

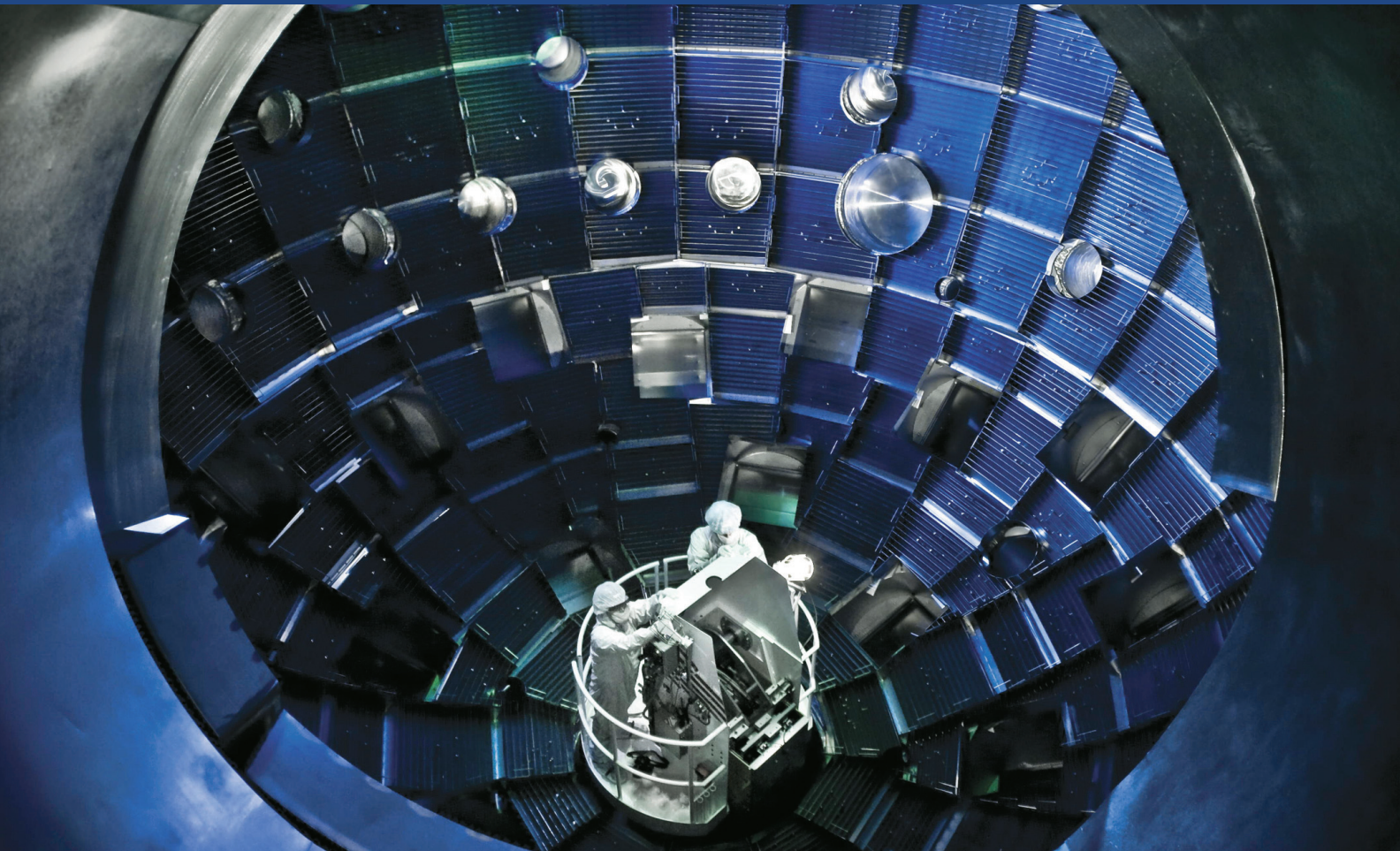
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Obama Escalation on Syria Would Be an 'Act of War'
Wall Street Bankers Scurry To Block Glass-Steagall
The Principle of the Future: Mankind Is No Beast!

The Nuclear-Thermonuclear NAWAPA XXI Great Project



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EIR

From the Managing Editor

The Principle of the Future” is the focus of this week’s issue, beginning with Benjamin Deniston’s “The Nuclear-Thermonuclear NAWAPA XXI,” the first part of a package to be issued by the LaRouchePAC Basement Research Team, developing the concept of increasing the energy-flux density in man’s power over nature, by “getting a grip on the future itself.”

The focus on the future is further elaborated in Lyndon LaRouche’s “Mankind Is No Beast!,” which is dedicated to his wife Helga on her birthday. A rise in energy-flux density, he writes, “is the proper choice of a theme-song of mankind’s prospective future.” Happy human beings, he avows, are those who welcome “the invasion of the future into their minds.”

Helga Zepp-LaRouche has her say as well, in her responses to questions posed during her July 27 webcast, “A New Economic/Cultural Paradigm Can Create a Beautiful Future for Mankind.” “What would be the new paradigm for the future today?” she asks. Look at the way in which Nicholas of Cusa “broke with the paradigm of the Middle Ages, and introduced the axiomatic thinking for modern times.”

If there were any doubt that a new paradigm is needed, the rest of our coverage should put those doubts to rest. “Obama Escalation on Syria Would Be an ‘Act of War,’” reports on the growing pressure from London and Washington to start yet another war in the Mediterranean/Southeast Asia region. Will we fall for the same lies to justify a war against Assad in Syria as those that were used against Saddam in Iraq? Only this time by Cameron and Obama, in the roles of Blair and Bush. “Sectarian War Flames Across Arab World,” confirms that “The Arab world is descending at breathtaking speed into a hell of sectarian religious wars.”

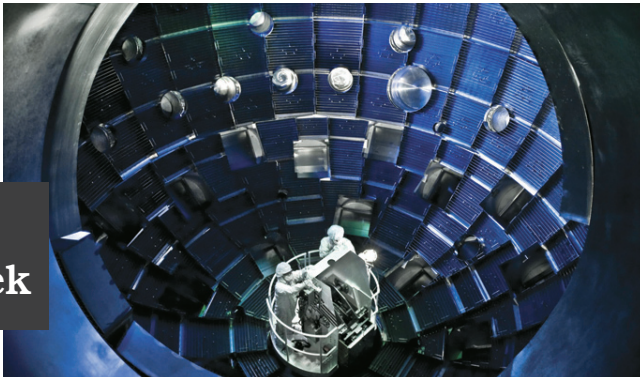
In *Economics*, “Wall Street Bankers Scurry To Block Glass-Steagall,” reveals that the top of the London-Wall Street banking establishment is deadly afraid of Glass-Steagall and will stop at nothing to crush it.

National updates the fight to force release of the suppressed 28 pages from the 9/11 Commission report dealing with the role of the Saudi royal family: “Florida Suit Could Rip Cover Off Anglo-Saudi Role in 9/11.”



Cover This Week

The target chamber of the NIF inertial confinement fusion research device at Lawrence Livermore National Laboratory.



LLNL/Philip Saltonstall

4 The Nuclear-Thermonuclear NAWAPA XXI

The updated North American Water and Power Alliance (NAWAPA XXI) provides the central pillar for saving the economies of the North American continent and beyond, securing water, food, and agricultural supplies for the three nations directly involved, but also securing a grip on the future itself. This program will have large-scale implications for key nations in Asia, and potential ramifications for the entire world. The first part of a package to be published by the LaRouchePAC Basement Research Team, under the title, “Increasing the Productivity of the North American Water Cycle: The Nuclear-Thermonuclear NAWAPA XXI.” By Benjamin Deniston.

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Economics

25 Wall Street Bankers Scurry To Block Glass-Steagall

Wall Street, the outpost for Anglo-Dutch finance in the United States, is in a panic mode, mobilizing all the assets at its disposal to try to kill the Glass-Steagall bill in both Houses of Congress.

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Brought by the Broward Bulldog news website and its founder Dan Christenson, the FOIA suit seeks the disclosure of FBI documents “concerning persons who may have provided aid and assistance to the terrorists in the days and years leading to the [9/11] attack.” No wonder the Administration has been stalling!

33 U.S.-China Military Ties Take Another Step Forward

Meeting in Washington, U.S. Defense Secretary Chuck Hagel and Chinese Minister of National Defense Gen. Chang Wanquan both described their discussions as fruitful, and as moving the U.S.-Chinese military relationship forward. The matter of “trust” was at the center of both of their remarks to the U.S. and Chinese press.

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37 The Principle of the Future: For Helga’s Birthday: Mankind Is No Beast!

By Lyndon H. LaRouche, Jr.
For mankind and beasts alike, sense-perception is merely a consequence of a simply continued process still resonating as if still in action. But only a relatively very few adult persons have shown “the ability to foresee, wittingly, actually qualitative changes in the course of specifically future, qualitative changes in the environment. . . .”

Editorial

47 Obama Toys with World War

The Nuclear-Thermonuclear NAWAPA XXI

by Benjamin Deniston

This report, issued as a 21st Century Science & Technology offprint, is the first of a package to be published by the LaRouchePAC Basement Research Team, under the title, “Increasing the Productivity of the North American Water Cycle: The Nuclear-Thermonuclear NAWAPA XXI.” The project will focus on the concept of increasing the energy-flux density, a measurement for the power of man over nature, in a human economy.

