Approximately 2,800 MAFY fall within just the Alaskan and Canadian catchment basin to be utilized by NAWAPA, an amount equivalent to more than half the total precipitation of the entire continental United States! This produces 8-900 MAFY⁸ of run-off into the Pacific and Arctic Oceans. This quantity is lost to the productive processes of the Biosphere, never taking part in photosynthesis, or any other biospheric process during its time on land. This is a continuous cycle, constantly replenished, although, in parts, it is terribly inefficient.

Thus, it becomes clear that, contrary to popular misconceptions and outright lies, the water to be used by NAWAPA is not some stash, which will be run down over time, nor is it water which otherwise would be used for other purposes. NAWAPA is the harnessing and improvement of this natural, global cycle and, because of this, will be capable of not only providing freshwater to the western U.S. and northern Mexico for perpetuity; experience has shown that it will also permanently transform the climate in these areas as a result, lowering the temperature and increasing rainfall.

NAWAPA will transform this cycle, drawing a portion (160 MAFY, or 20%) of what would otherwise immediately become run-off water, into a system of already existing rivers and newly made canals. As it travels, the water will replenish groundwater stores and

California's Central Valley

In California, some of the country's most productive agricultural land (not to mention, America's second-largest metropolitan area, Los Angeles) is spread over what amounts to a desert. This is made possible by a massive infrastructure network which diverts the flow of the Colorado River and northern Sierra Nevada mountain runoff through a series of dams, reservoirs, pumps, and canals, for delivery of freshwater into the arid central and southern regions of the state. At the time it was initiated by Franklin Roosevelt in the 1930s, the Central Valley Project (CVP) was biospheric engineering on a grand scale, which was expanded, beginning in the late 1950s, under Gov. Pat Brown's State Water Project (SWP) initiative. A recent study showed that irrigation in the arid Central Valley has led to a decline in average daytime temperatures between 2-3° C. Today, the CVP and the SWP together provide an average of 10 million acre-feet/yr (12 km³/yr), representing more than 25% of the state's total freshwater consumption. California's yearly share of NAWAPA water would more than double this amount.

8. 990-1110 km³/yr

take part in greening large swaths of the Great American Desert. This will extend the time this water spends on land by orders of magnitude, as well as increasing the frequency of its circulation during that stay.⁹

Now, what will be the effect of the increased plant transpiration in the 21-50 million acres of new farmland and forests created as a result of the NAWAPA

project? This will be up to double the current irrigable acreage west of the Mississippi. For the United States, this amounts to a strip of newly irrigable land 1,800 miles long and 35 miles wide—nearly four times the size of California's Central Valley.

Again, the careful selection of regions of farmland, but also areas of new, highly organized and maintained forests, where once there was desert, will increase the overall soil moisture, as well as increasing the amount of overall evapotranspiration over land. This will lead to increased rainfall, and, if carefully structured, new and beneficial downwind rain and weather patterns. The water introduced by NAWAPA will be used not once, but multiple times, as it makes its way through innumera-

ble smaller sub-cycles, falling multiple times as rainfall over land, before finally making its way back to the sea, to someday, eventually, make its way back to Alaska to begin the entire cycle once again. Only now, among its activities, will be included a plethora of industrial and other uses. This same water might someday be the freshwater used to hydrate the first manned crew traveling to Mars!

A Complex System of Interweaving Cycles

In this way, NAWAPA can be seen as a transformation of a complex system of interweaving cycles, increasing the complexity and efficiency of the overall process, while not subtracting anything. Self-conscious use of the new hydrological sub-cycles will permit transformations of the several other cycles mentioned above. The increase of the forested area of North America will produce a larger, more efficient CO₂ sink, increasing the rate of the carbon cycle on land. We may

even discover that the available CO_2 is too little for our purposes! To fuel that carbon cycling, we will need to—among other things—increase the amount of available nitrogen in the soils, allowing for the growth of these photosynthesizing plants.

The available water will be used to replenish groundwater stores such as the Ogallala Aquifer, reduce the mineral contamination of water retrieved from the Colorado River, and clean the soil of farmland in the Midwest, as well as flushing and replenishing the Great Lakes. This same process will be the model for the similar development projects to be deployed in Mexico, Africa, Central Asia, Southwest Asia, Siberia, Australia, and similar regions worldwide, thus further extending

man's conscious management of the Biosphere as a whole. Afterwards, this process can and must be extended to include more directly the development of Earth's oceans.

It is significant to note that, despite the seemingly colossal scale of all of this, we are discussing relatively tiny portions of incredibly large numbers. Only about 1/billionth of the radiant energy released by our Sun falls on the Earth, at any given moment. Not more than 50% of this tiny bit of radiation fuels the processes of evaporation, transpiration, and photosynthesis, which latter drives the biogenic migration of atoms, producing—among all of the other things we have discussed—all of the rainfall and all of the flow in the rivers we are here discussing. In order to accomplish NAWAPA's goals, only about 20% of the runoff from the targeted Alaskan and Canadian rivers is required to be redirected. This runoff represents perhaps 1% of the total runoff of the Earth's crust, which itself is a small per-

Chlorophyll

As an aside, it ought to be clear from what has been said so far that, due to the centrality of photosynthesis in this process, land which might otherwise be wasted on inefficient solar panels ought instead to be used to grow green plants—the only efficient utilizers of solar radiation. These massive areas of new greenery, carefully selected as to quantity, quality, and location, will fuel the process of transformation, and beautify the hundreds of new cities which will be built to maintain this process.

^{9.} It is important to note that here, again, it becomes clear that the concept of a "water cycle" is inadequate. Water which participates in photosynthesis ceases to be water, and is, instead, broken up into free oxygen, released as a gas, and hydrogen, which is fixed into organic molecules, thus feeding into two entirely different "cycles." Thus, although the overall quantity of water on the Earth may stay the same, it is not the case that this is always the "same" water.

The Moon-Mars Project

As has been discussed, understanding the Biosphere includes understanding the intimately connected set of relationships among terrestrial and cosmic phenomena, such as gravitation, the geo-magnetic field, solar radiation, as well as cosmic radiation. On Mars, the magnitude and state of these various elements is



Shown: an artist's rendering of an astronaut collecting samples on a future mission to Mars.

very much different. For example, the gravitational effect is one-third that of the Earth, and the magnetic field is faint and dispersed, which, along with other factors, figures in the absence of a substantial atmosphere on Mars, all of which are part of a differing dynamic relationship with the Sun itself. Thus, many factors which we heretofore had taken for granted on Earth, become existential challenges when orienting towards sustaining life on Mars, not to mention the

first step in that process of colonization: that of the industrialization of Earth's Moon. This must be done for the purpose of, among other things, utilizing the low-gravity environment for building the ships to take us to Mars, as well as for the mining of the Helium-3, abundant in the lunar soil, to be used as the fuel for the yet-to-be-developed fusionpowered rockets, the only fuel capable of achieving one-Earth-gravity equivalent acceleration—an acceleration requirement necessary to deliver humans to Mars in a timely (4-7 days) and safe manner. Consequently, in understanding how we come to gain mastery over the organization of Earth's Biosphere, we gain insight into exactly what parameters and requirements are necessary to create superior life-supporting systems beyond it.

centage of the total freshwater, 70% of which is locked up in snow or ice.

At any given moment, only about 1% of the total freshwater of the planet is "in play" in the near-surface Biosphere—only 1% of freshwater is directly accessible to living processes at or near the surface of the planet. But what occurs in that 1% drives the entire cycle, much in the same way as living matter—a tiny percentage of all of the matter in the Biosphere—drives the entire biogenic migration of atoms, reshaping Earth's crust and oceans, creating Earth's atmosphere, and governing the electromagnetic interaction with the universe as a whole. Man, in terms of his mass, represents a tiny portion of even this tiny amount of living matter. Yet man, by the power of his mind, is the only force in the universe deserving of the title "Co-Creator"

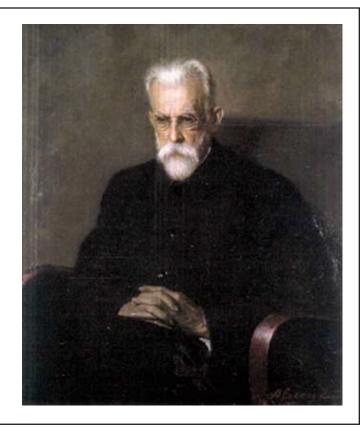
of that universe—capable of understanding and improving the processes by which that universe was brought into being.

The Necessary Next Step

In this way it should become clear that NAWAPA is not merely a piece of interesting policy. It is the necessary next step in man's emergence from his civilizational adolescence. In order to accomplish this next step, a major cultural-political shift must occur, which will express the sharp rejection of the cultural and political turns of the last decades. NAWAPA alone will be a multi-generational project, requiring at least a quarter of a century for its completion. The expanded mission of developing the Solar System will require several generations more. This is the antidote to the

Vernadsky and the Biosphere

Vladimir I. Vernadsky's concept of the Biosphere contained nothing of the silly "equilibrium" that modern environmentalist idiots seek to ascribe to it. Rather, it was a dynamic and evolving system which formed the interface between the Earth and the energetic processes of interplanetary and interstellar space. The introduction of man shifted that dynamic system into a new state—that of the Noösphere — providing for levels of creative evolutionary development which were otherwise impossible, including the possibility of greening the deserts, and extending the Biosphere off of Earth's surface. This scientific understanding of nature as opposed to the primitive, superstitious notions pushed by the anti-human "green" movementis indispensable for a true science of economics.



no-future ennui of today's young adult generation, forging the cross-generation connection which separates our species—at its best moments—from the beasts.

Like all great feats of human creativity, this is not a project designed for immediate consumption. This is a project designed to extend man's sense of self far beyond the confines of his sense perceptions and feelings of personal well-being, and connect him instead to generations which will continue his legacy long after his generation has left this Earth.

The cultural transformation required to accomplish a project of this scale, must include a repudiation of the past decades' policies of free trade, and a reinstatement of the kinds of controls over banking and financial policy which the Glass-Steagall standard represents. We must see a clear rejection of the anti-science, anti-progress, and anti-human policy represented by the recent decades' rise of green fascism.

Most importantly, we must demand the rejection of this current President, Obama, whose personal sense of identity, like his policies, lies in those very same failed cultural characteristics which have brought us to this point of collapse. Then, and only then, may we free ourselves for the real work to be done.

References:

Lyndon H. LaRouche, Jr., "Learn from NAWAPA: Mind or Body?" in *EIR*, August 20, 2010.

V.I. Vernadsky, The Biosphere (New York: Springer; 1997).

L.S. Kuchment, "The Hydrological Cycle and Human Impact on It," in "Water Resources Management," *Encyclopedia of Life Support Systems*, 2004.

R.W.A. Hutjes, "Biospheric Aspects of the Hydrological Cycle," Journal of Hydrology, Nos. 212-213 (1998), pp. 1-21.

N.W. Snyder, "Water from Alaska," speech to Fusion Energy Foundation conference on "A High Technology Policy for U.S. Reindustrialization," Los Angeles, 1980.

L. Gordon, "Land cover change and water vapour flows: learning from Australia," *Phil. Trans. R. Soc. Lond.* B (2003) 358, 1973-1984.

H.W. Ter Maat, "Meteorological impact assessment of possible large scale irrigation in Southwest Saudi Arabia," *Global and Planetary Change*, No. 54 (2006), pp. 183-201.

R. Bras, "Planet Water: Complexity and Organization in Earth Systems," James R. Killian, Jr. Faculty Achievement Award lecture, MIT, 2009.

T.C. Winter, J.W. Harvey, O.L. Franke, and W.M. Alley, "Ground Water and Surface Water: A Single Resource," U.S. Geological Survey Circular 1139, Denver, 1998.

To Rescue the Planet: Dump Obama! Revive Glass-Steagall! Build NAWAPA!

Aug. 4—Lyndon LaRouche was the featured guest on LPAC-TV's Weekly Report today, hosted by John Hoefle; they were joined by EIR Editor Nancy Spannaus. A video of the dialogue can be found at: http://larouchepac.com/node/15399.

Hoefle: Welcome to the LaRouche PAC Weekly Report.

Lyn, you have some very interesting things to say, some new developments on our infrastructure program, and the transformation of the planet.

LaRouche: We have two things to consider, and what I am saying, will, today, will be an oral indicator of what will be produced here, in the studios, as documentation, and be done with the cooperation with the Basement Team [see http://larouchepac.com/basement] in the neighboring town. And therefore, I shall outline this, and indicate what we are going to be doing.

We have two general questions, which intersect on the expulsion of the President from his office, at present. Because without the expulsion of Obama from the office of the Presidency, in the near term, there is no hope for the United States. And if the United States goes, you will have a chain-reaction collapse of the entire world system. That is where we are.

We need two things, therefore. We need documentaries produced, which will assist people in understanding exactly what it is I am going to say today. But it should be on the record first, because it will take a couple of weeks to get these things produced. And we need to have something now, on the breaking situation. We are already at the breaking point, at which, at any time—it is now essentially unpredictable—we are in a period, between the end of June and some time in September, during which, at present, the entire U.S. economy will disintegrate, unless something is done to change the perspective.

The first condition is that, Obama has to be out. As

long as Obama remains President, there is no hope of saving the United States. And we are not talking about November, we are talking about August and September: That is the interval we are looking at right now. That is number one. This intersects the alternative, and the alternative has several components.

First of all, the solution to this crisis lies in the attempt to get a Glass-Steagall measure through, That is number one. In other words, the sequence is: Fire Obama! Number one. Without that, disaster. Step number two: an emergency reenactment of Glass-Steagall, as defined originally by Roosevelt: exactly, no change from the Roosevelt specifications. That enables a third measure. And the third measure is to utilize the potential for a NAWAPA program.

The area of the NAWAPA territory, that is, the target area of development of NAWAPA, in North America, we have a vast number of contractors who are unemployed—this is important. We have in the vicinity of this area, as in California and the state of Washington, we have many people with engineering qualifications, of one degree or another, who are capable of doing this job. So we have a population of contractors—we are talking about hundreds of thousands available in this area; we have hundreds of thousands of technicians, engineers, and scientists, who are also unemployed, with no prospect of employment, right now, under the present system.

So therefore, this program, the combination of firing Obama—get him out of there! If you value your life, get him out of there! And first thing, Glass-Steagall. Glass-Steagall will eliminate the bailout problem, which means the Federal government will then have the means, *after* Glass-Steagall is enacted, at that point, the means to utter Federal credit, for programs which will be led by the NAWAPA program. The NAWAPA program will involve hundreds of thousands of employees, and the shovel goes in, right at



EIRNS/Dan Sturman

the start: In other words, we can have, as early as September, if this is done, or at the latest, the beginning of October, we can have a major project, which will reverse the tide, on the present, oncoming disintegration of the United States.

If Obama remains as President, we know what his profile is: He's the Emperor Nero, he's Adolf Hitler, he's Obama. These are three examples of a type, which, once allowed to come into positions of power, of great power, become a danger to all humanity. And we have got to get rid of Obama, the same way we would have to get rid of Hitler. It is the same thing. Because they have the same kind of personality. It is a *failed personality*. The design stinks! It doesn't function.

Now, you put a failed personality, who is completely

impotent on their own, like Adolf Hitler, a lousy painter—and he should have stayed at that profession—but, you put a failed personality into a position of power, where the crisis is such, that you have dictatorial conditions, *as today!* Obama's personal profile, psychological profile, is that, exactly identical to the type of Adolf Hitler and to the Emperor Nero. And under these conditions, he will act under the present circumstances, if not to prevent it, he would do the same thing to the people of the United States, that Nero did to the people of Rome, and that Adolf Hitler did in Europe.

So you have got to get him out, on the basis that he has already committed enough crimes to be impeached anyway. But we just want him out of there. So, we have to take those kinds of measures.