July 28—NAWAPA XXI provides the central pillar for saving the economies of the North American continent and beyond, securing water, food, and agricultural supplies for the three nations directly involved, but also securing a grip on the future itself. This program will have large-scale implications for key nations in Asia, and potential ramifications for the entire world.

The immediate food crisis—threatening Americans with starvation—is one of the most stark expressions of the physical breakdown of the U.S. economy that Lyndon LaRouche has warned of and fought against. To be absolutely clear, there is no monetary or financial solution to the current crisis. There is not even a possible recovery of the previous system, as such.

The immediate reinstatement of Glass-Steagall is the only emergency action that can stop a hyperinflationary disintegration of the financial system and remove Wall Street’s deathgrip on America. While this will halt the imminent financial collapse process, and

eliminate the supranational control Wall Street has exerted over our nation, Glass-Steagall, alone, will not create a new economy for the American people.

Glass-Steagall must be tied with the re-establishment of a Hamiltonian credit system, through which Federal credit will be directed to the physical-economic growth of the nation. This is not just giving money within the present system—it is the creation of a new system, one premised on a very specific, particular type of growth.

America does not need a “recovery,” but a *new economy*. This means not simply rebuilding what was lost, but *leapfrogging to qualitatively higher levels*. Higher conceptions of economy, including understanding the true role of mankind in managing and improving the biosphere—as by the massive control and direction of water—are demanded in order to solve the agricultural and food crises, while improving the overall territory of the West.

This requires that the original NAWAPA design be upgraded, to a nuclear-thermonuclear mode, providing not only more desperately needed water, but doing so faster, with less loss, and with an international commitment to the development of a nuclear-thermonuclear economic platform.

Human development, in its essence, is just that: a series of leaps, from one level to the next, higher level.

The NAWAPA XXI Continental Water and Power

FIGURE 1



Schematic map of the NAWAPA XXI project (the improved and expanded North American Water & Power Alliance), a continental-scale water management project, harnessing fresh water runoff from Alaska, Yukon, and British Columbia, and redirecting it into the interior of the continent, creating vast new resources for agriculture and industry.

Why NAWAPA XXI Will Work

The problem in most Americans' understanding of this challenge—aside from outright environmentalist brainwashing—lies in the false belief in a self-determined economic value of goods, such as the idea of some intrinsic value of a gallon of water per se. Even worse, there is the clinical insanity in the religious-like worship of some self-evident value of money. The influence of Wall Street, in this regard alone, is now threatening the very destruction of America—in the promotion of the insane belief that there is some need to save hyperinflated “ones and zeros” (but mostly zeros) in a computer-based gambling house called Wall Street.

To illustrate the absurdity of this view, take an actual growth program.

By enabling and allowing more plant life to exercise its hydrological recycling capabilities, NAWAPA can increase the productivity of the water cycle of the entire North American continent, without having to increase the water input.

The original 1960s design would have made significant progress in this regard, but being based on hydro-

Management System, driven by a nuclear-thermonuclear mode, will provide the next, desperately needed leap. This includes acting on the critical water multiplier factor provided by plant life itself, enabling the highest rate of re-utilization of water per cycle (Figure 1).

Water is not an object that gets used up. NAWAPA XXI relies on higher levels of energy-flux density to increase the density of productive utilization and re-utilization of the water, per cycle. Tapping into this plant-driven multiplier factor will actually increase, in physical terms, the productivity and value of the water cycle of the entire North American continent, something many self-proclaimed “environmentalists” don't seem to understand.¹

1. Although the “Greens” are responsible for the genocidal consequences of their actions, the fault lies comparatively less among the

poor duped “believers” in the general population, and more directly with the Anglo-Dutch empire that created and shaped the entire environmentalist movement for their explicit intention of stopping progress, and reducing the world's population. Today, that means the reduction from 7 billion down to 1 billion, or fewer. Queen Elizabeth's royal consort Prince Philip, on the British side, and the late Prince Bernhard, on the Dutch side, led in the creation of “environmentalism.” The pro-Nazi history of both these figures is illustrative of their genocidal inclinations—inclinations that only became further developed following World War II. Queen Elizabeth proclaimed herself to be the leader of this genocidal effort, as she declared in the lead-up to the failed Copenhagen Climate Summit in the Winter of 2009.

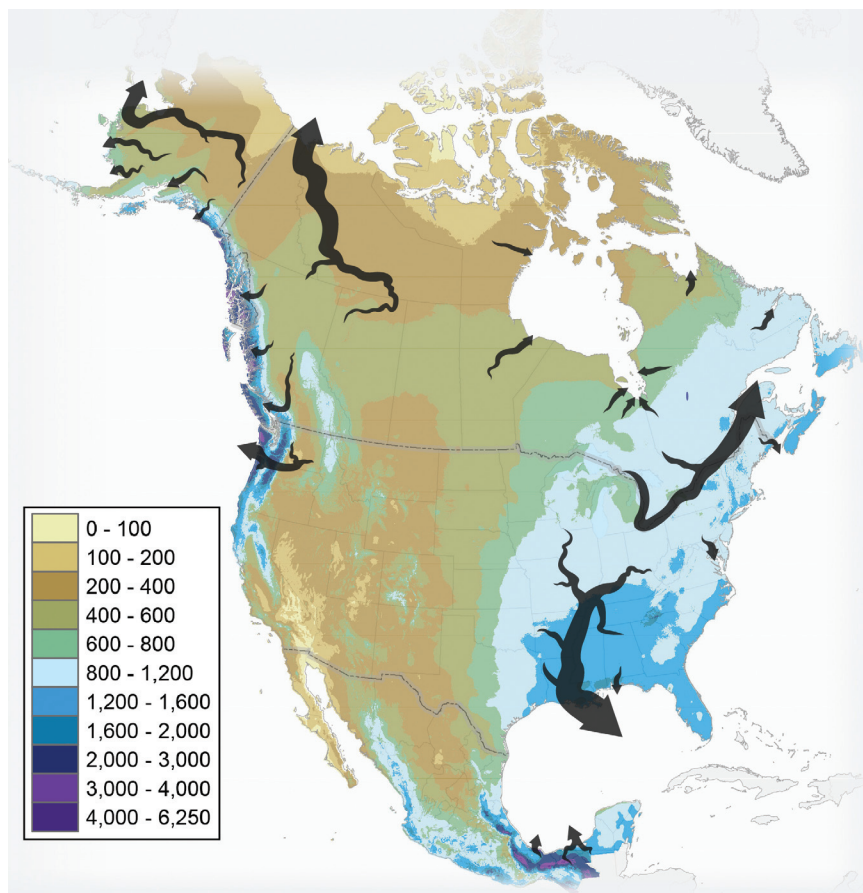
power to power the pumps, it had a ~45% loss factor built in. However, NAWAPA XXI's employment of higher levels of energy-flux density changes that. The secret lies in the interrelationship of increasing energy-flux density, and increasing water-cycling density per square kilometer.

While NAWAPA does move a lot of water, the value of water is never measured in its quantity alone. It is defined by participation in the actual growth of the biosphere and the economy. The contribution to the growth of the whole system is the only basis for developing a measure of economic value generally, emphatically including the productivity of any water in the North American hydrological cycle.

For example, since this is a continental system (as a subcomponent of the global hydrological system), a first-order analysis is based on comparing the continental input and output of freshwater (e.g., rainfall and river runoff), with the resulting amount of plant growth; and then cross-comparing the effects of new plant growth back on the water cycle. For the most accurate representation, the total values are converted into per-area terms, and the rising productivity for the continental system will be seen in the increasing ratio of photosynthetic activity relative to water input. This becomes a reciprocal process, as the development of more plant life (enabled by the water) will then drive an even greater increase in the rate of re-utilization of the water while it remains on land.

This reveals the secret beauty of NAWAPA. Currently, a huge density of precipitation falls along the coastal region of Alaska and British Columbia, which very quickly rushes back into the Pacific Ocean to become saltwater—losing any potential to participate in a growth factor (**Figure 2**). Another massive input of precious freshwater flows north into the Arctic Ocean through the Yukon and Mackenzie basins, featuring two of the longest and largest rivers of the continent (with the Yukon and Mackenzie rivers together

FIGURE 2



INEGI, NR-Can, USGS, North American Environmental Atlas of the Commission for Environmental Cooperation.
Precipitation map of North America, with major river runoff overlaid. The thickness of the arrows roughly corresponds to the average amount of runoff.

matching the flow of the mighty Mississippi).²

This intense concentration of coastal precipitation is a peculiar consequence of the relationship between the geography of North America, and the Coriolis-driven wind patterns in the northern latitudes. The northern west-to-east wind pattern carries with it evaporation from the Pacific Ocean, an immense store of water vapor. However, instead of this moisture delivering its benefits across the land mass (as is done in the west-to-east delivery of Atlantic moisture across similar latitudes in Eurasia), this Pacific moisture hits the massive block of North America's western coastal mountain ranges, pushing the moist air to higher alti-

2. Also take note that Canada's Yukon and Northwest Territories provinces have populations of 34,000 and 41,500, and population densities of 0.07/km² and 0.04/km², respectively. Alaska appears to be an urban center in comparison, with its population of 731,500 and population density of 0.49/km².

tudes where it condenses, much of it falling on the Pacific side of the mountains, running back into the ocean before it can get much work done. In fact, this is one of the least productive concentrations of rainfall of the entire planetary terrestrial water cycle!