Obama in the Bunker

Now, that would work. Because, if you remove Obama, now, you will find that the political system will change. Why? Because, over 80% of the U.S. adult population wants Obama out. Probably more, actually, but the indications of his unpopularity go into the order of 80%. He's a failed personality, very dangerous. He becomes more dangerous when he fails. That is his greatest point, like Hitler. Look at Hitler in the bunker in Berlin. That is exactly what you are looking at with him. "Obama in the bunker," today's version of Hitler in the bunker. It is a remake of "Hitler in the Bunker": Obama in the Bunker.

Once he is out, then Glass-Steagall will go in. Because the population which is backing him, or stooges for Obama in the Congress, will fade. They will fade like the cowards they are. Because they echo the President! The President is a failed personality. He exerts tyrannical power. But he's a weakling. So if you break his authoritarian power, he will fold. And those who have kissed the butt of Obama, in the Congress, will also begin to fold. Nancy Pelosi may lose a lot of face, suddenly, all at once.

So, now you have a different situation. And what the population now wants, going into the Fall election even before the election, is clear: They want Obama out! And they want the skunks, who are his henchmen inside the Congress, out! They want the whole Obama team out! We can keep the rest of the Federal Administration. That will work. But what we will do, is then, we will go on this basis, of launching this program.

Now, most people do not really understand this program. They understand, and will understand, that there is a possibility—forget Obama's crazy manufacturing,

White House/Pete Souza Hitler in the Bunker in Berlin, 1945. Obama in the Bunker, Washington, D.C., 2009.

he has no idea what he's talking about; I do not think he cares what he's saying.

Spannaus: No, he doesn't. LaRouche: He's a faker.

Hoefle: He manufactures statistics, mostly.

LaRouche: Well, he doesn't even manufacture them. He just invents them, out of thin air.

But when we say that we are going to take hundreds of thousands, of presently skilled, unemployed people forget the unskilled, just the skilled ones, contractors or workers in the contracting field—and remember that in this area, where the Glass-Steagall application is to be made, on the basis of NAWAPA, this is where a lot of these people are. And they sit there, with hopelessness about any employment. Their families are disintegrating, the usual thing. Then, you have hundreds of thousands of highly skilled people, who also are hopeless. You put these people to work on a project which is going to go on for decades, and you will immediately begin to produce results.

And then, it has a third aspect, which we mentioned last week: The third aspect, is, we are going to change

the environment. We are going to destroy all solar cells, solar collectors. Destroy them! Because they actually cost more, than they provide. They take away more power than they give you. And they're a lousy investment. We are going to get rid of windmills, we are going to get Don Quixote, wherever he is; he has got a job waiting for him: Get rid of these windmills! And we do not care how he does it, we just hope he wins.

Because what we are going to do, is, we are going to go to a different kind of program: We are going to nuclear power, as a driver. We are going to thermonuclear power as a driver. And anybody who is opposed to that, is an idiot, and a danger to their own health. So that means, that we are going to make a change beyond that, with this program, which is going to change the entire planet.

What this is going to do, is, by this project—reorganizing the water system of that area, Alaska, Canada, and the northern part of Mexico—it is going to change the entire climate of the United States, among other places. And it will have a world impact. Because, what will happen is, if you get green trees and leafy vegetables, particularly—and trees are the best, because they give you about 10% reward in terms of energy and cooling, for everything you put into them. And leafy vegetables are the best. Grains are poorer; they are not efficient per acre, in terms of the effect we want.

What we want, is to take this extra water, which is now going into the Pacific, from Canada and from Alaska, into the northern part of the Pacific—we are going to put that water, instead of dumping it into the Pacific as is happening now—we are going to move that water into this Rocky Mountain stream, from Alaska on down. Now, that water will be used, initially, to promote the green growth, and we will have a planning process on that.

When you put green growth in this area of the NAWAPA project, you are generating a moisture factor, which will now give you rainfall in the adjoining area. The rainfall in the adjoining area, will give you evaporation, which will give you rainfall in the next area. So you have got a cycle right across, which runs from the Pacific to the Atlantic, of currents of weather; and high-density moisture, coming in from the western area, suddenly begins to become that way. Then you will get a pattern, where you will not be draining the Ogallala Aquifer and sinking the level of the land, draining down [this water]. You will now be generating, an automatic process, where the same amount of moisture, represented by the input of water from NAWAPA, is going to

rain many times, on its passage from the Rocky Mountain area, to the Atlantic Coast. Which means you are going to change the environment.

So get rid of solar cells. They are completely useless—the solar cells will give you less energy than you put in. Because the deterioration of the power caused by desertification, caused by too many solar cells, will actually cost you more in power, than you get from it, on top of—

Spannaus: You have to cut down trees to put up solar cells!

LaRouche: I know. Well, you should cut down solar cells and makers to defend the trees.

So, now, what we need to do, is, this is scientific work. Most Americans, even most technicians, most engineers, do not understand this, this kind of engineering. Because what we are doing—when we do this in the United States, you are going to have the effect, immediately: Russia is going to come in with the same policies. But it is going to be different, but it is going to be a Russian policy. It will integrate with this.

We can do the same thing for Africa. The only thing that will save Africa—if you are not for this program, you are against Africa, and everybody in Africa should hate you! Because you are their enemy! Everything that is done for Africa now, by Europeans and by the United States, is generally fake. If you look at Africa from the sky at night, look down, and see where you see the lights, at nighttime. And over most of Africa, you do not see any lights at nighttime. Why? Because there is no power there! Or no significant power.

What is the problem with Africa? It is the same problem we have in the United States: It is an infrastructure problem. Africa has all the resources, in itself, needed to develop. But it must have the power factor, and the water-management factor, to do that. Which means that what you have to do in Africa, is the kind of infrastructure program, which we are proposing for the United States itself, the kind of infrastructure program we need for Europe, for Russia, and so forth.

And the same kind of thing is what China needs, and also India, in a different way. India needs the nuclear reactors, the smaller versions. And they need them desperately, because you have a large section of the Indian population which has no chance of coming up without it, because there is no infrastructure, to speak of, for much of the Indian population. And its situation is not as tough, in some respects, as China's, but it is a very



The Bering Strait tunnel/bridge project will connect all of Europe by expansion of the rail system, into the United States, Alaska, down through Canada, down through Mexico, and through Darien Gap, down to the tip of South America. This artist's conception was commissioned for Alaska Gov. Frank Murkowski in 2003.

serious situation: 1.1 billion people; China, 1.4 billion people. And without this kind of development, you are not going to solve that problem. And in any case, it is going to require a long-term investment program. China has got to rely, largely, upon converting its lost capacity, which is lost from the world market, it has got to convert that into an infrastructure factor. To develop the interior of China, to a degree, that you actually can create the conditions for higher productivity and development of the population, of the unskilled part of the population. India has a similar kind of problem. It is an Asian problem, typically.

In Russia, they have got vast resources under the soil, in Russia itself, and also in the Asian area. But that requires development. That requires a transportation system, an improved transportation system.

Getting Out of the Woods

To do this, we have to go on a global scale: We have to develop maglev rail systems, which are strategic. They are no longer just continental; they are intercontinental. Taking the area of the Bering Strait tunnel/bridge operation, which means that you are connecting all of Europe to the expansion of the rail system, into the United States, into Alaska, down through Canada, down through Mexico, and through the Darien Gap, and down to the tip of South America.

And on the European side, through various contacts across, into the Mediterranean region, into Africa.

So now, you build a system, which is based on power and transportation, essentially. And the kind of infrastructure programs we are developing also for the United States, under a NAWAPA program. And that is the way you are going to solve the problem.

We do not have industries—I mean, when the President talks about manufacturing, he's just lying! He's an idiot, he's babbling, doesn't know what he's talking about! He has done everything possible to destroy manufacturing. He has done a better job at that, than even Bush did, before him. He's a wrecker. And he's a madman. Anything he says is not true, not necessarily because he's lying. He is lying in a sense—technically, he is a liar, among his other virtues, but the thing is, he's insane. So, when you say, the man is a liar, well, you say he is clinically insane. You treat him as insane, rather than as a liar; you do not convict him for lying. That is

worthless, it won't do any good, because he won't understand what the punishment is. After all, he is the Emperor Nero, he's an Adolf Hitler, as well as himself, and therefore, he can do no wrong! So, how can you convict him of doing bad things? You have to convict him of insanity. As Hitler should have been convicted, and Nero should have been.

So, what we will need to do: There are features of the program which I have laid out, which are beyond the understanding, technically, and scientifically, of most people. The people who have to do the work generally, the scientists, the engineers, the construction workers, and so forth, who are crucial for this program—they know how to do their job, or they can learn how to do it very quickly, because they have the basic skills, and perspective to do it.

So, the minute we get Glass-Steagall through, we have to proceed immediately, just to utter the general contract, and agreements between the United States, Canada, and Mexico, to start the program.

We will also enter into reformed treaty-agreements with Russia, and with Russia's partners in Asia. We will look for, hopefully, that Germany will come in on this soon, as a participant in developing the program.

This means that we are out of the woods, in a sense. We are going up, really, for the first time, since Truman. Actually, the United States has been going down, economically, in physical economy, since Truman. We know some things we have built, some things we did. But the net effect, in terms of long-term, real capital, productive capital and technology, the net thing is, we have lost it! And the most conspicuous loss is from 1965-66; 1968 was a turning point. The collapse of the world system, with the Summer of 1971: This started a process of accelerated collapse.

It is not only the United States that has collapsed; since the treaty-agreements on the euro, which were put through by Mitterrand, Thatcher, and George H.W. Bush, Europe, itself, and Russia, have been going down, grossly! And the markets for other nations, that these nations represented, are gone. So therefore, we have to change everything.

And the changes that we make, initially, the obvious first steps, are clear. Any competent engineer, or engineering group, any competent set of construction workers, can start putting the shovel in the ground, right away! Because the whole project is mapped out. So, we divide the thing into a major, overall project, which involves international agreements. Underneath the inter-

national agreements, we have the regional agreements, based on the assignment for various parts of the whole project, from Alaska all the way down. And it is extendable, through treaty-agreements with countries to the south, beyond Mexico, through the Darien Gap, and down through South America.

On the European side, the Bering Strait project, which is a tunnel that is already essentially designed, not perfectly, but it is designed and ready to go—we start on that. And the intention will be to develop, again, our relationship, through a land route, through a tunnel/land-route connection, into Eurasia.

And at the same time, with cooperation from key countries, we now open the gates for an infrastructure map, a major grid, of power, water, transportation, for Africa. And that is all the Africans really need. Because, without that infrastructure, they cannot develop. With that infrastructure, other things can be added to the infrastructure which will then work.

They Will Know the Recovery Has Come

So, what we are going to have to do, which is why I say, we'll have to do more video work on this, is, map this out, step-by-step, through video productions, to show people, who are ordinary citizens, what the devil we are talking about! Up front, they will get it. Very simply, we can actually start to recover: When people see the people, in California and Washington State, who are being thrown into the ditch, under the present Governor [Schwarzenegger], who is a Rothschild character, owned, and when they see people getting jobs back, in areas like this area, where the construction work is to be done, and getting the jobs back of skilled engineers and others, in Washington State, California, and so forth, they will know, the recovery has come. They will no longer have to listen to the nonsense and lies from Obama. They will recognize we have turned the corner. We are going up.

But now, they have to understand where we are going. And they have to understand what we are talking about, in terms of science. They have to be given briefs on what this water-management thing is. How are we going to increase the rainfall level, and the foliage, across the entire territory of the United States? How are we going to take the whole Western area, west of the 20-inch rainfall line, and suddenly make that a very fruitful area, for habitation, as well as for crops, trees, whatnot.

They have to know what these things are. You can't just say, "Have faith in me." You have got to give them



Army Corps of Engineers

When Americans see people in California, Washington State, and so forth, who are now being thrown into the ditch, and when they see skilled engineers and others getting jobs back, under NAWAPA, where the construction work is to be done, they will know, the recovery has come. Shown: Engineers working on a spillway at Lake Success Dam near Porterville, Calif., in 2007.

what the plan is, give them what they know firsthand: You are going to get jobs. We are going to reverse this nonsense. And we are going to stop the bailout, under Federal law.

But now, they have to understand what we are talking about in terms of the future. What the scientific changes in the organization of the planet are going to be. And we are going to realize at that point, that we are talking about space. We are talking about a development of the entire area of the Earth, with a new system, a new system of development of the planet territory of Earth. And this will change our relationship within the Solar System.

Man's role on Earth under these conditions, will begin to affect the basis for development in nearby areas of the Solar System. For example, we will be developing industries on the Moon. They will not be places you go to work to, but—

Spannaus: No commute!

LaRouche: No commuting! No frequent commuting is allowed. Daily commuting is off the table!

But what you will do, is you will actually create au-

tomatic factories. Because, if you want to build equipment, to go into further areas within the Solar System, you require some pretty big stuff. And the cost of moving construction materials from the surface of the Earth, up to the Moon, or even beyond that, is just prohibitive. So what you will do is, you will take the fact that we have got helium-3 isotope abundantly stored on the Moon, and helium-3 isotope is the driver for interplanetary rocketry.

In other words, you can get into Earth and Mars orbit within days, as opposed to, like 300 days, but in a matter of days. And so therefore, now, the Solar System begins to be opened up to us, by the rates of acceleration you can get with a helium-3 fusion burn.

So, what we are talking about is the development of the

Earth, improving *our* management of *our* environment—a *real* environmental program!—which will then extend man's influence into beginning to pioneer and develop the other parts of the Solar System. Which means that man's destiny is now defined, for future generations, if we do this, that man is man in the Solar System. That man is man in the galaxy. Because, with these kinds of technologies and what lies beyond them, that is available.

And we have to understand, that the individual living today, is without meaning in life: It is taken away from them! People can't even keep their own homes, that they had bought. Reversing that, but not only that, but giving them a sense of a certain kind of immortality: that their life will mean something in terms of benefits to future generations, in which they will morally participate, and give them a sense of immortality, in this sense; that even after they are dead, what they will have done, will live on, in this Solar System, and beyond. It is that moral change, which is most crucial.

But to get the moral change, you have to get certain physical changes, first, in order to convince the population, that there *is* a destiny for them, and that beyond the

span of their life, their life has meaning, efficient meaning, of which they can be proud, for coming generations after they are dead.

And that is the change, it is a moral change as much as a physical change. But it is the kind of physical change, which is essential for the moral change. And we *do* have hope.

So, we will require some carefully produced videos to break down these things we already know, or things we are beginning to know, and put it, step-by-step, step-by-step, and educate the American population, first of all, in the fact that they have a future, if we get this guy out, and make these fundamental changes. Want jobs? Hundreds of thousands of jobs for engineers and people like that; hundreds of thousands of jobs for skilled construction workers, and many more jobs for people who are employed as a by-product of these skilled people being employed: When they see that, they know we are going to win.

But beyond that, you can not just give them pie-inthe-sky; you have got to break it down, and show them, step-by-step, what this is all about.

The American System: Not a Monetary System

Hoefle: Yes. Most of us have been completely brainwashed, to think about everything in terms of money. And so, when you say, "We are going to launch these programs," there are people out there who will say, "But wait a minute, we can't afford that!"

LaRouche: We can't afford them!

Hoefle: And, you know, we can't afford *not* to do it, and it is not a matter of money. It is a matter of our having a future.

LaRouche: Well, people have an illusion about money, because they think money is something sacred.

Massachusetts, before they took away the Massachusetts Bay Charter, had a better understanding of economy, than anybody in Europe ever understood.

Spannaus: Talk about modern economy! They had it better then!

LaRouche: The American System is not based on a monetary system! The American System, Constitutionally, and otherwise, is based on a credit system. Now, most people out there have been brainwashed not to know that. It is not that they invented this idea; they were told it was true, and they were told to believe it. They said, "You see that money? You need that money?

Okay, well, That is sacred—and we own it. And you have to kiss our butt in order to get that money."

So, they have been so brainwashed by this kind of myth, they do not realize that credit is simply: If you are going to produce something, which is an improvement in productivity for the American people, an increase in the productive powers of labor, then you can expend credit, which will be repaid later, by the developments that you will contribute to. So what you have to do, is you have to be sure, that when you spend money, or utter credit, that, overall—you may have a mistake here or there—but that overall, en masse, the credit you utter is actually going to be payable, it is going to be redeemable.

So now, you are not taking money, as if money were a power, as a property. You are taking money as an instrument, now, of credit. And therefore, the power to create credit must now be taken away from Wall Street and London. Cancel it! "The contract is cancelled, buddy! No more 'your money'! We are now going to go back to money for a credit system, under the U.S. Constitution: The Federal government controls the utterance of money, because money is now only credit, and you do not utter it, unless the Federal government utters it." That is our Constitution. We violate it all the time! But the point is, it has been the American Constitutional conception, since the Massachusetts Bay Colony still had its charter! That is the American System.

Europe never had that system! There were some efforts in that direction, by a controlled fixed-exchangerate system. But we are going to have to go to a fixed-exchange-rate international system, based on a Glass-Steagall standard for banking. And we are going to have mercantile banking, not this crazy kind of banking. We are going to *cancel* it! If every bank on Wall Street goes down, that will not be a tragedy; that will be a blessing! We want the commercial banks, which do regular banking, not speculative banking: *No more Alan Greenspan*, or anything like him. Get rid of him!

But, the people have to understand this. Most people out there do not know what a credit system is! Even though it is our Constitutional system. So, we have to make these things clear.

Spannaus: I think the other major brainwashing item is, people not seeing man's relationship to nature. That we create! I remember back in one of your campaigns, in the early 1990s, we did a series of full-page ads on infrastructure, in the *Washington Times*. And I think the best one was done by Marcia Merry, because



LPACTV videograb

The United States never was a monetary system, LaRouche explained. Our Constitution established a credit system, which we are going back to: We are going to cancel the money system. "No more Alan Greenspan"!

she started off—she was talking about water, and she said, "Forget the idea that we have a fixed amount of water! Man creates usable, potable water. Not, 'it is given to us.'" But people have been brainwashed, especially since the end of the 1960s, into thinking there are fixed resources, that we have to adapt, that all we do is pollute nature, as opposed to the fact: We create!

I was looking at the advanced copy of what's coming out of the Basement on the NAWAPA program, and it begins, right off the bat, with a shocker! Which is, just take some of the ordinary foods that you think grow out there, from the abundance of nature: corn, apples—but man has developed those, to the point of being sources of nutrition, in a way that they never existed in the "natural" state (see article, p. 4).

LaRouche: Unlike Monsanto, the "unnatural"—

Spannaus: Yes, unlike the natural—

LaRouche: The unnatural opponent to what goes against the grain!

Man Is a Creator, Not a Slave

Spannaus: Right. I mean, you are liberating people from this idea, of "we are consumers of some fixed resources" to, on the highest level, being a co-creator of what will benefit future generations.

LaRouche: That is slavery. That whole idea is the principle of slavery. Man has always been productive, but then, you had developed in Europe, for example, and developed in other parts of the world, a system of

slavery! Where a ruling class would say, as the famous Olympian Zeus business, from Prometheus Bound: that man could not use fire. Man had no right to create the means, the ordinary person, because the ordinary people were treated as slaves. And serfdom was slavery! They had no rights. So they created money, a monetary system, which was controlled by people who were predators, ruling predators, and they kept the population down: The Roman Empire, for example, was engaged in constant genocide against this group, that group, that group! Wars were orga-

nized as a form of genocide, as population control. Starvation, epidemics, were organized—not because they knew how to make diseases, but they knew how to spread them.

Spannaus: Oh, for sure!

LaRouche: And knew how to starve people. So, there was population control!

And this thing, that the British Empire represents, like the World Wildlife Fund, of the Queen and her family: The motive for this, is *that*! The motive of the Queen of England, is genocide! She *does* push drugs! She *does* push genocide—her husband is more famous for it; Bertrand Russell was the author of genocide! And it is the same damn thing!

The idea, you want to control the population: Kill the old people, kill the sick! Spread epidemics! Destroy medical care!

Spannaus: What this so-called President is pushing, exactly!

LaRouche: Well, that is what he is: He's Adolf Hitler. He has exactly the same policies as Adolf Hitler, but he didn't get them from Hitler. He got them from the British, who created Hitler. And it is the British policy, of genocide. And they practiced it in India! The British genocide in India, is notorious!

Spannaus: Right, deliberate famines, millions of people.



NASA/Paul E. Alers

The motive of the Queen of England, is genocide! She does push drugs! She does push genocide—even if her husband is more famous for it. here, the royals visit NASA Goddard Space Flight Center in Maryland (May 2007), which they would like to shut down.

LaRouche: And, it was all written, proudly, by the British East India Company, in the 18th Century!

Spannaus: And they say the same thing now, about NAWAPA, and they said the same thing, when it was initially proposed: They said, "This is bad! Because this will show people that we *do not* have a shortage of resources, and they will get too big for their britches, for goodness sake, and we do not want more food, more product! That will mean more people, and we do not want more people! We want to *reduce* the population!"

LaRouche: I think it is important to emphasize another thing, that the idea of population control is not overpopulation. The point is, we have shown, that with the aid of science, and Classical modes of culture, because Classical culture—

You know where this rock music stuff came from, right? Why was this introduced? This was introduced after World War II. It was introduced to make the population stupid. Why? Because the purpose was to prevent the population from developing the ability of sovereignty. And therefore, by cutting down productivity, through cutting down infrastructure, by cutting inventions, technology, what you are doing is, you are forcing a collapse of the population. And you are also, at the

same time, by the kind of rock culture, the postwar culture, which was imposed by various agencies, *in* the United States, as well as in Europe, that this made people *stupid*.

And people became stupid, no longer oriented toward science, no longer oriented toward progress: They were out to play with themselves, in a primitive way, like monkeys in a zoo. And therefore, we have a population that is not even *oriented*, presently, to save its own butt!

So therefore, the idea is to keep people *stupid*! Do not allow them to have technologies; do not allow them to have the ability to control the planet. Keep them stupid. And if you keep them stupid, and not too numerous, then a minority can control them. And that is what the British Empire represents.

It is not the people of the United Kingdom; they are victims, too. It is the Queen and what she represents; it is that crowd. They are evil. And their purpose is to keep people stupid. Because if you can keep them stupid, which was the law, which is what—

Spannaus: Slavery, again, yes!

LaRouche: Well, the case of the Olympian Zeus, this is the point: Keep the people stupid! Do not let them have the knowledge of fire, do not let them have the knowledge of technology. And that is what the point is.

This is genocide. It is deliberate, intentional genocide, by a certain group of people, including cultural groups. And we have to realize that these people are the same thing as Adolf Hitler. Their goals are identical to those of Hitler. And Hitler got his goals from the British Empire, which created him, out of mud! Or something less—

Spannaus: Less useful! **LaRouche:** Less useful.

So the point is, this is Bertrand Russell; this is the World Wildlife Fund; this is the British royal family! They are the worst bastards on the planet! You want to talk about genocide? That is their policy! What do you think they've been doing in Africa? What they used to do in India: Genocide!

And what is Obama's policy? genocide! He is probably too insane to know it, but it is genocide. And we have got to defend the United States against the genocide, which an Obama Administration, on behalf of the British, is bringing down on the United States

population, right now!

None of this was necessary. But it was only necessary in the minds of those who practice genocide, who know the *intent* of keeping people stupid, with no motivation for actual work. They go out, like monkeys in a zoo, and play with themselves, and call that their "cultural life."

Spannaus: Or be sent into a war, here or there, to kill each other off.

LaRouche: Well, that doesn't even work any more.

Spannaus: Not enough. Russell said that, too: He said, that doesn't kill enough people, we have to do other things.

Hoefle: Our belief in money and monetarism, our belief in this economic system that has just collapsed, is part of that process of keeping us stupid, and making sure that we can't actually do anything, to change. As long as we believe in *that*, we are trapped!

A Sacred Mission: Defending the Constitution

LaRouche: Well, my duty as a citizen, in this country, is to uphold and defend our Constitution, which is the greatest instrument of government which has yet existed on this planet. Improvements could be made beyond that, but they have yet to be made. And I have to defend this people, and the rights of this Constitution, against these people who are predators, who have usurped the power of our Constitution and government, and are trying to destroy the principle of the Constitution itself. These guys, to me, are traitors. They are traitors who are in the service of a foreign power, the British Empire. That doesn't mean the people of the United Kingdom, that means the British monarchy and what it represents; that means Jacob Rothschild; that means the Inter-Alpha Group. These are the predators! The New Venetians, the international Venetians that control 70% of the banking of the world, right now. These are the enemy!

And my job is to do what I can, as a citizen, to defeat that enemy of our nation. And Obama is an enemy of the United States. And he has to be put in a mental asylum or similar place, where he can do no more harm.

And I would say, that Nancy Pelosi is about to lose face.

Hoefle: It could only help.

LaRouche: It would help shut her up!

Spannaus: Well, she has been caught red-handed, or bare-faced, or whatever, in terms of this witchhunt against the people in the Black Caucus, that the President himself is absolutely—

LaRouche: They are racists! They are trying to get racism going again! Deliberately: Here, you have a black anti—you have a mongrel.¹

Spannaus: Right! A mongrel.

LaRouche: He's trying to establish the Mongrel Empire! With all the fixin's!

Spannaus: Right. I do remember that *Time*, when he was running for office, asking, "Is he black enough?" Well, clearly, they knew that he was not black at all, in terms of—

LaRouche: It wasn't his skin that was black, it was his—

Spannaus: I know: It was his heart! It was his heart!

LaRouche: No, he is nothing but a puppet! He's nothing but a puppet: You have a piece of trash, and obviously, morally and intellectually, the man is trash. The failed personality, like Nero, like Adolf Hitler. Hitler was trash, Nero was trash.

Spannaus: And increasing sections of the population are realizing that now, in particular, the African-American section of the population is—

LaRouche: Anybody who was in the civil rights movement, knows this guy is a mongrel. He has called himself a mongrel; he's a mongrel!

Spannaus: He was speaking autobiographically. **LaRouche:** No, he was trying to establish, I think, the Mongrel Empire!

So, it is not just a matter of opinion: Our Constitution is valid morally. It is the best Constitution we have

^{1.} Appearing on the ABC-TV program, "The View," July 29, in which his firing of African-American Agriculture Department official Shirley Sherrod was discussed, Obama was asked about his own background, which includes a black father and white mother. Obama said of African-Americans: "We are sort of a mongrel people. I mean we are all kinds of mixed up." Obama added: "That is actually true of white people as well, but we just know more about it."

had on this planet yet. It has been violated frequently, by bad Presidents and similar things, but it is our Constitution. And it was the intent of Europeans who came here, to initiate the founding of this country, in effect, to make this available to the world. Our job in the United States, is to take the dedication on which we were founded, as in the Massachusetts Bay Colony, which was the first, concrete definition of what the principles are, and to ensure that that agreement, that intention, is defended. Not for the sake of us, or for greed, but for the sake of all humanity. Our job as the United States, is to look into the tradition of how we were founded, how Europeans in particular founded what became the United States.

The mission was to free Europe, immediately, to free Europe from oppression by its oligarchical classes! The imperial classes. To free the Europeans from imperialism, and to provide a model and place of refuge. Our job is not to fight wars. Our job is to defend the United States, and protect the rights of other people who should have the same rights.

It is a sacred mission. And those of us who take the United States Constitution seriously, must enforce the Constitution, and find the means to do so. We have, I think, the means to do so: We have a *failed* President, who was failed from the beginning. We have a failed Presidential regime. We have a failed Congress! We have been betrayed! The people have been betrayed!

Eighty percent of the adult population, hates this! They are being destroyed! Their rights are being smashed! Mass evictions, which never should have happened; loss of employment; industries gone. Cruelties beyond belief. Insanity—I mean the guy in Connecticut, who pulled out a pistol and shot people in the warehouse area. Mass death. It is a manifestation of the madness which is taking over a desperate population, driven to desperation, exploding with rage—and we are at the point, we are about to lose it.

And therefore, those of us who understand our Constitution, and know its importance, and are prepared to defend it, *must defend it against this President, and those who control him.* Otherwise, we do not have a nation. And every patriot is going to join me. Unless they're stupid!

Hoefle: When it breaks down, it breaks down very quickly. It is not a linear process that drags out, indefinitely.

A True Environmental Policy: Chlorophyll

LaRouche: It's worth something to emphasize that this is what has happened since the death of Franklin Roosevelt. People are ignorant of economy; they believe in monetary economy. They do not understand *physical* economy. That is why most economists are so damned stupid: They think of a monetary system, not of a physical system.

And what has happened is, we had an accumulation of capital, physical capital, physical improvements, including the education of our people. We have destroyed that education systematically, over the past period. We have stupid people! The education given to students today in schools is stupid! It is stupefying!

Spannaus: It got worse every generation.

LaRouche: Exactly. So therefore, it is called a *de*-generation, successive *de*-generation.

So, what has happened is, you have water systems, public water systems, where the wooden pipes are breaking apart. That tells you the *age* of the system! Washington, D.C., Baltimore, so forth, other areas, all over the United States, the water systems are breaking down. The pollution is increasing. Every system, medical services, industrial production, all kinds of skills.

So therefore, what is happening, which is causing the depression, is *not* a monetary crisis. The monetary crisis is a reflection of the insanity imposed upon a process of destroying the physical economy. And we have reached a point where, unless we reverse that, and start producing a *net physical product* of high technology, unless we break up the solar cells, as a piece of maddening insanity, get rid of this green policy that they have now—and go to a real green policy—chlorophyll—then we do not have a chance.

So therefore, the reason we are having a breakdown crisis, is not because of fluctuation in the financial markets. The financial problem is, we are in a hyperinflationary mode: That if you take the total amount of money imputed to be in circulation; and you take the percentile of that money which has correspondence to physical reality, you find it is diminishing, almost toward zero. Whereas, the other money, is increasing and multiplying like rabbits—or worse! And therefore, money is now becoming *worthless*.

But that is not the crisis! The crisis is the physical production per capita. And the resources on which that production depends, is collapsing.

So we are now at the point, that if we do not reverse



We have reached a point where, unless we start producing a net physical product of high technology, unless we break up the solar cells, as a piece of maddening insanity: Get rid of this green policy, and go to a real green policy—chlorophyll—then we do not have a chance. Shown: The Sun at work, producing chlorophyll in green tree foliage.

the policies against the direction that Obama represents, we are going to lose this nation this year!

Spannaus: I think you pointed this out, in a very famous study, back in 1974, about biological holocaust on a world basis. There, we were talking about Africa, but it goes for the whole world: You impose IMF-style conditions of destruction of production *and people* and their skills, and you basically create a New Dark Age. New diseases, new viruses grow—that has happened; it has been documented that it has happened. The destructive capability of the planet takes over, when man is deprived, by monetarism, and the royal family, of his proper role in the culture.

We said it, in 1975!

LaRouche: Yes, I know. Being an old economist, and being—

Spannaus: I mean, you said a number of things before that, also, but that was a very graphic demonstration.

LaRouche: Yes. Well, we had a problem in Africa that signaled that. We had the north Sahara problem, and the locusts.

Spannaus: Yes, and there was a whole malaria breakout and cholera breakout at that time, which was *totally* avoidable!

LaRouche: In 1975, that was the locust plague.

How we control that. We eventually came up with this rather sophisticated method.

Spannaus: Yes, of this solar-sonar bombardment, or something like that.

LaRouche: Yes, we had the technology. It was not developed, but we had the technology. We could take planes, low-flying planes, and whenever a locust outbreak occurred in northern Africa, we could fly low, and by radiation, we could kill off the locusts.

We actually ran a test down in Louisiana, on large, fat locusts, and we demonstrated that this process would succeed. This was never developed on scale, because there was no support for it. But it was part of—it was actually an auxiliary of the SDI.

Spannaus: It was fascinating! Right, right. Yes, it was!

LaRouche: It was a project I got into, which became part of the SDI.

Hoefle: "Beam the bugs."

Spannaus: "Beam the Bugs," Right! We had a candidate in Baltimore during that period, who was talking about "beaming the rats"!