Regarding the water in the North that makes it over the continental divide, to flow up into the Arctic, the biospheric productivity of this northern territory is not limited by any shortage of water, but by lack of sunlight and the resulting frigid cold. For example, the Mackenzie basin has a -10°C mean annual temperature, with widespread permafrost in the North (where the land transitions to tundra), and nutrient-poor forest soils in the south.³

Contrast this with the lower half of western North America. In the southwestern United States, where there is significant farming, agriculture, industry, population centers, and the potential for much, much more, the amount of freshwater runoff available is very small—only 91 million acre feet per year (MAFY/113 km³), compared with the 1,220 MAFY (1,494 km³) of the northern basins.⁴ In the Southwest, stretching from California to Texas, the climate is excellent, and the soils are fertile, but the limiting factor is the lack of water. This extends east, to the High Plains states, and south, into Mexico. Entire regions of agricultural land are being lost, towns are running dry, and finite groundwater stores are being depleted, threatening an imminent and deadly food and water crisis.

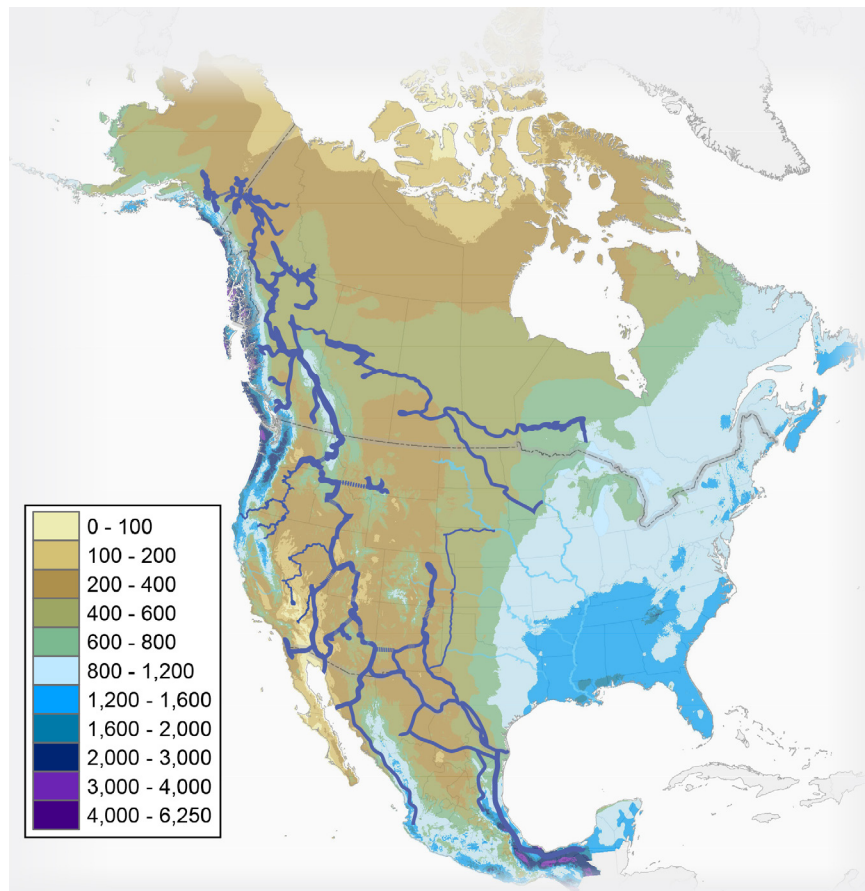
Taken together, this North-South disparity in the West lowers the productivity of the water cycle of the entire continent.

NAWAPA was designed to take a small fraction of

3. See, “[Ecological Regions of North America](#)—Toward a Common Perspective.”

4. Unless otherwise noted, the freshwater runoff figures in this article are from John D. Milliman and Katherine L. Farnsworth, *River Discharge to the Coastal Ocean: A Global Synthesis*, May 2013.

FIGURE 3



INEGI, NR-Can, USGS, North American Environmental Atlas of the Commission for Environmental Cooperation. *Average annual precipitation for the North American continent, with the NAWAPA XXI system (along with the proposed extensions) presented on top.*

some of these northern rivers (about 10% of the total runoff, by taking ~20% of the runoff from a select set of rivers), and redirect the water south, both down into the Southwest and into Northern Mexico, and also southeast, into the drought-prone Canadian Prairie Provinces and to the Great Lakes (where the water level has been steadily falling since the late 1990s). As implicit in the original NAWAPA plan, this more equitable distribution of the continental water cycle will vastly improve the productivity of North America as a whole.

However, since the original designs were developed, the energy-flux density of available power has greatly increased, and with it, so has the potential for a level of improvement which would not have been possible otherwise (**Figure 3**).

Nuclear power can drive the pump-lift systems of NAWAPA, removing the need to waste precious water

on hydropower, and thus increasing the water available for distribution throughout the system. This makes additional extensions more feasible: bringing water east, into the central region of the continent with the Great Plains Canal, feeding most of Nebraska, and the western regions of Kansas, Oklahoma, and Texas (where the Ogallala Aquifer is being overdrawn); to the water-starved regions of the Klamath River, the California Central Valley, and directly into the California water system with the California-Oregon extension; and options for coastal nuclear-powered desalination systems to create freshwater from seawater, or inland nuclear-powered desalination and purification systems to treat brackish or mineral-laden inland water.

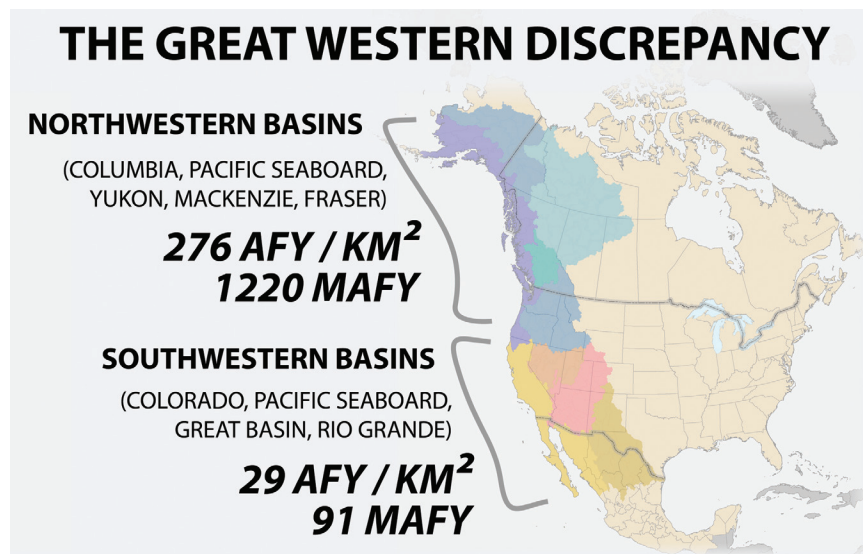
Another massive extension would be to transfer water from the southern coastal regions of Mexico, where there is significant freshwater runoff, and channel the water north along the Pacific and Atlantic coasts, linking to NAWAPA on both sides, the PLHINO/Northwest Hydraulic Plan (Pacific) and PLHIGON/Northern Gulf Hydraulic Plan (Atlantic) projects.⁵

Added to this, ionization-based weather modification systems can direct additional moisture and rainfall patterns to needed locations, further refining man's control of the continental water cycle.⁶

All this will be possible with a nuclear-thermonuclear NAWAPA XXI.

The key to the future survival of North America is the direct interrelationship among energy-flux density, plant life, and water re-utilization per cycle. It is time for man to improve the biosphere in a way only he can do.

FIGURE 4



Division of the Northwestern water basins from the Southwestern. The total freshwater runoff for each set of basins is provided in million acre feet per year (MAFY), and the averaged acre feet per year (AFY) per square kilometer is provided as well. The total runoff values are what would leave each basin, assuming no withdrawals for other purposes; for example, the value used here for the Colorado is 16.2 MAFY, which corresponds to how much precipitation the basin receives, even through the actual amount that currently runs into the ocean is only 0.2 MAFY, since most of the river is used along the way for agricultural and economic activity.

The Great Western Discrepancy

This “Great Western Discrepancy” can be better quantified by examining the specific water basins involved on both sides.

For the North, the excessive rainfall and runoff is found in the Mackenzie, Yukon, Fraser, and Columbia River basins, plus the Pacific Seaboard, from Bristol Bay Alaska down to about the northern border of California (42°N latitude).

The southern division contains the remainder of the Pacific Seaboard down to the Tropic of Cancer (at just about the southern tip of Baja California Sur), and includes the Rio Grande and Colorado River basins, along with the landlocked Great Basin.