LaRouche: If you tune in on something, it is a weapon.

Hoefle: Let's start with Wall Street. [laughter]

Spannaus: Yes, right, that would be more productive per capita.

LaRouche: Precisely.

Hoefle: So, we have got work to do, and the viewers have work to do, to make sure they understand what it is that we are talking about! We'll help them with that.

Spannaus: And they move now, to carry out the preconditions: Fire Obama! Glass-Steagall!

LaRouche: Boom! There he goes! That is not Superman, that is Obama!

Hoefle: I am ready to have a show where we talk about the post-Obama era!

LaRouche: I thought we were!

Spannaus: Because we are in it! Now, there is a change in physical space-time we really need right away.

LaRouche: The Doom of the Mongrel Empire.

Example Economics

LaRouche: Putin Is Right To Protect Russia's Food Supply

by EIR Staff

Aug. 8—In the wake of British criticism of Russian Prime Minister Vladimir Putin's decision to halt Russian wheat, barley, and other grain exports, in the face of a drought and fire emergency, Lyndon LaRouche has stated his full support for Putin's policy, according to a LaRouche PAC release issued yesterday. Putin had no choice but to act to protect the food supply of the Russian people, LaRouche said, and it would have been wrong for him not to do it.

LaRouche elaborated on the contributing causes to the crisis, as well as the solution, which involves the immediate launch of discussions and collaboration between the United States and Russia on the North American Water and Power Alliance (NAWAPA; see article in this issue, p.4).

LaRouche noted that the current problem leading to the reduction of the Russian wheat crop, largely by drought, could have been avoided, if the British, starting with the Margaret Thatcher regime, had not imposed such destructive policies on Russia, in the wake of the collapse of the Soviet Union.

Back in 1988, LaRouche explained, he personally had launched a Food for Peace policy, under which he envisioned cooperation between the United States and Russia in solving the then-chronic food supply problem in the Soviet Union and its allies in Eastern Europe. LaRouche proposed that the United States provide technological assistance to deal with the developing hu-

manitarian crisis at the time. This policy would have built trust and economic prosperity.

At that time, the first Bush Administration, along with Thatcher and French President François Mitterrand, sabotaged LaRouche's initiative, and instead subjected the former Soviet Union to genocidal IMF conditionalities, which have prevented Russia from using its historical scientific capabilities to develop the necessary infrastructure for productive agriculture, that could withstand extraordinary weather problems like those today. The British agents who carried out those crimes still control parts of Russian policy.

Fires Show Infrastructure Need

Russia is in the midst of a Summer wildfire crisis on a scale not seen since 1972. Weeks of temperatures above 90°F, with no rain, have turned forests, peat bogs, and abandoned farmland throughout central European Russia and the Volga River basin into a giant tinderbox.

At an emergency conference Aug. 2, Prime Minister Putin said that hundreds of new fires were breaking out each day in the parched forests and bogs. As of Aug. 5, there were 520 fires burning, and Russia's national weather service forecast no significant let-up in the record heat wave until after Aug. 20. Residents of Moscow have been warned to stay indoors with the windows down, as a thick pall of smog from burning

26 Economics EIR August 13, 2010



www.premier.gov.ru

Russian Prime Minister Vladimir Putin (second from left) inspects the fires in Voronezh District on Aug. 4. Two decades of disinvestment in vital infrastructure included elimination of the Federal Forest Service, and some villages lack any fire-fighting equipment whatsoever.

peat bogs hangs over the city; these drained, then later abandoned bogs were already a factor nearly 40 years ago in the fire crisis of 1972, but government programs for bog hydration ended in the post-Soviet period.

Putin has been highly visible on national TV, overseeing the response to the fires. In the last days of July, he toured the area around Nizhny Novgorod on the Volga, Russia's fourth-biggest city, where entire villages had burned. With 1.2 million acres (over 1,800 square miles) burned, seven of Russia's central and Volga provinces were in a state of emergency at the beginning of August. The death toll has passed 50, as thousands of houses burn to the ground.

After two decades of disinvestment in vital infrastructure in Russia's hinterland, some villages are without any fire-fighting equipment whatsoever. Inhabitants try to fight the fires alone, shovelling earth by hand.

It is this collapse of Russia's rural economy and forest maintenance, not weather or alleged climate change, which has made the fires so terrible, a Russian Academy of Sciences environmental protection expert told Itar-Tass Aug. 6. "The fires, material damage, and casualties during the hot Summer of 2010 are the first serious alarm call," said Arkadi Tishkov, deputy director of the Academy's Institute of Geography. "One must respond correctly, without finding excuses in climate anomalies."

The orgy of privatization and financial speculation in Russia after the collapse of the Soviet Union in 1991,

left much of the rural economy to rot. With the population shrinking by nearly 10 million, the 2002 census showed that almost *one-third* of Russia's 155,000 villages had ceased to be functional communities. Some 13,000 villages had been abandoned altogether, and another 35,000 were inhabited by ten or fewer people, all of them retirees who are unable to maintain the land.

Tishkov estimated that 95% of the fires resulted from the rural collapse. The heat has been abnormal this Summer, he said, "but the fires we have seen were mostly man-made ones." Fires, he said, "are quite natural in a situation where vast expanses of European Russia are currently overgrown with weeds, where there are abandoned grasslands and pastures, which are pretty close to villages and towns. Hay fields and pastures accumulate huge reserves of dry grass. It is only a matter of time before they go up in flames."

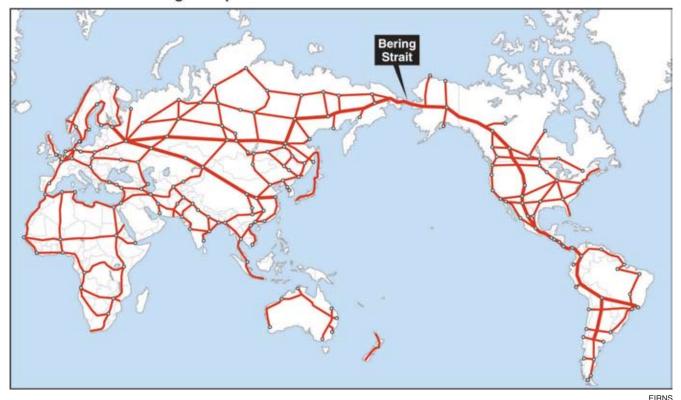
As for the abandoned peat bogs, Tishkov said, "The systems of artificial control of water levels in peatlands in the Moscow, Tver, Ryazan, and Vladimir regions are in ruins, and this does not allow rapid irrigation of burning peat," he told Itar-Tass. The result is persistent underground fires.

No less important than the heat wave, Tishkov emphasized, was the elimination of the Federal Forest Service as an independent agency in 2000, and the new Forest Code of 2007, under which companies holding economic use leases on forests are responsible for fire control, rather than the government. "This has eliminated entire sectors of the economy—forestries, the state forest protection, and so on," Tishkov said. He called for restoration of the Forest Service and other measures to restore national management of rural Russia.

What Kind of Modernization?

Putin's answer to a Russian blogger cast a spotlight on the contrast between the core infrastructure deficit in Russia, and the current campaign—steered by the privatizer London loves most, Anatoli Chubais—to pursue economic "modernization" chiefly in terms of the IT sector and other marketable technologies. This happened when Putin chose to reply publicly to a posting by a LiveJournal blogger in Tver, forwarded to him by liberal radio editor Alexei Venediktov.

FIGURE 1
The Eurasian Land-Bridge: Proposed Links to a Worldwide Rail Network



LaRouche stressed that implementation of NAWAPA would open the way toward realizing the Bering Strait rail-tunnel project, linking the Americas with Eurasia. The Russians have long been seeking U.S. cooperation in that project.

The writer demanded, "Why the f**k do we need an innovation center in Skolkovo [President Dmitri Medvedev's "Silicon Valley for Russia" project], when we don't have basic firefighting vehicles?" The man noted that even under "the damned Communists," his village northwest of Moscow had three ponds for emergencies, a fire alarm bell, and the services of a firetruck. Now the ponds have been filled in, the bell was replaced by a phone that doesn't work, and there is no fire engine in the region. The writer demanded that his taxes go directly to buy a fire truck. Putin, who has never answered a blog before, replied that he agreed with the criticism "in general," praised the blogger's writing style, and promised a fire bell.

The start of high-speed train service on the 255-mile Moscow-Nizhny Novgorod line went ahead July 30, even though Nizhny is an epicenter of the fires. Nizhny Novgorod regional Gov. Valeri Shantsev was unable to attend the ceremony, presided over by Russian Railways President Vladimir Yakunin, since he was at a

conference with Putin and Minister of Emergency Situations Sergei Shoigu in Vyksunsk District, a scene of major fire damage.

Yakunin termed the high-speed Sapsan trains "a symbol of everything new and progressive ...—our country's prudent approach to development, with an emphasis on breakthrough technology." Along with Putin, Yakunin has been one of the Russian officials working to focus the "modernization" policy on crucial areas of infrastructure and industry, such as rail, the aviation industry, shipbuilding, and nuclear power—and not only the agenda of IT and pharmacological "market niches," promoted by Chubais and other representatives of hard-core British monetarism.

Grain Harvest Hit

As in 1972, when the drought and crop failure were followed by massive Soviet grain imports and a sharp spike in food prices worldwide, the impact of the weather in Russia is international. Lately, Russia has

28 Economics EIR August 13, 2010

been a wheat exporter, but this year's crop forecast is turning negative quickly, as drought engulfs more than 15 regions. On Aug. 3, the Russian Agriculture Ministry cut its 2010 grain harvest projection from 85 million metric tons to the 70-75 mmt range. The 2009 harvest was 97.1 mmt, while 75 mmt is the domestic consumption level.

According to the Russian Hydrometeorological Center, the Winter wheat crop for next year is also in jeopardy, because the soil is too dry to start planting on schedule in August.

On July 29, the International Grains Council lowered its worldwide wheat forecast for the current crop (July 1, 2010-June 30, 2011) to 651 mmt, as against 677 and 686 mmt in the two preceding years. The downward revision takes into account the drought conditions in Russia, Ukraine, and Kazakstan. Russian exports, which were nearly 22 mmt last year, were expected to drop to around 11 mmt—before Putin's government announced the export ban.

Speculators aim to make a killing on the prospects for wheat scarcity. On the Chicago Board of Trade, wheat futures prices had risen 45% by July 29, from their lowest price in June. At the beginning of August, the European wheat price jumped 8% in one day, to EU211 per ton, the biggest one-day jump in three decades. It is feared that prices could reach the levels of the 2007-08 food crisis, when wheat was at EU300 per ton.

Within Russia, food prices soared by 19% in one week, before Putin's Aug. 5 announcement of the ban on wheat and barley exports for the rest of calendar 2010. "We cannot allow an increase in domestic prices, and we need to maintain the number of cattle," said the prime minister. Russia asked its Customs Union partners, Kazakstan and Belarus, to impose similar curbs.

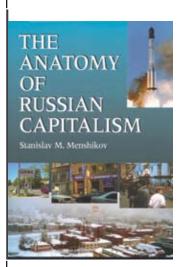
The 'Food for Peace' Solution

What is needed today, LaRouche concluded his Aug. 5 remarks on the action by Russia, is a policy in the spirit of his 1988 Food for Peace proposal. That is the only way to prevent the world system from continuing on its current road to Hell. And as soon as we get rid of Obama as President, we can take the necessary initiative.

That initiative is international cooperation on NAWAPA. In light of the fact that the seriousness of the Russian drought and fires is directly related to the degradation of the biosphere, including desertification, similar to that which affects the American West, the NAWAPA project represents a model approach for Russia, and a basis for close collaboration between the United States and Russia, and then other nations as well.

We need international cooperation to ensure the security of food supplies of all nations, and the practical measures to provide that, LaRouche said. NAWAPA, a terraforming project which will open the way toward the realization of the Bering Strait Project linking the Americas and Eurasia, is a key ingredient for that.

Earlier, in an Aug. 2 discussion with colleagues, La-Rouche noted that numerous Russian publications over the past decades have not only featured evaluations of NAWAPA, but have compared the scope of NAWAPA with the proposed diversion of Siberian rivers to deal with desertification in Central Asia. In light of Russian discussions of NAWAPA in the context of their own projects, LaRouche enunciated his policy that Russia should, and could, be a key partner in the adoption of NAWAPA as a model for development in numerous areas of the world, including Africa, and Central Eurasia itself.



This English translation of the work of Russia's authoritative economist, Stanislav Menshikov presents a critical analysis of the complex economic processes in Russia over the last 15 years.

Available through EIR

Order by calling 1-800-278-3135, or at the EIR online store, at www.larouchepub.com.

\$30 plus \$4.00 for shipping and handling

August 13, 2010 EIR Economics 29

National

Abolish Pelosi's Racist OCE Hit-Squad—Now!

by Edward Spannaus

Aug. 9—When Rep. Marcia Fudge (D-Ohio) and 19 other members of the Congressional Black Caucus introduced a bill in June to curtail the powers of the Office of Congressional Ethics, she denounced the OCE operations as being inconsistent with America's "spirit of justice."

"OCE is currently the accuser, judge, and jury," Representative Fudge declared. "This isn't the case in the American justice system, and it shouldn't be so in Congress."

Similarly, in an Aug. 5 *Time* magazine profile on Leo Wise—the former Justice Department prosecutor who now is the OCE's staff director and general counsel—reporter Jay Newton-Small reports that "members of Congress complain that Wise's OCE reports are written more as an indictment than a straight reading of the facts," which simply provides fodder for the press to smear members of Congress.

Lyndon LaRouche denounced the OCE as unconstitutional in a July 30 statement, and called for it to be "uprooted" and abolished. (See "Obama Revives Frühmenshen," *EIR*, Aug. 6, 2010.)

How did it come to pass that the House of Representatives created such an "independent" political hit-squad, that can target Members of the House based on anonymous complaints or newspaper stories? Why did the House ever pass legislation creating such a monster?

The fact is that it *didn't*. A majority of House members actually voted down the legislation creating the OCE, before House Speaker Nancy Pelosi (D-Calif.) violated her own rules, in order to bully and threaten her own caucus members to ram it through. Here is the sordid, untold story of how it happened.

Pelosi's Evil Scheme

When the Democrats took over Congress after the 2006 mid-term elections, there was a groundswell—partly real, partly manufactured—to reform the House's internal ethics procedures, in the wake of Republican covering up and stalling on the genuine scandals revolving around Jack Abramoff and then-Speaker Tom DeLay (R-Tex.).

Using the public disgust over Congressional corruption as a pretext, Pelosi created a "Special Task Force on Ethics Enforcement" in January 2007, charging it with studying proposals to create an independent agency within the House to investigate House Members—all this on the assumption that the House could not police itself.

When it started considering these schemes to create an independent office run by outsiders, who were not Members of Congress, the Task Force quickly ran into a sticky little problem: the United States Constitution. Article I, Sec. 5, Clause 2 states clearly: "Each House may determine the Rules of its Proceedings, punish its

30 National EIR August 13, 2010



House Speaker Nancy Pelosi (right) rammed through the unconstitutional creation of the Office of Congressional Ethics (OCE), which is now being used against African-American Congressmen. Accusations can even be anonymous, as in the Venice of the Doges, when denunciations dropped into the mouth of the famous lion at St. Mark's Square could lead to the victim's imprisonment—or worse.

Members for Disorderly Behavior, and, with the Concurrence of two thirds, expel a Member." And the House, of course, under Article I, Section 2, is composed only of Members who are elected every two years.

At the one public hearing held by the Task Force, on April 19, 2007, the constitutionality of the proposal for what was then called an "Office of Public Integrity" was the subject of much discussion. Of the hand-picked witnesses, mostly from self-appointed "clean government" groups, such as Common Cause, Judicial Watch, and the like, only one witness, Don Wolfensberger of the Woodrow Wilson Center, argued against the concept, stating: "I strongly oppose the creation of any independent entity that would take part in either part or all of the ethics process in the House of Representatives, and I do so because I think it would be a major abdication of your constitutional obligation to punish Members for disorderly conduct and also to protect the institution."