The connection to the U.S.-Canadian High Plains system, and additional water from Southern Mexico can then be considered as well, following the initial quantification of the Great Western Discrepancy (Figure 4).

The precipitation into these basins, and the freshwater runoff leaving them, provides the water input and output of the two areas. This is improved when the

5. See the discussion of the PLHINO and PLHIGON Mexican water projects in Dennis Small, “Make that Which Is Reasonable, Possible—U.S. and Mexico: Cooperate on Great Water Projects,” *EIR*, Dec. 7, 2007.

6. See, Benjamin Deniston, “Expanding NAWAPA XXI: Weather Modification To Stop Starvation,” *EIR*, Aug. 9, 2013.

values are considered in per square kilometer terms, by comparing runoff relative to the size of the basin catchment area—showing that the northwest runoff per area is an order of magnitude higher than the southwest. Comparing these with the value for the entire continent further illustrates the point, with the Northwest being about a factor of 2.5 times above the continental average, and the Southwest being about a factor of 3.5 times below the continental average, when considered in per square kilometer terms, as seen in **Table 1**.

This provides the basis to investigate the physical (e.g., photosynthetic) productivity of the Western water cycle, and how this Western productivity (or lack thereof) affects that of the entire continent. Most importantly, this defines the physical framework for determining how the entire continental system can be improved by higher levels of energy-flux-density-driven water and biospheric management.

The general question is the following:

Within the average continental yearly fresh-water input-output cycle (i.e., the net annual continental hydrological flux), how productive is the water?

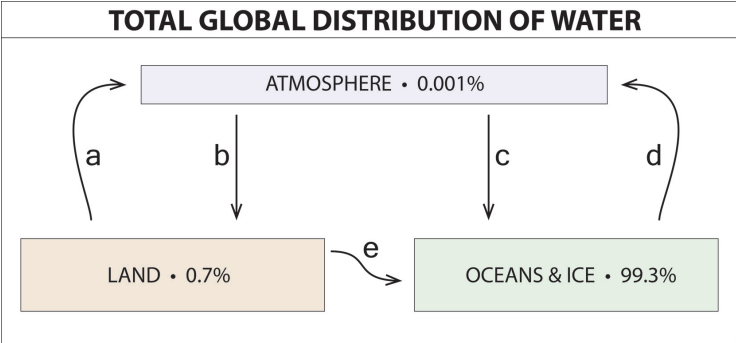
Photosynthesis provides an initial productivity reference point, both because of the value of its action in the creation of biomass, and the multiplier effect that plant life has back on the water cycle.⁷ What is the annual average photosynthetic activity per square kilometer for the Northwestern and Southwestern water basins identified above? What effect does water, or the lack thereof, have on this? Compare the Northwest and Southwest with photosynthetically productive areas, and with the entire continent.

NAWAPA XXI revolutionizes the productivity of the continental water system without needing to increase the net input of water into the continental system, while still revolutionizing the productivity of that same water. The secret lies in more than just the redirection, but in actualizing the multiplier factor provided by plant life itself. How many times can the water can be cycled through processes of use and reuse (e.g., photo-

7. One relatively standard measure of the amount of photosynthetic activity (i.e., how much new biomass is created) is called the “net primary productivity,” which measures the mass of atmospheric carbon (from that wonderful non-pollutant that plants love, CO₂) that is incorporated into living biological matter through photosynthesis. This can be measured in tons of carbon incorporated into biological matter, per square kilometer, per year.

	River Runoff (MAFY)	Area (Million KM ²)	AFY/KM ²
Northwestern Basins	1220	4.42	276
Southwestern Basins	91	3.11	29
North America	2554	23.1	110

FIGURE 5



Distribution of the Earth’s water measured by percentage, with the general flows from one system to another indicated.

synthesis or rainfall) per cycle from ocean to land and back to ocean?

For this to be understood and measured, an estimation of the freshwater input into the continental system is required. Since there is a regular seasonal variation, the average annual input is needed. With this defined, it becomes possible to ask: What does the input actually accomplish, in physical terms? More importantly, what can mankind uniquely encourage it to do? And how can that be qualitatively improved with higher levels of energy-flux density?

Input and the Multiplier Factor

The effects of plant life can be measured relative to this average annual input.

In the most simple terms, **Figure 5** illustrates the basic inputs and outputs of freshwater for the global hydrological cycle. For example, rainfall (**b**) provides a freshwater input, while rivers releasing freshwater into the ocean provide an output (**e**).

Distribution of the Earth’s water is measured by percentage, with the general flows from one system to another indicated.

However, some of the atmospheric moisture which is the source of the precipitation on land (**b**) comes from evaporation of water that was already on the land, as indicated by **a**.

So, to properly define continental freshwater input requires quantifying the precipitation that did not come from the freshwater that was already on the body of the North American continent. Input defines only new freshwater that is introduced onto the continental system: evaporated ocean water that then falls as precipitation over the continent. Simply measuring precipitation without asking where the moisture came from would lead to double counting when strictly defining input.

By Figure 5, actual input is ***b*** (precipitation over the land) minus any contribution from ***a*** (atmospheric moisture coming from water evaporating from the land). Another way of defining this is the amount of ***d*** (water evaporated from the ocean) which falls in ***b*** (precipitation over the land). This is indicated in Figure 6, an illustration of the North American water cycle, as ***b_d***.

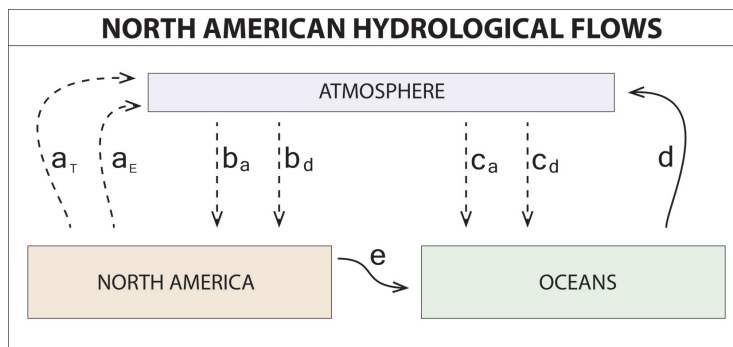
This defines the general freshwater input for the continental hydrological cycle. The output would then be the sum total of freshwater runoff (***e***) plus the rainfall that comes from evaporated continental water which then falls over the ocean (***c_a***).⁸

A team at Delft University of Technology, Netherlands, has provided some initial estimations of these values.⁹ Using new methods for modeling the transfer of water between the atmosphere, oceans, and land, they were able to estimate, for specific areas, how much of the precipitation came from moisture which evaporated from the ocean versus that which evaporated from the land.

For example, they say that, on average for the entire globe, 40% of the precipitation over land originates from moisture that was already on the land. However, for different landmasses this percentage varies significantly (Figure 6).

For China, they estimate that about 80% of its rainfall comes from moisture evaporating from the Eurasian landmass. North America is the second-lowest for

FIGURE 6



*Schematic of North American water cycle with precipitation subdivided by the source of the moisture (either form ***a***, the continent, or ***d***, the ocean); evaporation from land subdivided into general evaporation (***E***) and the transpiration of plants (***T***).*

any continent, with only 30% of the precipitation coming from moisture which evaporated from the land.¹⁰ This analysis of the different sources of precipitation defines the multiplier value of continental precipitation: For water that falls on a particular continent, how many times will it evaporate, and then rain back onto that continent again, before returning to the ocean? For North America the multiplier factor is about 1.45, while the global average is 1.67.

When discussing this lower multiplier factor for the North American continent, Hubert Savenije and his colleagues at Delft University repeatedly reference the role of the Western coastal mountain ranges in blocking moist air from moving inland. This arbitrarily lowers the cycling potential from the very start, by causing a large amount of precipitation to immediately return to the Pacific Ocean before it has a chance to evaporate, let alone participate in plant life. For the precipitation (input) that does remain on land long enough to re-enter the air, they note that 60% of the evaporation from the West returns to the continent again as rain. So while most water falling along the coast does not get a chance to evaporate, that which does has a multiplier factor of 1.67—higher than the continental average of 1.45. Again, the discrepancy is enhanced by the fact that so much northern water runs off so quickly, before any evaporation can take place to enable the general west-to-east transport of moisture.

Recall the specifics of the Great Western Discrepancy. In the northwestern basins, 1,220 MAF of water runs off every year, averaging 276 acre feet of yearly

8. There are additional complicating factors. For example, groundwater that otherwise would be stored below the surface is being extracted and released onto the surface, to then be evaporated, and become runoff. This, and other secondary factors (including new inputs from ocean water desalination), can be accounted for within the overall framework being defined here.

9. See, Rudi van der Ent, Hubert Savenije, et al., "Origin and fate of atmospheric moisture over continents," *Water Resources Research*, September 2010.