Later, Republican members charged that the Task Force had been "hijacked" by outside groups that "got

to the Democratic leadership" sometime during August 2007. "These outside interest groups exist to chastise and press charges against Members of Congress," said Rep. Todd Tiahrt (R-Kan.), speaking on the House Floor. "That's how they raise their money. That's why they exist.... [They] use any scrap of evidence they can find to try to press charges against Members of Congress." Tiahrt didn't name names, but he was undoubtedly referring to groups like CREW (Citizens for Re-

sponsility and Ethics in Washington), funded by George Soros, and whose co-founder, Norman Eisner, became Obama's White House "ethics czar"; and, "conservative" groups like Judicial Watch and the National Legal and Policy Center, funded by the likes of Richard Mellon Scaife.

The Republican members of the Task Force, who had been appointed by Minority Leader John Boehner (R-Ohio), refused to sign onto the report issued by the Task Force on Dec. 19, 2007. The Democrat-endorsed report did indeed recommend the creation of an independent Office of Congressional Ethics. Legislation to that effect was introduced the same day, just as the House was adjourning for the Christmas recess.

In presenting the proposal, the Democratic members of the Task Force were compelled to acknowledge the fact that many Members of Congress, and Constitutional scholars, had questioned the constitutionality of establishing an independendent entity to supplement the existing House ethics procedures. In addition to the "Disciplinary Clause" of the Constitution cited above, the report also cited the "Speech and Debate Clause," Article I, Section 6, Clause 1, which grants immunity to Members of Congress from investigation or arrest for actions taken in the course of their official duties.

The GOP Task Force members cited the obvious Constitutional questions, and expressed their fears that

August 13, 2010 **EIR** National 31 the proposed independent entity would be used by the Democrats for a partisan witchhunt. Little did these Republicans realize that Pelosi and her allies, including a yet-to-be-elected Democratic President Obama, would later collaborate with the FBI to wield the OCE process against targets in her own party, especially members of the Congressional Black Caucus, and other anti-Wall Street Democrats.

Pelosi Rigs the Vote

When lawmakers returned from their holiday recess in January 2008, the Democrats' OCE proposal hit a wall of opposition, so much so, that the Democratic leadership had to pull the bill back in February for minor changes. The Republicans offered an alternative, but one which, unfortunately, also contained a significant constitutional defect: rather than creating an independent OCE, the Republican proposal would have expanded the existing House Ethics Committee to include four former Members of the House—thus giving nonelected committee members a vote in official House proceedings.

After the bill was blocked a number of times, the only way Pelosi could hope to get the bill to the floor and passed, was by using what Rep. David Dreier (R-Calif.) called a "draconian process." This was a procedural rule (H.Res. 1031) which allowed for only one hour of debate *on the rule*, with no amendments allowed; and then, if the rule were adopted, the underlying bill (H.Res. 895) was also *deemed adopted*—without any debate on the underlying resolution itself.

That wasn't all. When the rule came to a vote, at about 9:30 p.m. on March 10, 2008, Pelosi—in a manuever that should have won her the Tom DeLay Award—held the vote open for 16 minutes beyond the allotted 15 minutes for a roll-call vote. Incredibly, when Pelosi became Speaker in 2007, she denounced similar maneuvering by Republicans, and she pushed through a rule prohibiting holding a vote open beyond 15 minutes "in order to manipulate the outcome," i.e., to induce Members to change their votes.

But when push came to shove, and the OCE bill had already been defeated by a 209-204 vote after 21 minutes, Pelosi and Majority Whip James Clyburn (D-S.C.) held the vote open for another 10 minutes, using the illegal time to armtwist three Democrats into changing their votes, so that the outcome was 207-206. (After it was clear that the resolution would pass, about 30

cowardly Republicans jumped ship and changed their votes, so that they could not be accused later of opposing "ethics reform.")

Unless you scoured the press with a microscope over the next day or two, you would not even have known how Pelosi rammed this through.

'Invitation to Character Assassination'

Within the scant one hour of debate permitted by Pelosi, many speakers on both sides of the aisle challenged the constitutionality of the proposal. "The Constitution explicitly states that the House is solely responsible for punishing its Members for disorderly behavior," said Rep. Dave Camp (R-Mich.), a Task Force member. "Creating an Office of Congressional Ethics calls into question our constitutional duties to discipline our own Members."

Representative Tiahrt, also a Task Force member, charged that House Members are "abdicating our constitutional responsibility," explaining: "In its 200-plus years of existence, Congress has never seriously contemplated handing over one of its most important responsibilities—that of regulating and disciplining its own Members—to an outside entity that is unaccountable to the American people, unlike elected Members of Congress."

Of the 18 Democrats who opposed the OCE proposal, only Rep. Neil Abercrombie (Hawaii) was allowed to speak—and only for two minutes. He described the proposal as "an invitation to ideological mischief and character assassination," pointing out: "Any referral to the Office of Congressional Ethics will be seen as tantamount to a guilty verdict. Any other conclusion by the House Ethics Committee will be seen as a cover-up. Mark my words, that is exactly what is going to happen"—which is, of course, precisely the way the news media and even President Obama are now treating the OCE reports regarding Reps. Charles Rangel (D-N.Y.) and Maxine Waters (D-Calif.)

"I can't figure out where the ethics complaints come from," Abercrombie said. "Are they dropped off at the door? What criteria will be applied by the OCE? This is about the House, and its membership should decide whether any Member has failed to meet its standards, not appointees who have not served or are not currently Members of the House."

Rep. John Dingell (D-Mich.), the "Dean of the House," was prevented from speaking, but submitted a

32 National EIR August 13, 2010



whitehouse go

Porter Goss (left), who was CIA director under President Bush, is now cochair of the OCE. He and Maxine Waters clashed in the 1990s over CIA involvement in drug-running; now he is leading the spurious "ethics" witchhunt against her.

written statement, in which he said: "I am concerned that granting the power and authority to investigate Members of Congress to an independent, outside entity cedes away too much of the power granted to the legislative branch by the Constitution of the United States. We need to be clear about what it is we are doing today; we are altering the scheme created by Framers of the Constitution in a way that weakens this body."

A statement was also read from former Congressman Louis Stokes, a one-time chairman of the House Ethics Committee, and a founder of the Congressional Black Caucus; he opposed changing the current Ethics Committee structure, declaring that, "Congress has a constitutional obligation to police its members."

Rep. Michele Bachmann (R-Minn.) warned, accurately, that the OCE would become "a bureaucracy of smear and witchhunt." She predicted that it "could create a place where potentially artificially manufactured scandal could be given a show trial ... all under the color of respectability, credibility, and authority."

After the fraudulent vote, Democrat Abercrombie denounced the vote-rigging. "We did win," he declared on behalf of the resolution's bipartisan opponents. "This thing is totally discredited."

Porter Goss? Ethics??

Discredited as she was, Pelosi went ahead and set up the OCE Board, to be composed of three persons nominated by herself, with the concurrence of the Minority Leader (John Boehner), and three nominated by the Minority, with the concurrence of the Democratic Majority. In the Summer of 2008, Pelosi and Boehner appointed former Rep. David Skaggs (D-Colo.) to chair the OCE, and former Rep. Porter Goss (R-Mich.) as co-chair.

The appointment of Goss—by agreement with Pelosi—was particularly outrageous, in light of Goss's long history of conflicts of interest and abuse of office. In 1996-97, Goss ran cover for then-House Speaker Newt Gingrich (R-Ga.), not only refusing to recuse himself from the Ethics Committee probe of Gingrich, despite his own financial contributions to Gingrich's GOPAC, but he even urged fellow Republicans to ignore the ethics investigation of Gingrich and to support

Gingrich for Speaker.

In return, Gingrich appointed Goss as chairman of the House Intelligence Committee (where Skaggs was already sitting), where Goss orchestrated a coverup of the CIA/Contra drug-trafficking allegations in the late 1990s, and then emerged as a primary defender of the Bush-Cheney secret-government operations, including torture and rendition. As a reward, and at Vice President Dick Cheney's instigation, Goss was appointed as CIA Director in 2004—where he continued to cover up the torture policy and practices, even to the point of destroying evidence of CIA abuse of prisoners.

The Goss/OCE targetting of Rep. Maxine Waters is even more outrageous, in light of the bitter conflict between Goss and Waters over the crack-cocaine investigations in the 1990s. Representative Waters was one of the most outspoken in demanding Congressional hearings. In 1998, Waters testified before a House Intelligence Committee hearing, chaired by Goss, demanding that Congress use its subpoena powers to get to the bottom of the CIA drug-trafficking story. Later that year, when Part II of the CIA Inspector General's report was issued, which confirmed that high-level of-

ficials in the CIA and White House had extensive knowledge of drug trafficking by their Contra allies, Waters wrote a letter to Goss demanding a full investigation—which Goss continued to block.

How corrupt is it, that this same Porter Goss, now runs the spurious witchhunt against Maxine Waters?

The Ghost of J. Edgar Hoover

Well-placed intelligence sources also point out that the OCE works in close conjunction with the FBI in its targetting of Members of Congress, especially those in the Congressional Black Caucus. In this light, it is worth noting that Leo Wise, the OCE's staff director and chief counsel, is a former Justice Department prosecutor who played a leading role in a number of high-profile "white collar" criminal cases. Others on the OCE staff also come from prosecutorial backgrounds—and unlike Members of Congress who sit on the Ethics Committee, these staff prosecutors have nothing to do with their time except to investigate—or cook up—charges against Members of Congress.

Remember how Abercrombie asked where the complaints come from. "Are they dropped off at the door?" In fact, that is exactly what happens. Under its internal rules, adopted by the OCE in February 2009, "information may be submitted anonymously or confidentially" (just as in Venice under the Doges). Or, the OCE staff or Board member can submit allegations received from "the press, third-party sources, or other sources."

And not to be overlooked, is that the OCE only got underway, as Barack Obama was assuming office. One of Obama's first actions in the White House was to appoint his old friend and Harvard classmate, Norman Eisen, as the White House "ethics czar." Before going to Harvard Law School, Eisen had worked in the Los Angeles office of the Anti-Defamation League—notorious for its targetting of civil rights and anti-apartheid activists, among others. In 2001, Eisen co-founded the Soros-funded CREW, which has targetted Representative Rangel, calling for Rangel to be investigated by the House Ethics Committee in November 2008, and most recently calling for Rangel to resign from Congress. One week after Eisen's CREW called for Rangel to step down, Obama himself echoed their call, demanding that the 40-year Congressman and war hero "end his career with dignity"-in a shocking display of his own Jim-Crow racism.

Rangel, Waters Vow To Fight Witchhunt

by Nancy Spannaus

Aug. 9—If President Barack Obama, and the racist coterie around him, thought that senior Congressional Black Caucus members Charles Rangel (D-N.Y.) and Maxine Waters (D-Calif.) were about to roll over and play dead, in the face of the assault by the Administration-backed Ethics mafia, they were once again demonstrating how oblivious they are to reality. Both Rangel and Waters have declared they will not only not resign, but will aggressively fight the charges. And they are building up a chorus of support for their fight.

No one should expect much support from the other members of Congress for the unconstitutional assault on these veteran legislators, who have reputations of strongly advocating for their constituencies, of course. As one knowledgeable Congressional source told *EIR* last week, the White House and House Speaker Nancy Pelosi are running a virtual reign of terror, in collaboration with the FBI, against any lawmaker who might even think of challenging the President's British imperial agenda.

It is these challenges—past, present, and future that have brought the wrath of Obama and Pelosi down on Rangel and Waters. Not only did both long-term Congressmen support Hillary Clinton's Presidential bid, up to the very last moment, but they both played a vocal role in opposing the Obama Administration's continuation of Bush's pro-Wall Street bailout policy. Waters specifically went against the nomination of tax cheat Timothy Geithner, whom Obama moved from his position as head of the New York Fed to the Treasury; Geithner was part of creating the financial blowout, she argued, so why should be be promoted to Treasury? Rangel demanded that social programs be paid for by taxing Obama's rich friends on Wall Street, has opposed the unconstitutional Deficit Commission, and has loudly objected to funding the no-win Afghan War.

Clearly, the witchhunters fear that, under current mass-strike conditions, Waters and Rangel could become rallying points for opposition to Obama's fascist program.

34 National EIR August 13, 2010



rangel.house.gov/Elbert Garcia

House Speaker Nancy Pelosi and her lynch mob at the House Ethics Committee have targetted veteran House members Charlie Rangel and Maxine Waters, in a blatant revival of the FBI's racist Frümenschen witchhunts against African American public officials. Shown: Rangel speaks to constituents in Harlem; Waters receiving an award for her work to prevent homelessness.

LaRouche Rallies Support

Not surprisingly, it was Lyndon LaRouche who stepped forward to rally support for the embattled Congressmen. In a statement issued Aug. 2, he said:

"All patriots who remember the cause of civil rights, will rally behind Congressman Charles Rangel and Congresswoman Maxine Waters. The actions against them, in large part instigated by the unconstitutional "independent panel" called the OCE [Office of Congressional Ethics], are an insult to all who fought the civil rights fight. The fight against this assault is the fight against the legacy of slavery."

"With this action, Nancy Pelosi has just lost her face. If she were a decent woman, she would submit her resignation now."

Rangel Answers Obama: No Deal

Rep. Charles Rangel has kept up his offensive against the attack against him on an almost daily basis. After Obama himself came out July 30, to say that he "hoped" Rangel, having reached the age of 80, would retire "with dignity," Rangel knew the odds were stacked heavily against him.

Speaking to reporters on Aug. 5, Rangel slapped down any notion that he should quit. "I don't know why

the President of these great United States would say something like that," Rangel declared. "I guess he believes 80 is old."

Rangel addressed a Harlem Day gathering at Columbia University that same day, where he explained with passion why he refuses to make a plea bargain, saying, according to *Politico* and the New York *Daily News*, "I have never heard of a case where somebody's accused of something," and is asked to plead guilty to make things easier for others, without a hearing of the facts.

He asked the people in the crowd if they were familiar with the concept of "plea bargaining," adding, "It's an old Anglo-Saxon procedure that happens in the courts." He then invoked a hypothetical case in the criminal courts system, in which someone is accused of bank robbery or something similar, and is told, "You don't have to have any hearing or any trial—if you go through a trial, this judge would give you 20 years. It would cause so much disruption—but, however, if you cut a deal, this judge is prepared to let you walk away with dignity."

Everyone knew that Rangel was mocking Obama's words condemning the Congressman's political career to "death with dignity," when he told Rangel, two days ago, to quit—or else!

Continuing with his example, Rangel added, "One might say, 'Counselor, I haven't done anything wrong.

I didn't even work at the bank.' But the lawyer replies, 'Nobody said you were dishonest. No one said you've done anything wrong—it's just that this is a bad time to be having trials about where you work. We've got to get rid of these things.'"

Rangel added, "They say, 'Well, you're giving us a hard time! You're acting defiant, and so, therefore—you make up your mind, its your decision."

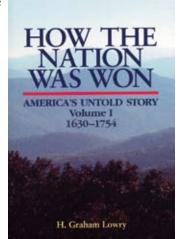
To laughter, he added, "How lucky you are when God tells you that you *don't* have to take a plea. That you can tell them to let the facts speak for themselves. And if you're afraid of the facts, then it means that I can afford to be defiant.

"So you can threaten. But you know when you have the facts and your people and your community behind you, it means that I don't expect to have another bad day since Nov. 30, 1950," when Rangel heroically led 40 American troops to safety, after they were cut off by an enemy attack in Korea.

Outside the luncheon, Rangel seemed amused as reporters peppered him with questions, including asking why he didn't feel the need to resign. "Because I'm running for re-election," he said.

America's Untold Story

How the trans-Atlantic republican movement waged a continuous fight for freedom, beginning with John Winthrop's Massachusetts Bay Colony in 1630.



\$19.95

ORDER FROM

EIR News Service, Inc. P.O. Box 17390 Washington, D.C. 20041-0390

Order by phone,

OR order online at www.larouchepub.com

Shipping and handling: Add \$4\$ for the first book and \$1.00 for each additional book. Virginia residents add 4.5% sales tax. We accept MasterCard and Visa

Waters Declares Her Innocence

As of this writing, the House Ethics Committee has just released the official charges—three counts, including using her "influence for personal benefit"—against Waters, who had demanded on Aug. 4 that the Committee schedule her adjudicatory hearing before the November election. Apparently, she had a chance to review the charges over the weekend, before they were made public today.

She has not yet issued a specific response.

But she, and Rangel, are receiving significant support, particularly within the black media and other black professional organizations. Most biting was the op-ed from Danny Bakewell, Sr., chairman of the National Newspaper Publishers Association, a 69-year-old federation of more than 200 black community newspapers. Under the title "If It Sounds Like Racism and Acts Like Racism, Then It Probably Is Racism." Bakewell writes:

"This is America, but you wouldn't think so in light of recent events wherein two high-profile, long serving African American congressman have come under attack. They are being dragged through the mud in a rush to judgment regarding alleged ethics violations....

"Congressman Rangel and Congressman Waters are valuable members of the African American community who have fought valiantly for our community. The National Newspaper Publishers Association (NNPA), therefore, urges you to stand behind them....

"Many people want to call this situation something other than what it is, but it is racism at the core. It is daunting, but not surprising that this is the case, but Rep. Rangel and Rep. Waters are far too valuable to our community to give up without a fight!"

The Aug. 6 edition of the San Francisco Bay View, a black community paper, took up the challenge by publishing strong statements of support for Waters by Joseph Debro, president of the Bay Area Black Builders, and Len Canty, chairman of the Black Economic Council. Both authors hone in on the role they assert was played by Treasury Secretary Geithner in concocting the charges against Waters.

While there is no question that some Republicans are chortling over the two lawmakers' difficulties, Rangel and Waters would be making a mistake to follow their initial impulse to blame the Republicans for the racist assault, as the accompanying article shows (see p. 30).

36 National EIR August 13, 2010

LaRouche Youth Movement Congressional Campaigns Drive for NAWAPA Now!

by Harley Schlanger

In his last two appearances on the La-Rouche PAC-TV Weekly Report (*EIR*, Aug. 6, 2010; and this issue, p. 13), Lyndon LaRouche has presented what properly can be described as the equivalent of a Presidential address to the American people.

As the already-collapsed financial system barrels toward complete disintegration over the next two months, as LaRouche has forecast, President Barack Obama has been on a manic flight-forward destructive path, lying that he has "saved" the financial system, and is now creating millions of new jobs. With the numbers of those Americans who believe him plummeting, and with the approval rating for the Congress falling in polls toward single digits, La-Rouche has stepped in to fill the role, which should be taken by the President.

This has been reinforced in the organizing drive of the three campaigns for Congress of leaders of the LaRouche Youth Movement (LYM), who are mobilizing to

bring the American people into battle-ready condition, to rebuild the nation in the soon-coming post-Obama era.

In his appearances on the LPAC Weekly Report, La-Rouche is serving two functions. First, it is essential that the American people be told the truth about the actual state of the economy. Although there is great nervousness expressed in comments from the likes of Federal Reserve chairman Ben Bernanke, who is warning of great "uncertainty," or from the financial pundits, who say that the "data"—which is highly unreliable, as it are mostly a statistical fiction produced by rigged computer programs—"may suggest" a "double-dip recession," no one, other than LaRouche, is prepared to face reality. With his impeccable forecasting record,



LPAC video

Rachel Brown, who is running for Congress in the Democratic primary in Massachusetts against "Bailout" Barney Frank, is inspiring constituents with Classical music and a fight for the future, based on LaRouche's recovery policies.

LaRouche's credibility is now broadly acknowledged, including by leading economists, as well as by a growing section of the population, which no longer trusts politicians, or media commentators and talking heads.

Second, as more people become desperate, with unemployment, foreclosures, bankruptcies, and all categories of debt continuing to rise at alarming rates, the mood of the population shifts erratically, between explosive anger and deep demoralization. This is typical of a mass-strike process, as growing numbers reject the lies they are being told, but do not yet know what to do. Without calm leadership, which provides solutions to the crisis, and organizes the people to fight for these solutions, it is likely that we are living in the last days of the American Republic.

Three Steps to Recovery

In his two presentations, La-Rouche laid out a three-step solution to the present crisis. The indispensable first step is the removal of Obama from office. Second is the reimplementation of the Glass-Steagall regulatory principles, which would allow a reorganization of the present bankrupt system. With Glass-Steagall, the cleaning out of the toxic assets still on the books of, and traded by, banks and financial institutions, will be carried out.

This will open the way for the infusion of the Federal credit required to fund the construction of the greatest development project in history, the North American Water and Power Alliance (NAWAPA), which is the necessary third step presented

by LaRouche (see p. 4, for the Basement Team's report on NAWAPA).

In private discussion with associates, LaRouche emphasized that not only are these three steps essential to prevent the disintegration of the financial system, and the collapse of the planet into a Dark Age, but they are the unique answer to the problems faced by the tens of millions of Americans, who presently see themselves as victims of the Obama Administration's failed policies. This is not just a matter of creating jobs, through building necessary, productive infrastructure—which, of course, NAWAPA would do, on a scale beyond even that of President Franklin Roosevelt's Tennessee Valley Authority—but it provides the means by which those Americans can regain their dignity, by offering a multigenerational project, which will allow the presently unemployed, to intervene at the highest level, to transform the Biosphere.

As such, it is not merely a jobs program, or a water project, but becomes the entry point into the post-Obama era, in which mankind may undergo an "identity shift." Such a shift, from the present impotent anger, or despondent mood of the population, requires Presidential leadership, which LaRouche is now providing, with his weekly appearances.



LPAC video

Kesha Rogers (center), the Democratic Congressional candidate in the Texas 22nd C.D., has challenged her Republican opponent, Rep. Pete Olson, to join her call for the impeachment of Obama, and for saving NASA. So far, Olson has ducked.

Organizing for a Human Future

Backing up LaRouche's leadership are the three La-Rouche Youth Movement campaigns for Congress, which are moving into high gear, well before the traditional Labor Day campaign take-off. In each case, the campaigns have added to the ongoing, high-visibility organizing to remove Obama and restore Glass-Steagall, with initiatives to put NAWAPA in the forefront of political discussion, while generating the optimism in the population required to move beyond random motion.

In Boston, where Rachel Brown has so terrified incumbent Rep. Barney "Bailout" Frank, that he has opened a campaign office in Newton, in the heart of his district, for the first time, her campaign held a highly successful concert on Aug. 5 in Brookline, just outside Boston. In addition to inspiring those attending with the performance of Classical music, including songs composed by Robert Schumann, whose 200th birthday is being celebrated this year, the event sparked lively discussion of precisely the type needed to energize the voters (see http://rachelforcongress.com/ for a video of the event). The primary is scheduled for Sept. 14.

Much of the discussion centered on the question of

88 National EIR August 13, 2010



LPAC video

In California, Summer Shields' (shown here in Oakland) write-in campaign against House Speaker Nancy Pelosi is drawing blood, by exposing Pelosi's role in promoting the racist attacks on African-American Congressional leaders Maxine Waters and Charlie Rangel.

why Brown sponsored a Classical music concert as part of her campaign: Many asked, "Why mix politics and culture?" Rachel answered this question in her short presentation, when she spoke of how she is backing NAWAPA, which takes up the same question that is implicit in much of the great Classical repertoire of Bach, Mozart, Beethoven, and Schumann: the nature of man, and why we must act for the future, for our immortality.

Organizers of the event reported that even those who came for the music alone, and not the politics, were moved by Brown's impassioned speech. There could be no greater contrast between her appeal to them to act for the future, and her opponent's support for such measures as legalization of marijuana and online gambling, the appeal to degenerate momentary pleasures, which is totally consistent with the other part of Barney Frank's public record, his full support for bailouts, and his opposition to Glass-Steagall.

Likewise, Kesha Rogers, who is the Democratic Party nominee for the 22nd Congressional District in Texas, has challenged her opponent, incumbent Republican Rep. Pete Olson, to drop his defense of Obama and join her in saving NASA and building NAWAPA. Once again, Olson failed the test, at a town meeting on Aug. 5, when he responded to calls from the audience to back Rogers' call for Obama's impeachment, by ducking, as

usual. Rogers' campaign is circulating a statement in which she accuses Olson of making a deal with Obama: Instead of fighting to expand NASA's mandate, with a full commitment to manned space exploration and colonization of the Moon and Mars, he is asking Obama for a piddling amount of funds to help place fired NASA scientists and engineers in non-existent jobs (for Rogers' statement, see her website, http://keshaforcongress.com/).

Challenging Pelosi's Racist Agenda

In California, LaRouche Youth Movement leader Summer Shields has been escalating his write-in campaign against House Speaker Nancy Pelosi, challenging her, especially for her racist, anti-Constitutional assault against U.S. Representatives Charlie

Rangel (D-N.Y.) and Maxine Waters (D-Calif.). Shields identifies Pelosi as being at the center of an operation based on the old method of racial targeting used by the perverse former FBI Director J. Edgar Hoover, called "Operation Frühmenschen," to remove African-American leaders who are vocal opponents of elements of Obama's fascist policies (see http://summerforcongress.com/ for his statement).

Shields is also taking the point on NAWAPA, as California is a state which has the most to gain from its implementation, as well as an historic record for economic growth, which can fuel expansion of the entire nation's economy. He is taking this plan to the large ethnic communities in his district, which include Chinese and Russian Americans, showing them how NAWAPA can link up with major infrastructure projects across the Pacific, through the Bering Strait tunnel project.

In each case, the LaRouche candidates are providing their constitutuents, as well as those who are watching nationally, the kind of Presidential leadership which is seen coming from Lyndon LaRouche. At this moment, when the entire world depends on the dramatic change embodied in the adoption of LaRouche's program for the United States, these campaigns are acting as an extension of that Presidential leadership.

Obama Sabotage Defeated

Congress Defends U.S. Space Exploration

by Marsha Freeman

Aug. 3—Rising above party politics and parochial interests, both the House of Representatives and the Senate have handed a resounding defeat to the White House; to an Administration that asserts in private that the space program is a "waste of money."

The Congress has declared its intention to halt the destruction of the nation's leading science and exploration capability. But only with President Obama removed from the White House, will there be the possibility to embark on the multi-decade exploration of space that this country and the world require.

Over the past year, Congress has been battered into approving President Obama's health-care "reform," which will lead to the premature and unnecessary deaths of America's most vulnerable citizens; and a financial "reform" bill that condones the growth of the financial cancer that is destroying the U.S. economy.

But when the President proposed on Feb. 2, that the United States, *as a nation*, end it 50-year commitment to grand accomplishments in manned space exploration, the Congress refused to acquiesce to an outright cancellation of the nation's future.

The President proposed to end the Constellation program, which would develop a new crew vehicle and

family of rockets to bring astronauts to the International Space Station and then, later, to the Moon. Instead, the White House proposed, the country would bet the farm that the "free" market, ironically, heavily subsidized by Federal funds, would do the job.

NASA's commercial space "guru," deputy administrator Lori Garver, has claimed that the Senate's NASA budget bill is a good compromise, which "keeps intact the most important parts of the President's plan." In fact, both the House and Senate bills assert that, no

matter what new space entrepeneurs may or may not develop, the *nation* will have a space exploration program, it will be funded, and future generations will benefit from it.



President Obama's determination to shut down the manned space program has been under attack since Day One. Now, Congress has acted to rebuff this treason. Shown: A NASA astronaut works on the International Space Station, May 2010.

A Stinging Defeat

Bills to authorize NASA's programs for fiscal year 2011, beginning Oct. 1, have passed both the House and Senate authorizing committees. The full House vote will take place in September; then, the House and Senate bills must be resolved in conference.

But Congress is not sitting and waiting. According to Sen. Kay Bailey Hutchison (R-Texas), ranking member of the Senate Committee authorizing NASA's budget, even though neither chamber has passed the NASA budget, "We are already working with the House leaders to reconcile the two versions of NASA legislation," the *Houston Chronicle* reported on Aug. 1. If there is not a Federal budget for FY2011

come Oct. 1, but NASA's authorization and appropriation bills have passed, even under a Continuing Resolution, NASA would be funded at the new, higher level.

More importantly, if uncertainty about the future of NASA is eliminated, and the Obama "reform" policy is universally defeated, many of the hundreds of aerospace workers who have been laid off, in the Administration's attempt to do an end-run around Congress by

40 National EIR August 13, 2010

beginning to shut down the Constellation program, can quickly be re-hired, before this talent pool disappears.

The differences between the two bills are in the details, not in principle.

Both bills continue development of the Orion crew vehicle, to take astronauts to Earth orbit, and beyond. Both authorize the development of a heavy-lift rocket to go beyond Earth orbit, to begin development *now*. Both bills insist that Space Shuttle assets, and hardware developed for the Constellation program, be the basis of the continuing exploration program.

Both bills seriously cripple the Administration's "commercial" space subsidies, and propose numerous restrictions and caveats for any future private sector crew transport. Both bills add one additional Space Shuttle mission to service the space station, which itself is extended to 2020, and preserve the Shuttle workforce for as along as possible.

There will be no "reform" of NASA, to destroy a nationally-supported, multi-generational, missionoriented frontier exploration program.

'Let Us All Live the Dream'

This action by the Congress was no emotional rush to judgment, despite complaints by some Representatives that they were taken by surprise. The Obama plan has been under constant attack since day one.

Nearly two dozen hearings were held in the House alone, to give the Administration an opportunity to defend its plan, and to hear from retired astronauts and aerospace and safety experts. Former Apollo mission commanders Neil Armstrong, Gene Cernan, and Jim Lovell characterized the proposed NASA "reform" as a "slide toward mediocrity."

Despite the best efforts of the White House to pit one NASA center, and, therefore, one Congressional district, against another, this effort failed. In fact, there was only one instance where voices were raised, during the months-long debate—and that was a fight among those who wanted the legacy of the Space Shuttle program to be located in *their* district!

This was not an argument over whether Houston or Huntsville would suffer the most layoffs. Or whether monies slated for NASA's Goddard Space Flight Center in Maryland should instead be sent to the Kennedy Space Center in Florida.

During the July 22 discussion of the bipartisan NASA authorization bill, the most passionate debate in the House Science & Technology Committee involved

the disposition of the orbiters *Endeavour* and *Atlantis*, when the Space Shuttle fleet is retired next year. *Discovery* is already slated to go on exhibit at Washington's National Air & Space Museum.

Oregon Democrat, Rep. David Wu, who has *no* NASA or space program workers in his state, much less his district, objected to language in the draft bill that gave preferential treatment to communities with an "historical relationship with either the launch, flight operations, or processing" of the Shuttle, to obtain a retired orbiter. Cynics had predicted that since there is large representation from Texas and Florida on the Committee, Houston and the Kennedy Space Center would get special consideration, and that the amendment to level the playing field to obtain an orbiter, would fail. It passed by an 18-14 vote.

Motivating the amendment, Wu stated that although his state did not have the "opportunity to work on the Shuttle in the first place," there is great support for the space program in his state, and that people visiting a Shuttle orbiter in a near-by museum would be able to "have some participation in this dream" of space flight.

Rep. Charlie Wilson (D-Ohio), a co-sponsor of the amendment, added that Dayton, as the birthplace of flight, and home of the Wright Brothers, should have a fair shot at a retired orbiter. It was pointed out that no city should get preferential treatment, because "every single living human being has gained from the space program."

Although this provoked emotional responses from representatives whose districts include thousands of Shuttle workers, Rep. Brian Baird (D-Wash.), also from a non-NASA state, summed up the sense of the majority of committee members, and most Americans. Recently, he said, he took family members to visit the National Air & Space Museum. "Seeing the Mercury and Gemini capsules," Baird said, "takes my breath away."

The Obama "reform" of NASA is dead. Much of what still exists will be preserved.