10. Australia has the lowest percentage for any continent, with 20%.

runoff per square kilometer (as compared with the continental average of 110). When considering its scant participation in plant life, and the limited evaporation for inland transport, *this is among the least productive concentrations of precipitation globally!*

NAWAPA's redirection of the water into the High Plains and Southwest would automatically increase the multiplier effect of the continental water input, without needing to change the input itself. Since water that evaporates from the West averages a 1.67 multiplier factor, NAWAPA's delivery of freshwater throughout the Canadian prairie provinces, the 17 Western U.S. states, and Northern Mexico, will ensure that more of this northwestern water will get a chance to re-enter the atmosphere, increasing the rainfall throughout the Western and Central regions.

However, the real power of NAWAPA does not rely simply on evaporation alone, but rather, on the additional boost factor supplied by densities of new plant life supported by this water.

Among the proposals for future refinements given in the Delft University report, is including the role of plant life in the cycling of water across continental landmasses.

While the Delft group has not done an analysis of the effects created by all the plant life on a global scale, one follow-on study did examine a few specific regions which are highly dependent upon land evaporation for their rainfall, such as China. They studied the effects on rain patterns created by changes in the neighboring land from which the moisture originates. For example, irrigation and water management systems in India, they conclude, have led to an increase in rainfall for China.¹¹

This becomes a recent addition to a long history of studies examining the effects of plant life on the hydrological cycle.

The Great NAWAPA Forests

While plants use some water directly for photosynthesis, using the water's hydrogen in the generation of biomass, and releasing the oxygen into the atmosphere, they also release much more water vapor directly into the atmosphere. This plant transpiration can significantly increase the moisture delivered to the atmo-

sphere; the introduction of large amounts of new vegetation can directly affect the water cycle, weather, and even climate.

While all plants reintroduce moisture back into the atmosphere, trees and forests are the most effective in this process. For example, a 70-foot-tall sycamore tree can bring 100 gallons of water per hour from its roots to its leaves, 90% of which transpires into the atmosphere. This takes water from the subsurface water table—which would not otherwise evaporate, but would instead follow the underground water table toward streams and rivers to eventually run off—and lifts it into the atmosphere.

Within forests, certain angiosperms, such as oaks, throughput water at a much faster rate than their less biologically advanced cousins, the conifers, e.g., pine trees (although it should be noted that the oaks are much slower growing than the pines).

A 2012 review of decades of studies on the effects of plant life and forestation on the water cycle notes that, in general, forests release 1.4 to 1.75 times more water per square kilometer into the atmosphere than grass or croplands. Authors David Ellison, Martyn Futter, and Kevin Bishop¹² note that plant life plays a critical role in strengthening the inland transport of water, and promoting precipitation on local and regional scales.

While NAWAPA will provide desperately needed water for existing agricultural, municipal, and industrial needs, for the multiplier power of plant life to be fully realized, the water must also go toward significant greening of strategic regions.

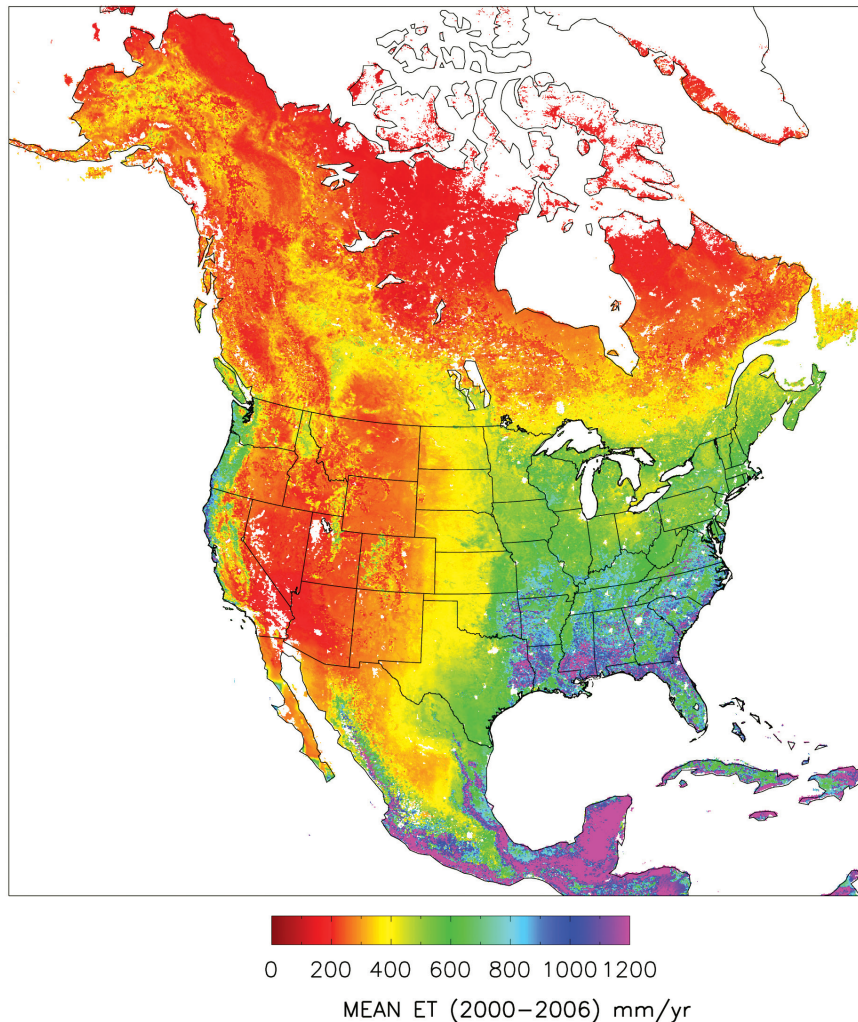
As discussed above, the atmospheric-hydrological system of North America has an overall west-to-east directionality, a characteristic that can be utilized to increase the multiplier factor provided by plant life. For example, consider using NAWAPA water to create dense strips of forest running north-south along the main NAWAPA distribution trunks running from Idaho, through Utah, and into Arizona and Mexico, as well as the western branch from Utah, through Nevada, and along the California-Arizona border. A third north-south strip could follow the Colorado aqueduct, and/or the High Plains extension.

Such forests could rapidly accelerate the return of water into the air, as moisture for more rainfall. Addi-

11. They also identify locations where deforestation in one region lowers the rainfall in another region. See, P.W. Keys, R.J. van der Ent, et al., "Analyzing precipitation sheds to understand the vulnerability of rainfall dependent regions," *Biogeosciences*, February 2012.

12. See, David Ellison, Martyn Futter, and Kevin Bishop, "On the forest cover-water yield debate: from demand to supply-side thinking," *Global Change Biology*, 2012.

FIGURE 7



Yearly photosynthesis as measured by evapotranspiration. Information provided by the Moderate-resolution Imaging Spectroradiometer (MODIS) instrument on board the Terra and Aqua Earth-observing satellites.

tional elements can be considered, including ionization-based weather modification systems, designed to induce existing atmospheric moisture (provided by the trees) to condense and fall as rain.¹³

Taken together, NAWAPA XXI can provide the means to tap into the multiplier power of plant life, enabling an intensive and extremely productive recycling of the freshwater input, which would otherwise be wasted, into the continent.

13. Or even perhaps modulating the systems to keep existing moisture from raining down where it is not desired. Op. cit., Deniston (footnote 6).

For the purposes of measuring the exact freshwater input, these layers of multiplier factors add a bit of a difficulty (b_a vs. total b) (Figure 6), but when examining productivity, this re-utilization provides the key productivity multiplier factor which man can utilize for the future survival and progress of the continent. Whereas abstracted absolute quantities mean very little, value is found in the spatial and temporal density of productive re-utilization per cycle. A hydrological flux density measured over a continental territory.

Productivity

Photosynthesis provides the biological raw material for the entire biosphere, upgrading atmospheric carbon and water-derived hydrogen and oxygen into direct participation as living biological matter.

Since some of NASA's Earth-observing satellites have the ability to measure processes related to this activity, they can provide an image of the average global distribution and density of photosynthetic activity (Figure 7).

These measurements provide a first-order approximation of the productivity of the continental water cycle.

As stated above, the basic productivity function is measured by "photosynthetic activity/net continental hydrological flux." In terms of the values and measurements discussed above this can be measured by:

$$\frac{\text{photosynthetic production (NPP)}^{14}}{\text{freshwater input } (b_a)}$$

This should then be measured for the entire conti-

14. Net primary productivity, measuring the mass of atmospheric carbon incorporated into living biological matter through photosynthesis.

ment, and for the identified sub-territories.

Only then can the actual physical productivity of the “natural” continental water cycle be seriously measured. Against this, the effects of NAWAPA, a nuclear-thermonuclear NAWAPA, and the multiplier effects of dense plant life and forests can be measured. Redistributing existing water runoff into the Southwest will increase the photosynthetic activity without changing the continental input, increasing the productivity of not only the West, but the entire continent.

Referring back to Figure 6, the following two ratios also must increase, both for the West, and the whole continent:

$$\frac{\text{precipitation from continental water } (b_a)}{\text{freshwater input } (b_d)}$$

and,

$$\frac{\text{transpiration } (a_T)}{\text{total evaporation } (a_E)}$$

This is only the first consideration in defining the boundary parameters of growth requirements of the system as a whole. Within this, specific qualities of biomass production can be investigated.

As just discussed above, since plant life is the real boost factor for the productivity of the continental hydrological system, the impact of different types and species of plants on the hydrological cycle must be considered.

A higher ratio of more advanced forest biomass relative to the total biomass will provide a greater increase in the multiplier factor (b_a/b_d) .

Additional categories to be considered include the following:

- Biomass Consumable by Animals—for example, sugars, as opposed to lignin
- Biomass Consumable by Livestock—for cattle farming, for example
- Biomass Consumable by Humans—general agriculture
- Biomass Usable as Raw Materials—for example, wood, and cotton

In considering the productivity of the water cycle in greater detail, the ratios of each of these categories relative to total biomass can be measured. As above, each

of these ratios is considered in per square kilometer terms, and for particular sub-territories dedicated to each of these categories.

Now return to the following consideration: What gives mankind the power to do this?

The Nuclear-Thermonuclear Driver

The original NAWAPA design was a relatively limited prospect.

Although grand in thinking for its time, the available technology and power density was greatly limited, compared with what is available today. This resulted in an original NAWAPA design with an inherent 45% loss factor, in terms of water utilization. Water would have to be collected within the system, only to then be released into the ocean, to generate enough power to pump the rest of the water throughout the Southwest.

With a higher level of energy-flux density, NAWAPA jumps to an entirely new platform.

Key pump-lift stations in the northern regions raise the elevation of the water to allow it to flow by gravity throughout most of the rest of the system.

By the original design, the first lift, Taku, raises the water from 2,000 to 2,300 feet, the second, Fraser, from 2,300 to 3,000, and the third is a major operation, the Sawtooth Lifts, from 3,000 to 5,500 (**Figure 8**). With the California-Oregon extension, another major pump is required in Oregon (lifting the water an impressive 4,200 feet).

In total, for distribution into the Southwest,¹⁵ the original NAWAPA design depended upon collecting around 130 MAFY, and then releasing around 60 MAFY of that collected freshwater into the ocean, solely to generate the power needed to pump the remaining 70 MAFY into the Southwest, a 45% loss factor.

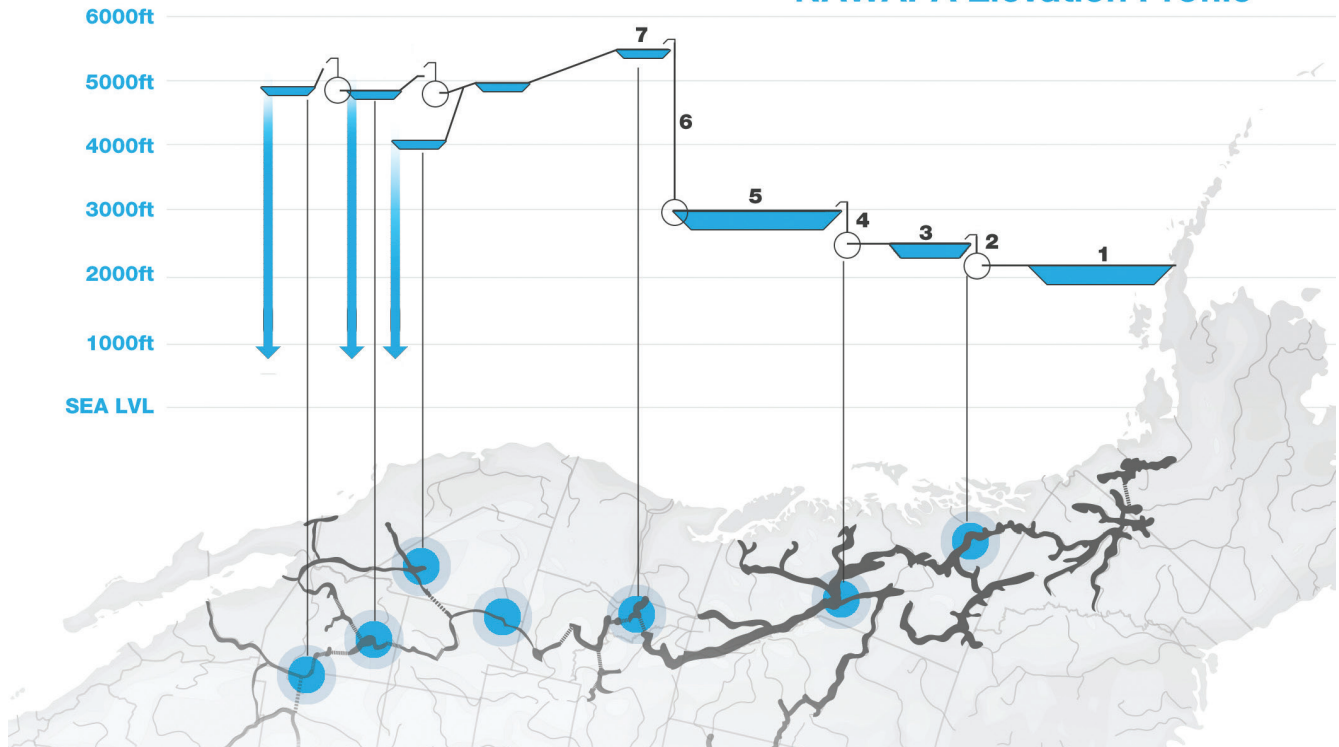
With a series of nuclear power plants built for generating the power required for pumping, utilizing a higher level of energy-flux density solves this waste of precious water. The elimination of the unnecessary hydropower systems will also simplify certain components of the system, easing the construction requirements, and possibly shortening the timeframe.

This nuclear option provides new opportunities for the NAWAPA XXI system.

15. This does not include the distribution to the Canadian Prairies and the Great Lakes, since that is on the other side of the continental divide, and does not have the same pumping requirements.

FIGURE 8

NAWAPA Elevation Profile



1) NAWAPA—Elevation Profile: 1) Copper Reservoir, Tanana-Yukon Reservoir, Taku Reservoir, Susitna Reservoir. 2) Taku Lift. 3) Liard River Reservoir, Nass Reservoir, Skeena Reservoir, Babine Reservoir. 4) Frasier Lifts. 5) Rocky Mountain Trench, Flathead Lake, Flathead Reservoir, Clearwater Reservoir. 6) Sawtooth Lifts. 7) Sawtooth Reservoir.

In one option, the volume of water delivered could be the same as in the original design, pumping 70 MAFY to the Southwest and Mexico (plus the redirection of water from the Mackenzie basin to the Canadian Prairies and the Great Lakes), meaning less runoff water would need to be collected in the first place (since none would have to be collected only to then be released for hydropower).

In another, the same amount of water could be collected, and instead of releasing some for hydropower, more could be made available for distribution, potentially nearly doubling the water available for the Southwest and Northern Mexico. While the final analysis won't be quite that simple, this is the general effect of moving from hydropower to nuclear.¹⁶ This

would require increasing the capacity of the system, including the volume of water flowing through the pumping systems, requiring more power for the three major pump-lift systems of the North, which would just require adding more nuclear power to the system.

In addition to more water being available, critical extensions expand the distribution of water to other regions.

The High Plains extension provides water to the region of the Ogallala Aquifer, where the agriculture of western Texas, Oklahoma, and Kansas; most of Nebraska; and parts of New Mexico, Colorado, and Wyoming depends upon the overdrawn aquifer.

The California-Oregon (CA-OR) extension provides existing river and water systems in those states with much needed reinforcements, securing and strengthening the existing capabilities.

The pair of coastal water projects for Mexico, PLHINO and PLHIGON, can bring significant addi-

16. In the final analysis, it won't be quite as simple as doubling, since various extension would begin to tap this supply in additional ways, including bringing some further east, to bolster the supply to the Canadian Prairies and U.S. High Plains regions.

FIGURE 9



Map of NAWAPA XXI with four extensions indicated. Three sets of river basins are also identified, the northwest basins (blue) involved in collection, the southwestern basins (red), and the High Plains basins (green).

tional supplies of water from the southern regions north, hooking into the NAWAPA system as it enters Mexico (Figure 9).

Higher levels of energy-flux density enable what the original NAWAPA did not, allowing man to utilize the multiplier factor of plant life to an even greater extent. Nuclear-thermonuclear systems power the increased productivity and density of recycling of the entire continental water system, overcoming the arbitrary block of the coastal mountain ranges and bringing the biosphere to levels of activity impossible without man's intervention.

Regaining a Grip on the Future

This is a global program.

Glass-Steagall, alone, has systemic global implications, overturning the Anglo-Dutch monetary dictatorship over the trans-Atlantic nations, and laying the basis for the creation of a Hamiltonian Federal credit system. Without this, none of these productive leaps are possible.

The basic NAWAPA water-distribution system directly involves Canada, the United States, and Mexico. The nations sharing the North American continental water cycle have the responsibility to manage it and improve it for the betterment of all involved. It must begin as soon as possible.

Especially when the central role of the nuclear-thermonuclear driver is considered, the international scope of the project immediately extends to China, South Korea, Japan, and Russia. Since the United States shifted to a post-industrial mode, the industrial and manufacturing capabilities have been disappearing, typified most emphatically by the 2006 commitment to eliminate the auto sector—the highest density of machine-tool and related potential the United States had. Now, since American lacks the ability to construct critical components for nuclear power plants, let alone in a mass-production mode, this will require international agreements with China, South Korea, Japan, and Russia, where some capabilities still exist.