But while this is a victory, in beating back an attempt to destroy what Americans have been most proud their country has accomplished over the past 50 years, it in no way puts the nation on a path to go beyond the bounds of what has already been done in exploring space.

That will take a change of personnel and policy in the White House, and an economic policy based on investments in great infrastructure projects, science, and technology.

International

Long-Term Planning for A Post-War Afghanistan

by Ramtanu Maitra

Aug. 5—Unless President Obama just cannot hear or face reality, he should realize by now that it is Summer of 2010, and whatever inspired the nine years of bloodspilling in Afghanistan, that the war is over. What remains is more killing of Afghan civilians, and American soldiers who were led to this vast killing field, to kill in order not to be killed. Throughout these nine years of war, the pretext presented to the American people, and others, was that it is a "war of necessity" to rid Afghanistan of terrorism and stabilize that country. We knew at the beginning, as we know now, that nothing could be further from the truth.

And yet, after all these years, nothing is coming out of the staffed- (or stuffed-) to-the-gills White House which could provide a clue to what the United States must do now to bring hope to the next generation of Afghans, and thus, relate itself to the region, no longer as a force committed to destruction, but as an active collaborator in achieving stability and building a future. It is evident that, this would require comprehensive cooperation among the major nations, such as Russia, China, India, and the United States.

As far as Washington's Af-Pak policy goes, it is urgent to set the ball rolling immediately in this direction, and not to remain in a paralyzed state, pondering for years to come, how to "save face" in the retreat from Afghanistan, while the killing goes on and opium traffickers continue to destroy youth people around the world. What has been floated so far, however, through

former Bush colleague and neocon Robert Blackwill, and the British colonial ideology-imbued former UN deputy special representative for Afghanistan, Peter Galbraith, is nothing but the old colonial "solution," which is to break up Afghanistan, this time along the Pushtun and non-Pushtun ethnic divide.

However, the good news is that the Afghans do not approve of that "solution," and a senior Pakistani journalist pointed out recently that Uzbek-Afghan warlord Abdur Rashid Dostum has threatened to "slit the throat" of anyone promoting such an idea.

If the White House could focus on the realities, Washington would commit itself to two objectives, with cooperation of regional powers, which must include Russia, China, India, Iran, the Central Asian nations, and Pakistan. These objectives are: driving the international opium traffickers and their patrons out of Afghanistan, and building the foundation for Afghanistan's almost non-existent mining and manufacturing sectors, in tandem with its once alive, but now dilapidated, agricultural sector.

Lies About Opium, on Whose Behalf?

Many, if not most, people in the United States who claim to know about such things, boldly declare that opium growing was always a major activity of Afghan farmers. Such statements are downright lies. Opium production in Afghanistan never, even in the most chaotic days that prevailed in that country, never exceeded

42 International EIR August 13, 2010

UZBEKISTAN TAJIKISTAN TURKMENISTAN Jawzjan Kunduz Takhar Balkh Panishii Nuristar Kapisi Barryan Legend Expected cultivation levels Poppy free Insignificant Chazn Paktya Khosi Low High Very high International boundary Provincial boundary PAKISTAN IRAN 1Km 50 100 200 300 Geographic Projection Datum:

FIGURE 1 Expected Opium Poppy Cultivation Levels (by Province), 2010

Source: UNODC, Afghanistan Opium Rapid Assessment Survey, 2010.

a few hundred tons a year, until the Soviet Army invaded in 1979. In fact, in 1957, Afghanistan issued an opium ban. In 1958, the UN General Assembly praised Afghani efforts at eradicating the opium crop, and urged UN members to provide assistance to the country. The aim was to provide foreign support in lieu of opium sales, and Afghanistan received a great deal.

According to historian Alfred McCoy,¹ "since the sixteenth century, when recreational opium eating was first developed, Central Asia had been a self-sufficient drug market. In fact, up until the late 1870s, tribal farmers in the highlands of Afghanistan and Pakistan grew limited quantities of opium and sold it to merchant caravans bound west for Iran and east to India." In 1870,

along the North West Frontier Province (NWFP—now renamed by Islamabad as Khyber-Pakhtunkhwa) border of Afghanistan, 1,130 acres were cultivated for opium. During the colonial era, Britain encouraged opium cultivation throughout its provinces in India. However, the U.K. government later reversed its approval of opium cultivation in the NWFP because the opium economy became divisive and contributed to the Pushtun warriors' resistance to British rule.

To fund the Afghan mujahideen groups resisting the Soviet Army, the United States covertly provided \$2 billion for military aid through the Pakistani Inter-Service Intelligence (ISI) agency, on top of a formal \$3 billion aid package for Afghanistan. The ISI was responsible for distributing weapons to Afghan resistance groups. One of the mujahideen leaders, Gulbuddin Hekmatyar, received over 50% of the arms transported to the region.

August 13, 2010 EIR International 43

^{1.} Alfred W. McCoy, *Interplay of CIA Covert Warfare & the Global Nar-*cotics Traffic, 2002; and McCoy, *The Politics of Heroin: CIA Complicity in the Global Drug Trade* (Chicago: Lawrence Hill Books, 2003).

According to Lt. Col. Hubert E. Bagley, Jr.2: "In addition to U.S. support, Hekmatyar trafficked illicit opium to finance his resistance against the Soviets and as a way of increasing his power over other Afghan commanders. Hekmatyar's dominance in the region led other mujahideen commanders to participate in the trade of illicit opium to finance their fight as well, and contributed to Afghanistan's socioeconomic and political dependence on opium. Afghan commanders controlled the agricultural regions of the country and forced farmers to grow opium poppies, which doubled the country's opium harvest to 575 tons between 1982 and 1983. Pakistan's complicity in the opium trade was apparent even in 1980, since sixty percent of the heroin market in the U.S. was from Afghan opium refined in Pakistan. By the time the Soviets withdrew from Afghanistan in 1989, Afghan warlords were well established in the production and trade of illicit opium. That same year the United Nations Office on Drugs and Crime recorded Afghanistan's opium production at 1,570 tons, more than double 1983's harvest."

The U.S. invasion of Afghanistan to "smoke out Osama bin Laden," a phrase used by former President G.W. Bush to explain the invasion to the American people, took place in 2001. That year, Afghanistan's opium production was only about 500 tons, which was a sharp plunge from the 4,200 tons the year before. The drop occurred because the Taliban leaders in power cracked the whip.

Once the foreign troops got inside Afghanistan in 2001, and started battling the Taliban and al-Qaeda, opium production zoomed. For instance, in 2005, after the British troops took over southern Afghanistan, the most "fertile" ground for growing poppy, opium production exploded. The annual figures released by the UN Office on Drugs and Crime show that production of opium in Helmand and Kandahar provinces alone soared to almost 4,500 tons in 2007, the year that Afghanistan, breaking the previous record set in 2006, produced 8,200 tons. Now, one may ask: Were Afghan farmers traditionally dependent on opium production, or was it the foreign warriors, who came to exorcise the Devil from Afghanistan's body and soul, who were responsible for the opium explosion?

If we accept the fact that the Afghan farmers were

not previously dependent on growing poppy, and had a pretty decent agricultural sector that was destroyed by war and the historical promoters of opium, it will not be that difficult to eradicate opium and work towards developing a decent agro-industrial sector in Afghanistan. Simply put, if Britain is kept out of any form of participation in Afghanistan, the scourge of opium will eventually vanish.

On June 9-10, 2010, an international forum entitled "Afghan Drug Production: A Challenge to the International Community," convened in Moscow and addressed the devastation caused by the Afghan opium explosion in the post-2001 years. At that forum, Viktor Ivanov, the director of Russia's Federal Service for the Control of Narcotics, articulated the Kremlin's case for why Afghan drug production is an international, rather than a local or regional, threat. "The time has come to qualify the status of Afghan drug production as a threat to world peace and security," Ivanov said.

Afghan Agriculture

At the same time, it should be evident that Afghanistan cannot remain simply an agricultural nation, although it must use all its land and skill to become food secure. It must also exploit its vast mineral resources to establish small and medium-sized industrial enterprises, to manufacture immediately the tools and equipment that are associated with high-productivity modern agriculture. For Afghanistan, which sits on an East-West crossroads, it is imperative that it have an agricultural sector that will sustain its growing population. Anything else will keep it as a cockpit, where wars will be fought and Afghans will die.

The most fundamental benefit of a successful modern agricultural sector lies in what it builds into the nation. To begin with, such an agricultural sector requires power, water, sufficient manpower, development of agro-industries, and a transportation network throughout the country. A successful agricultural sector needs concerted efforts, and if the importance of the agricultural sector is fully understood, and developed in-depth, it acts as a shield against external manipulation. The process itself develops skilled manpower.

Basic agricultural institutions include research and extension services that create agronomists who live in the country, and work to develop high-yield varieties of seeds and to improve undernourished land. Development of water resources, which includes irrigation and water supply to the agro-industries and the population in

44 International EIR August 13, 2010

^{2.} Lt. Col. Hubert E, Bagley, Jr., U.S. Army, "Afghanistan: Opium Cultivation and Its Impact on Reconstruction" (Carlisle Barracks, Penn.: U.S. Army War College, May 2004).



UN/Jawad Jalali

Construction workers in Kabul, September 2008. Building up the country's agricultural sector and developing the mining industry will require construction of basic infrastructure, from electric power plants, to rail and water transportation, to water management.

general, produces engineers and technicians who build dams, canals, and flood plains. These acts themselves protect soil, the land, and the environment in general.

Afghanistan's agricultural sector needs development of bulk transportation, preferably a railroad network. However, the rough Afghan terrain means that the initial transportation network will have to be based on roads. However, n the southern part of the country, in the highly fertile lands of Dasht-e-Khas, Dasht-e-Margow, and the Rigestan plains butting against Iran, an extensive railroad network can be developed, to facilitate interaction between agricultural lands and urban centers. The agricultural sector will also require agro-machinery, such as tractors, harvesters, and hoeing machines. The manufacturing and maintenance of such machinery will introduce industries that will help train skilled workers and technicians. In addition, a well-fed population will be more productive and healthy, and, over the years, more diverse in its pursuit of future options.

During the last nine years, and another twenty years of wars that engulfed Afghanistan just prior to the U.S. invasion in 2001, one area in which foreign investment could have benefitted the Afghan people enormously, if it had been plentiful and efficiently managed, is agriculture. Spean Jan Lalahand, lecturer and member of the Faculty of Agriculture at the University of Kabul, says that in the last eight years, agriculture has not been a development priority for the Afghan government. This,

he says, explains why no agricultural project has been successfully implemented in the country.

According to Mohammad Ramin Atiqzad, secretary general of the Central Statistics Office of Afghanistan, 80% of Afghans depend on farming as their main source of livelihood. And Deputy Minister of Agriculture Saleem Khan Kunduzi reports that much of the arable land in Afghanistan is now unused. Of this fallow land, 2.1 million hectares are irrigable and 1.5 million are rain-fed.

Industrial Potential

M. Ashraf Haidari, the deputy chief of mission and political counselor at the Embassy of Afghanistan in Washington, wrote that the recent discovery of nearly \$1 trillion in min-

erals in Afghanistan by the U.S. Defense Department was neither "recent" nor a "discovery." His June 30 article, "Help Afghanistan help itself to mine mineral resources," was published in the U.A.E.-based *The National* news magazine.

According to Paul A. Brinkley, U.S. deputy undersecretary of defense and director of Task Force Business and Stability Operations, Afghanistan has significant deposits of copper, iron ore, niobium, cobalt, gold, molybdenum, silver, and aluminum, as well as sources of fluorspar, beryllium, lithium, and other resources.

Brinkley's team was tasked to evaluate the state of Afghanistan's economy. "When I first visited Afghanistan," he said, "I did not anticipate there being wealth opportunity there that would enable this kind of development to take place in any term" (quoted by Army Sgt. 1st Class Michael J. Carden, "Mineral Resources Could Give Afghans New Hope," American Forces Press Service, June 15, 2010).

Also quoted by Carden was Jack Medlin, a geological specialist on the region with the U.S. Geological Survey International Program, has been working with Afghan mine ministry officials to help them deal with their mineral resources. Afghanistan has about 60 deposits, he said, noting that around 20 have great potential to boost the country's economy. Also, at least 70% of the country's mineral resources have yet to be identified, he explained, pointing out that his organization

only provides the scientific data, not development of the mines.

"The mineral resources of Afghanistan are basically scattered all over the country," Medlin said. "Once we work with them to identify the places, and we gather the scientific and technical data necessary for development, then that work is handed off to the Afghan government and the Afghan people basically, to develop those resources in an environmentally sound way.

"Artisanal (small scale) mining in that country has gone back centuries, mostly focused on things like gold in various places," he said. "But the country—what it faces going forward—is developing a mining culture basically at a very large mine scale. And I guess I fully believe that the Afghans are fully capable of handling that, given some time to develop the expertise."

What should be key in developing Afghanistan's mining industry is to build the basic infrastructure—power, bulk transportation, water for industrial, commercial, and domestic use, and communication—to make it a success. Since these mineral reserves are spread all around, that also provides an opportunity to set up institutions to train people throughout the country, cutting across ethnic backgrounds. A large population of Pushtuns have settled over the centuries in northern and western Afghanistan, where other ethnic groups such as Uzbeks, Tajiks, Hazaras, among others, are the dominant ethnic groups.

By setting up the institutions, which include technical schools, engineering facilities, and R&D facilities, a large number of Afghans could be trained to utilize these mineral reserves for developing a viable manufacturing sector. The prime objective of that manufacturing sector, to begin with, will be to supplement the agriculture sector. In this context, both China and India, which have developed strong manufacturing sectors, will be of immense help. The involvement of regional nations in Afghanistan, engaged in its mining and industrial sectors, will also bring in foreign investors, who can play a significant role in helping Afghanistan meet this objective.

Regional Initiatives

Heads of state of Iran, Afghanistan, and Tajikistan, meeting on Aug. 5 in Tehran, issued a declaration stating that "the three countries urged for the implementation of the previously agreed documents on transit cooperation and trade and energy developments." Tajik President Emomali Rahmon recommended establishing a railway

that will link the three countries, and thence, to China's railway as well. The suggestion was welcomed by Iranian President Mahmoud Ahmadinejad.

In July, M. Ibrahim Adel, Afghanistan's minister of mining, met with Abdul Rahim Ashur, minister of transport and communication of Tajikistan. Adel briefed the Tajikistan delegation on the Aynak copper project, which has contracted with China to extract copper ores in northern Afghanistan. He said that "a part of the Aynak project would be to extend the railway from the Amo Darya [the river that separates Afghanistan from Tajikistan] to Torkham [bordering Pakistan]; the other parts of the railway would be in Pakistan and China, that connect middle Asia to the Indian Ocean in Karachi in Pakistan and Bandar Abbas in Iran."

But the crux of the problem lies with the Obama Administration's "self-obsessions" about Afghanistan, as pointed out by Sun Zhuangzhi, a research scholar with the Shanghai Cooperation Organization Research Center of the Chinese Academy of Social Sciences, in his March 24 article in *China Daily*. Sun, expressing his concern over the Obama Administration's Af-Pak policies, said, "It is clear that the U.S. would like to maintain its influence over Afghanistan even after withdrawing its troops, no matter when that happens. Which means it would not allow regional powers such as China to play a greater role in Afghan affairs."

At a July 20 conference in Kabul, attended by senior officials of 70 countries, Russian Foreign Minister Sergei Lavrov noted the importance of recognizing Afghanistan's future "neutral status," which would preclude any sort of permanent foreign military presence in the country. "The restoration of the neutral status of Afghanistan is designed to become one of the key factors of creating an atmosphere of good-neighborly relations and cooperation in the region," the minister said. "We expect that this idea will be supported by the Afghan people. The Presidents of Russia and the U.S. have already come out in favor of it." Meanwhile, Russia will continue working with its international partners to equip Afghan security forces with the necessary military equipment, Lavrov told the delegates.