NAWAPA also immediately opens up the general development of the Arctic regions, including the construction of a Bering Strait rail connection between Alaska and Russia, linking the entire North American and Eurasian landmasses with advanced high-speed rail systems.

Mankind's next economic platform relies upon the massive development of nuclear and thermonuclear systems and technologies. This includes the cheap and efficient generation of massive amounts of electrical power, but extends to revolutions in construction and earth-moving; industry and manufacturing; health and medical sciences; agriculture and biospheric development; and the most fundamental understanding of what a natural resource even is.

A nuclear-thermonuclear NAWAPA XXI, centered around an international Manhattan Project-style crash program for the development of thermonuclear fusion systems and technologies, lays the basis for the needed new economy. It starts with man improving the biosphere in a way only he can, empowered with higher levels of energy-flux density to actualize the multiplier factor of plant life at completely new rates of activity.

NAWAPA is a return to a policy of progressive leaps.

PLHINO/PLHIGON: Watering Mexico's Desert

Two longstanding water management proposals in Mexico, the Northern Gulf Hydraulic Plan (PLHIGON) and the North West Hydraulic Plan (PLHINO), will complement the great benefit that NAWAPA will bring to the western North American continent. Both involve diverting water from the huge rivers of the Mexican Isthmus, which suffers constantly from flooding, to the north, by building canals, dams, and pumping stations for that purpose.

While neither the PLHINO nor PLHIGON would carry water directly to the desert region in north-central Mexico, projects have been devised, especially with the PLHIGON, that would bring water to the region. The PLHIGON would also control river run-off and prevent flooding, so that the vast coastal flood plains of Tabasco and Campeche in the South could be put into agricultural production.

One project that would be especially important for carrying water into the desert is a proposal dubbed the TzenValle System. The idea is to divert about one-third of the water from the Pánuco River (the fifth-largest in the country, in terms of run-off) and its tributaries, and, by means of a series of dams, tunnels, and canals, located some 250-300 meters above sea level, water would be carried north, and then pumped up as far as the city of Monterrey, which is 540 meters above sea level.

The TzenValle System would carry an additional 6.8 km³ of water per year to this arid zone.

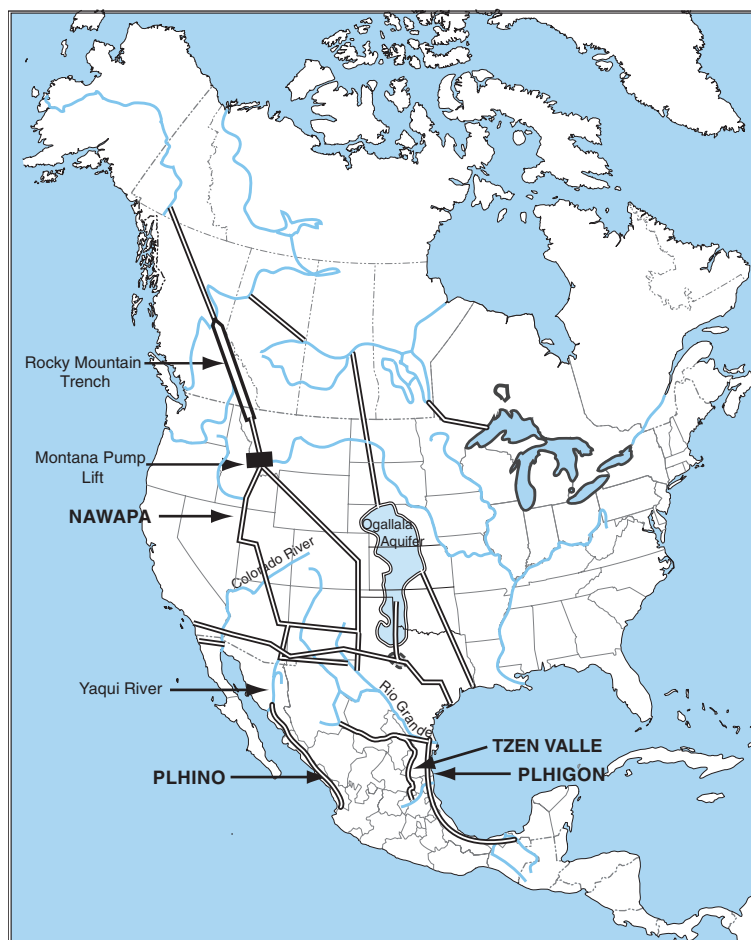
As **Figure 1** indicates, the eastern branch of NAWAPA would connect with the tributaries of the Rio Grande (Río Bravo), which forms the border between the United States and Mexico at that point. This would enable the transfer of large quantities of freshwater—some 6.8 km³—to the arid center-north of Mexico.

The western branch of NAWAPA would feed water across the border to the Yaqui River in Sonora, which would receive nearly 12 km³ of water a year.

The map presents the full direct impact of the NAWAPA-Plus projects on water availability in Mexico. For the country as a whole, there will be 68 km³ of new water available. Since Mexico currently gets 36% of its total water withdrawals from aquifers, and over-exploits more than 20% of them—i.e., withdrawing more water than the amount of annual recharge—it will be necessary to use some 10 km³ of the newly available water to recharge the aquifers and reverse their depletion. That will leave net new water availability of some 58 km³, a 75% increase over today's 77 km³.

This increase in water availability will allow Mexico to irrigate some 5 million hectares of new land, a 75% increase over its current 6.5 million hectares of irrigated land, thus addressing its current devastating crisis in food production.

FIGURE 1
North America: 'NAWAPA-Plus'



Sources: Parsons Company, *North American Water and Power Alliance Conceptual Study*, Dec. 7, 1964; Hal Cooper; Manuel Frías Alcaraz; EIR.

Obama Escalation on Syria Would Be an 'Act of War'

by Jeffrey Steinberg

Aug. 24—A senior U.S. intelligence source has provided an assessment of the ongoing controversy over allegations of use of chemical weapons in Syria. The source indicated that there are two key questions that must be settled quickly. The first is whether chemical weapons were in fact used, and he acknowledged that the evidence was questionable. He said there was a 50:50 chance that something actually happened near Damascus.

The second question is: If there were some form of CW attack, who did it? The source noted that if it turns out, after the UN investigation, that there was an attack, and it was carried out by Syrian rebels, that will be a decisive factor in favor of Gen. Martin Dempsey and others who have adamantly opposed any U.S. involvement in the Syrian mess. Dempsey's recent letter to Rep. Eliot Engel (D-N.Y.), along with other actions that the Joint Chiefs Chairman has taken, in strong opposition to any U.S. military role, have had a significant impact, and have, for now, pushed back against those promoting "humanitarian intervention" by the United States.

According to the source, the "Responsibility to Protect" (R2P) lobby is pushing hard for some limited U.S. military action if there is any "proof" that the Syrian Army did use chemical weapons. While the R2Pers accept the fact that Dempsey and the other "realists" in the Pentagon and elsewhere have made it all but impossible to push for a no-fly zone and a sustained bombing

campaign, the advocates of a limited U.S. military action argue that President Obama's credibility is on the line, since he did publicly declare the use of CW to be a "red line." Dempsey has strongly responded: A single U.S. cruise missile fired into Syria would be an "act of war," and there would be no pulling back from broader conflict.

The source noted that there are other complicating factors at play. The Netanyahu government in Israel is now advocating full U.S. military intervention to overthrow President Bashar al-Assad. Netanyahu believes that EU and American officials will carry out their threats that "Assad must go," and he knows that the current situation is impossible from the standpoint of Israeli security. Not only does Netanyahu worry about Hezbollah in Lebanon, but there are now al-Qaeda elements operating inside both Syria and Lebanon, and the recent rocket fire into northern Israel was carried out by al-Qaeda-linked jihadists.

The source further explained that both National Security Advisor Susan Rice and UN Ambassador Samantha Power have refrained, so far, from pushing for U.S. military action against Syria based on the chemical weapons controversy. Both Rice and Power are part of the Obama inner circle, which also includes Valerie Jarrett, Michelle Obama, and David Axelrod, all of whom are fixated on Nerobama's "legacy." Dempsey has convincingly warned that if the U.S. is drawn into Syria, there will still be U.S. involvement when



DoD/Erin A. Kirk-Cuomo

The actions of Gen. Martin Dempsey and others, opposing any U.S. involvement in Syria, have, for now, forestalled the drive for so-called “humanitarian intervention.”

Obama’s term expires. Obama will have the legacy of another extended and costly war in another Arab country. Dempsey and his allies point to Iraq and Libya as cases where massive amounts of American blood and treasure were expended to overthrow regimes, only to produce a period of continuing chaos and bloodshed.

For now, there is a consensus, the source concluded, that the UN inspectors must be given time to conduct an investigation before any decisions are made or action taken. Against this background, Obama was extremely cautious about military intervention in Syria in a CNN interview with Chris Cuomo which aired Aug. 23. In the interview, Obama acknowledged that any direct U.S. military engagement could lead to unforeseen consequences and possibly, long-term engagement.