Lavrov also said that a scheduled August meeting of the Presidents of Russia, Afghanistan, Pakistan, and Tajikistan in the Russian city of Sochi will help develop cooperation in the region. "The development of efficient regional cooperation in order to settle Afghanistan's problems is a priority," the Russian foreign minister said.

46 International EIR August 13, 2010

No to the 'Clash of Civilizations'!

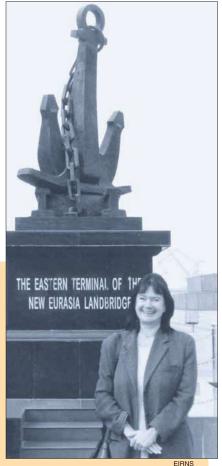
The Anglo-American financier oligarchy is trying to unleash a "Clash of Civilizations," to block the vast potential for Eurasian development. Instead, the Western powers should join in the great project of the new millennium, the Eurasian Land-Bridge.

The Eurasian Land-Bridge

The 'New Silk Road'—locomotive for worldwide economic development

including studies of:

- High-technology infrastructure development corridors
- China and Europe as Eurasia's development poles
- Crucial infrastructure projects in China
- The Eurasian Land-Bridge and development around the great ocean basins
- Financing an economic miracle: Hamiltonian credit generation
- The Eurasian Land-Bridge and the economic reconstruction of the **United States**



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



A special report from **Executive Intelligence**

260 pages \$50

EIR News Service

P.O. Box 17390 Washington, D.C. 20041-0390 Phone (toll-free): 1 800-278-3135 ORDER ONLINE at www.larouchepub.com

Editorial

Time for a Memorable Celebration

It was 9 P.M., EDT, that Thursday evening, Aug. 8, 1974, when the 37th President of the United States, Richard M. Nixon, addressed the nation from the Oval Office. Declaring that, "I no longer have a strong enough political base in the Congress to justify continuing" in his term in office, Nixon announced that he was putting "the interest of America first," and resigning from the Presidency effective at 12 noon the following day.

While the incoming Ford Administration did not have the power, or the guidance, to make the revolution in economic policy, which required a clean break with the Nixon regime, and a return to the American system, Nixon's resignation was, nonetheless, a cause for celebration. A crook had left office without tying up the Congress with an impeachment fight. He did what the party elders told him he had to do, for the sake of the country.

Isn't it time that the same message were delivered to President Obama, in terms that he can and will not refuse?

Now, in the second week of August 2010, the need to remove Obama is at the top of our strategic agenda. This British puppet is the main block to the urgent measures that have to be taken to prevent our plunging into an unstoppable New Dark Age—Glass-Steagall, and the NAWAPA project, as LaRouche has defined it. On top of that, his remaining in office, as the failed President he is, makes it virtually impossible for competent members of the Administration, and other governments, to prevent the British from blowing up the world strategically, as in the Iran and North Korea situations.

The good news is that the political situation required for Obama's removal is now ripe. His Neronic ego-mania, which the press so delicately

portrays as "tone-deafness," is setting him up for the fall. Start with the fact that his "Ethics" apparatus has decided to target two of the feistiest members of the Black Congressional Caucus, at the same time. This stupidity is creating a backlash in the black community, which will only escalate. The eloquent but biting speech given by target Rep. Charles Rangel on the floor of the Congress Aug. 10 is just the leading edge of a national revolt. One can expect that Rep. Maxine Waters, with her record of bold opposition to Administration economic policies, will also provide a rallying point of resistance.

Then, there is Michelle Obama's "royal" visit to Spain, where she earned the sobriquet "Marie Antoinette" for her lavish spending. Even if every penny of "personal" expenses is paid by the First Lady and her entourage of "close friends," taxpayers are still stuck with more than a quarter of a million dollars just for use of Air Force Two and her 68-person security detail.

Hundreds of articles and blog postings continue to nail Michelle Obama's flaunting her personal indulgence in the most luxurious of resorts, while the overwhelming majority of Americans are suffering, and facing a no-future existence.

Of course, the question of the removal of this Presidency is not just a matter of image. He has committed horrible crimes against the Constitution, through his Hitler-like economic policy, pursuit of a no-win war which benefits the drug-pushers, and violation of civil liberties—crimes which, if permitted to play out, will lead to the destruction of the United States. While these crimes merit impeachment, the imminence of the crisis demands immediate action. It is time for Obama to be removed—peacably, but definitively—right now.

48 Editorial EIR August 13, 2010

See LaRouche on Cable TV

INTERNET

- BCAT.TV/BCAT Click BCAT-2 4th Fri: 10 am (Eastern Time)
- LAROUCHEPUB.COM Click
- LaRouche's Writings. (Avail. 24/7) LA36.ORG Click on The LaRouche Connection. Select desired show.
- MNN.ORG Click Watch Ch.57 Fri: 2:30 a.m. (Eastern Time)
- QUOTE-UNQUOTE.COM Click on Ch.27. Tue. 6 pm (Mtn.)
- SCAN-TV.ORG Click Scan on the Web (Pacific Time). Ch.23: Wed. 7 am Ch 77: Mon 11 am
- WUWF.ORG Click Watch WUWF-TV. Last Mon 4:30-5 pm (Eastern)

INTERNATIONAL

THE PHILIPPINES

MANILA Ch.3: Tue 9:30 pm

ALABAMA

UNIONTOWN

GY Ch.2: Wed, Thu, Fri: 6 am

ALASKA

ANCHORAGE GCI Ch.12: Thu 10 pm

CALIFORNIA

- CONTRA COSTA
- CC Ch.26: 2nd Tue 7 pm COSTA MESA
- TW Ch.35: Thu 5:30 pm
- LANCASTER/PALMDALE TW Ch.36: Sun 1 pm
- **ORANGE COUNTY** TW Ch.95/97/98: Mon 3 pm
- SAN FRANCISCO CC Ch.29: 2nd & 4th Sat 9 pm

COLORADO

DENVER CC Ch.56 Sun 10 am

CONNECTICUT

- GROTON CC Ch.12: Mon 5 pm NEW HAVEN CC Ch.27: Mon &
- Wed: 6 am; Sat: 6 pm **NEWTOWN CH Ch.21:**
- Mon 12:30 pm; Tue: 6 pm NORWICH CC Ch.14: Tue 8 pm
- SEYMOUR CC Ch.10: Tue 10 pm

DISTRICT OF COLUMBIA

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

FLORIDA

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

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

IOWA

QUAD CITIES MC Ch.19: Thu 11 pm

KENTUCKY

- BOONE/KENTON COUNTIES IN Ch.21: Sun & Tue: Midnight
- JEFFERSON COUNTY IN Ch.98: Fri 2-2:30 pm

LOUISIANA

ORLEANS PARISH CX Ch.78: Sun 11 pm; Mon 5 pm; Tue 4 pm; Thu 12:30 pm; Fri 12:30

MAINE

PORTLAND TW Ch.2: Tue 10 pm; Thu 1 am; Sat Noon

MARYLAND

- ANNE ARUNDEL CC Ch.99; FIOS Ch.42: Tue & Thu: 10 am; Fri & Sat: midnight
- P.G. COUNTY CC Ch.76 & FIOS Ch.42: Mon 10:30 pm, Thu 11:30

MASSACHUSETTS

- CAMBRIDGE CC Ch.10: Tue 2:30 pm; Fri 10:30 am
- FRANKLIN COUNTY (NE) CC Ch.17: Sun 8 pm; Wed 9 pm; Sat 4 pm
- GREAT FALLS CC Ch.17: Irregular
- QUINCY CC Ch.8: Pop-ins.
- WALPOLE CC Ch.8: Tue 1 pm

MICHIGAN

- BYRON CENTER CC Ch.25: Mon 1 & 6 pm
- KENT COUNTY
- CC Ch.25: Mon 6:30 am KENT COUNTY (South)
- CC Ch.25: Wed 9:30 am LAKE ORION
- CC Ch.10: Irregular
- LANSING CC Ch.16: Fri Noon
- LIVONIA BH Ch.12: Thu 3 pm
- MT. PLEASANT CH Ch.3:
- SHELBY TWP CC Ch.20, WOW Ch.18, UV Ch.99: Mon 11 pm
- WAYNE COUNTY CC Ch.16/18: Mon 6-8 pm

MINNESOTA

- ALBANY AMTC Ch.13: Tue & Thu: 7:30 pm
- CAMBRIDGE
- US Ch.10: Wed 6 pm
- **COLD SPRING** US Ch. 10: Wed 6 pm
- COLUMBIA HEIGHTS
- CC Ch.15: Tue 9 pm
- DULUTH CH Ch.16: Irregular.
- Ch,29: Wed Midnight; Fri 1 pm
- MARSHALL Knology Ch.67: & CH Ch.35/8: Sat. 8:30 am
- MINNEAPOLIS CC Ch.16: Tue 11 pm
- MINNEAPOLIS (N. Burbs) CC Ch.15: Thu 11 am & 6 pm
- NEW ULM CC Ch.14 & NUT Ch.3: Sun 6 am, Tue 9 pm
- **PROCTOR**
- MC Ch.7: Tue after 5 pm.
- ST. CLOUD CH Ch.12: Mon 5 pm
- ST. CROIX VALLEY
- CC Ch.14: Thu 1 & 7 pm; Fri 9 am ST. PAUL CC Ch.15: Wed 9:30 pm
- ST.PUAL (N.Burbs) CC Ch.21: Mon 7 pm, Tue 3 am & 11 am

- ST. PAUL (S&W Burbs) CC Ch.15: Mon, Wed, Fri 9 am
- SAULK CENTRE
- SCTV Ch.19: Sat 5 pm
- WASHINGTON COUNTY (South) CC Ch.14: Thu 8 pm

NEVADA

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

NEW HAMPSHIRE

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

NEW JERSEY

- BERGEN CTY TW Ch.572: Mon & Thu 11 am; Wed & Fri 10:30 pm
- MERCER COUNTY CC Trenton Ch.26: Irregular Windsors Ch.27: Irregular MONTVALE/MAHWAH
- CV Ch.76: Mon 5 pm
- PISCATAWAY FIOS TV Ch.40, CV Ch.15: Thu 11:30 pm UNION CC Ch.26: Irregular

NEW MEXICO

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

NEW YORK

- ALBANY TW Ch.18: Wed 5 pm.
- **BETHLEHEM**
- TW Ch.18: Tue 6 am BRONX CV Ch.70: Wed 7:30 am
- BROOKLYN 4th Friday: CV Ch.67: 10-10:30 am TW Ch.34: 10-10:30 am RCN Ch.82:10-10:30 am FIOS Ch.42:10-10:30 am
- BUFFALO TW Ch.20: Wed & Fri 10:30-11pm
- CHEMUNG/STEUBEN TW Ch.1/99: Tue 7:30 pm
- **ERIE COUNTY** TW Ch.20: Thu 10:35 pm
- IRONDEQUOIT
- TW Ch.15: Sun 10 am JEFFERSON/LEWIS COUNTIES
- TW Ch.99: Irregular MANHATTAN TW, RCN Ch.57/85, Verizon FIOS-TV Ch.35:
- Fri 2:30 am ONEIDA COUNTY TW Ch.99: Thu 8 or 9 pm
- PENFIELD TW Ch.15: Sun & Tue
- QUEENS: 4th Sat monthly 2 pm TW Ch.56, RCN Ch.85, Verizon FIOS-TV Ch.36
- QUEENSBURY TW Ch.18: Mon 7 pm
- ROCHESTER
- TW Ch.15: Irregular
- ROCKLAND CV Ch.76: Mon 6 pm

- **SCHENECTADY**
- TW Ch.16: Fri 1 pm; Sat 1:30 am
- STATEN ISLAND TW Ch.35: Tue 8:30 am & Midnight
- TRI-LAKES
- TW Ch.2: Sun 7 am, 1 pm, 8 pm
- WEBSTER TW Ch.12: Wed 9 pm
- WEST SENECA TW Ch.20: Thu 10:30 pm

NORTH CAROLINA

- HICKORY CH Ch.6: Tue 10 pm
- MECKLENBURG COUNTY TW Ch.22: Fri 12:30 am

OHIO

- AMHERST
- TW Ch.95: Daily Noon & 2 pm
- **OBERLIN Cable Co-Op**

Ch.9: Thu 8 pm PENNSYLVANIA

PITTSBURGH CC Ch.21: Irregular

RHODE ISLAND

- BRISTOL, BARRINGTON, WARREN
- Full Channel Ch.49: Tue: 10 am EAST PROVIDENCE
- CX Ch.18; FIOS Ch.24: Tue: 6 pm STATEWIDE RI INTERCONNECT CX Ch.13; FIOS Ch.32 Tue 10 am

TEXAS

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

VERMONT

- BRATTLEBORO CC & SVC Ch.8:
- Mon 6 pm, Tue 4:30 pm, Wed 8 pm GREATER FALLS CC Ch.10: Mon/Wed/Fri 1 pm

VIRGINIA

- ALBEMARLE COUNTY
- CC Ch.13: Sun 4 am; Fri 3 pm ARLINGTON CC Ch.69 &
- FIOS Ch.38: Tue 9 am CHESTERFIELD COUNTY
- CC Ch.17; FIOS Ch.27: Mon 1 pm FAIRFAX CX & FIOS Ch.10: 1st & 2nd Wed 1 pm; Fri 10 am; Sun 4 am. FIOS Ch.41: Wed 6 pm LOUDOUN COUNTY CC Ch.98 &
- FIOS Ch.41: Wed 6 pm
- ROANOKE COUNTY

CX Ch.78: Tue 7 pm; Thu 2 pm

- WASHINGTON KING COUNT CC Ch.77: Mon Noon
- BS Ch.23: Mon Noon TRI CITIES CH Ch.13/99: Mon 7

pm; Thu 9 pm

- WISCONSIN MARATHON COUNTY
- CH Ch.98: Thu 9:30 pm; Fri Noon MUSKEGO TW Ch.14: Sun 7 am, Mon & Thu:

5:30 pm SUPERIOR CH & MC Ch.7: Tue after 5 pm.

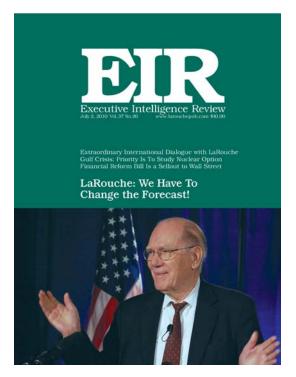
WYOMING GILLETTE BR Ch.31: Tue 7

MSO Codes: AS=Astound; BD=Beld; BR=Bresnan; BH=BrightHouse; BS = Broadstripe; CV=Cablevision; CB=Cebridge; CH=Charter; CC=Comcast; CX=Cox; GY=Galaxy; IN=Insight; MC=MediaCom; NUT=New Ulm Telecom; SVC=Southern Vermont Cable; TW=TimeWarner; US=US Cable; UV=AT&T U-Verse; FIOS=Verizon FIOS-TV.

Get The LaRouche Connection on your local cable TV system! Call Charles Notley 703-777-9451, Ext. 322. Visit our Website: www.larouchepub.com/tv. [updated Jan. 26, 2010]

SUBSCRIBE TO

Executive Intelligence Review EIR Online



EIR Online gives subscribers one of the most valuable publications for policymakers—the weekly journal that has established Lyndon LaRouche as the most authoritative economic forecaster in the world today. Through this publication and the sharp interventions of the LaRouche Youth Movement, we are changing politics in Washington, day by day.

EIR Online

Issued every Tuesday, EIR Online includes the entire magazine in PDF form, plus up-to-theminute world news.

I would like to subscribe to EIROnline (e-mail address must be provided.) \$\frac{\$360}{360}\$ for one year \$\frac{\$180}{120}\$ for four months \$\frac{\$90}{60}\$ for three months \$\frac{\$60}{60}\$ for two months	—EIR Online can be reached at: www.larouchepub.com/eiw e-mail: fulfillment@larouchepub.com Call 1-800-278-3135 (toll-free)
Name Company Address City State Zip Country Phone () E-mail address	EIR News Service Inc. P.O. Box 17390, Washington, D.C. 20041-0390 Please charge my MasterCard Visa