Conflicting Reports

There are wildly conflicting reports about what happened in the Damascus suburb of al-Ghouta on Aug. 21. Rebel propaganda channels claimed that Syrian Army forces used chemical weapons on local citizens and rebels, killing more than 1,000 people. However, Russian and Syrian officials quickly produced evidence contradicting the allegations, including at least one YouTube video of the alleged attack that was posted *prior* to the day the al-Ghouta CW attack purportedly took place. Other reports indicate that Russian experts

on the ground have provided UN weapons inspectors with shells of CW that were fired from rebel strongholds nearby.

The most dramatic counter-account, however, came from Dr. Yossef Bodansky, an Israeli-American terrorism specialist with long-standing ties to the GOP. He wrote on Aug. 22 that the CW attack, if it occurred, was conducted by rebels, targeting recent defectors who had gone back to supporting the Assad government, on the grounds that rebel units were dominated by al-Qaeda and other foreign jihadist fighters.

Bodansky and others pointed out that UN chemical weapons inspectors arrived on the ground with the permission of the Syrian government on Aug. 19, and that it would be an act of sheer stupidity and political suicide to allow any kind of CW attack to take place at that time.

Despite all of the conflicting accounts, President Obama convened a national security meeting on Aug. 24 to hear a detailed options briefing from JCS chief Dempsey. According to comments made afterwards by Secretary of Defense Chuck Hagel, as he was en route to Asia, Dempsey presented all of the military options, but continued to express grave doubts about their viability, and to warn that the U.S. could be dragged into a prolonged conflict with no real national security stake. Hagel told reporters that he fully concurred with Dempsey’s assessment.

Nevertheless, according to CBS News, the U.S. Navy was positioning four guided missile destroyers off the Syrian coast in the eastern Mediterranean, pending a decision by President Obama on what, if any, action would be taken. For the moment, according to a joint statement on Aug. 23 by Secretary of State John Kerry and Russian Foreign Minister Sergei Lavrov, all actions are on hold, pending the investigation by the team of UN chemical weapons experts now in Syria. Other top UN weapons inspectors flew into Syria today to bolster the effort and make sure that both the Syrian government and the rebels were prepared to allow the team safe passage to al-Ghouta.

This latest escalation of the Syria crisis has put the entire region and the world on a hair-trigger for a war that can rapidly spin out of control, leading to a much larger conflict, drawing in the United States, Russia, and other world powers.

Sectarian War Flames Across Arab World

by Hussein Askary

Aug. 23—The Arab world is descending at breathtaking speed into a hell of sectarian religious wars. Foreign intervention in the region by the former and current U.S. administrations, and the permanent Anglo-Saudi alliance's manipulation of religious, ethnic, and terror groups, have brought the region to what many observers fear is a point of no return.

The Aug. 23 attack in Tripoli, Lebanon, against Sunni-Salafi mosques during the Friday prayers, following the car-bomb attack on a Shi'a neighborhood in Beirut on Aug. 15, has the earmarks of a "third party" intervention to set Shi'a-Sunni civil wars on the front burner.

This was the same tactic used in Iraq in 2006, when Shi'a mosques were blown up by unidentified, but clearly professional, special forces, and later, Sunni mosques were targeted to give the impression that that was a retaliation from the Shi'a side. In November 2006, then-U.S. Vice President Dick Cheney visited Saudi Arabia and discussed with King Abdullah the creation of a "Sunni Triangle" consisting of Saudi Arabia, Egypt, and Jordan, to encounter the "Shi'a Crescent" of Iran, Hezbollah in Lebanon, Alawite-run Syria, and the Shi'a-dominated government in Iraq. This arrangement started the bloodiest sectarian carnage ever witnessed in Iraq.

Today, leading Lebanese political groups are urging restraint, and a statement by Hezbollah's parliamentary caucus on the Aug. 15 bombings went beyond finger-pointing at rival Muslims to blame "regional intelligence services," which could only refer to the Kingdom of Saudi Arabia.

Hezbollah said, "This terrorist blast was engineered by regional intelligence services that are benefitting from the policies of incitement adopted by some March 14¹ factions. These groups are investing in terrorist *takfiri*² organizations to carry out their plans." These Sunni

fanatics have targeted Lebanon, Hezbollah continued, because of the "catastrophic failure of these *takfiri* groups to achieve the goals set out for them in Syria." Therefore, their failure "has forced their handlers to use them inside Lebanon instead."

The Lebanon-based newspaper *al-Akhbar* noted that the Hezbollah statement "points the finger in the direction of Saudi Arabia and its chief of intelligence, Bandar bin Sultan."

From Pakistan to Morocco

It is not just Syria, Lebanon, and Iraq that are aflame: The sectarian madness is spread all over the Islamic world, from Pakistan all the way to Morocco, which is very far from the center of events.

For example, in Friday prayers in Moroccan cities on the day of Eid al-Fitr, which is supposed to be the celebration of the end of Ramadan, and a time for joy and reconciliation, preachers cursed the Shi'a sect with very ugly language. The irony is that there are no Shi'a Muslims in Morocco to speak of, but the fomenting of anti-Shi'a sentiments by certain preachers is all related to what is going on in Syria, Lebanon, and Iraq. The Saudi ultra-orthodox Wahhabi movement is gaining ground in Morocco, and the government is turning a blind eye to its growth and to Moroccan youth who going to Syria and Iraq for jihad, because the King of Morocco has committed himself to the anti-Assad operation, and is in need of Saudi money and oil.

The sectarian violence has also set off the alarm bells in Egypt. The sectarian, barbaric slaughter on June 23 of a Shi'a cleric, Hasan Shahata, an Egyptian who had converted to Shi'ism, and three of his followers, contributed to getting millions of Egyptians into the streets to overthrow the Muslim Brotherhood (MB) government on June 30. Citizens, and obviously the military, were horrified that the MB and the Wahhabi extremists mean what they say about anybody they designate as *kafir*—i.e., such a person can be killed.

A few days earlier, the Egyptian people had received a similar shock. At the pro-Syrian-rebel rally in Cairo and attended by then-President Mohammed Morsi, some Salafi clerics not only attacked the Shi'a in Iraq, Iran, Syria, and Lebanon, but one of them (Mohammad

1. Saudi-ally Saad Hariri's group in Lebanon.

2. A *takfiri* is a Muslim who accuses another Muslim of being an apos-

tate, or *kafir*. Traditionally, this is only done following strict legal procedures, but some Salafist groups have taken it upon themselves to do it on their own.

Abdel Maqsood) said that every Egyptian who would come out against Morsi for a planned demonstration on June 30 is a *kafir*; he led a prayer calling on God to destroy them and save the Morsi government. The call was received with wild acclamation by the frenzied mob, and Morsi called on the youth to go to Syria for jihad.

The rally triggered a massive media campaign that evening, where horrified commentators showed videos of the rally and told viewers that the kind of slaughter being carried out by the same people in Syria against Alawites, Christians, and even Sunnis who support their government. Such a slaughter, which was encouraged that night by the President of Egypt, will be no more “lawful” in Egypt than it is in Syria.

Two days earlier, a large gang of Salafi clerics had gathered in Cairo, chaired by Qatar-based Yousuf al-Qaradhwai, and declared Alawites and other Shi’a to be non-Muslims who should be fought. They also declared that jihad in Syria was a duty.

It was from fear over Egypt being turned into another Syria or Iraq, that the millions went out to the streets against Morsi, and the army backed them. Morsi was ousted from the Presidency on July 3.

Behind the Scenes

Why did the Saudis, and the Egyptian Salafist party al-Nour, back the ouster of the Sunni MB government? The Saudis want to have Egypt under control, and dependent on their support, to ultimately destroy it. They could not support the Muslim Brotherhood, which was so stupid and clumsy that they wanted to take over Egypt in one bite, a blunder that backfired massively.

Meanwhile, Prime Minister Recep Tayyip Erdogan in Turkey is hysterical, because the Saudis do not have him on board with their plans. The Saudis work permanently with the British only; everyone else is a non-permanent ally. Economically, Turkey is about to face the Icelandic treatment, as the lira carry trade and Saudi/Qatari hot money are about to leave. The tourism sector, which was the largest growth factor, in addition to financial markets, in recent years, is also threatened by the recent developments in Turkey and the region.

The situation in the region is verging on a dark age, and the worst aspect of it is the religious warfare. Unless there is a move to destroy the Anglo-Saudi alliance, have Obama put under control, and reach an arrangement with Russia and China to stabilize the region, things will slide further into Hell.

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A New Economic/Cultural Paradigm Can Create a Beautiful Future for Mankind

Here are excerpts from the discussion with Helga Zepp-LaRouche at the conclusion of her [July 27 webcast](#), “Glass-Steagall: How To Stop the Global Financial Meltdown Over a Weekend; Who Is Out To Topple the Kirchner Government in Argentina, and Why?”

Q: From Nicolas Laos, University lecturer, feature writer for the Greek daily *Hellada*:

In Greece, the government cultivates the expectation that President Obama has an alternative, better policy than that of Chancellor Angela Merkel and the Eurozone, or at least that, in the coming meeting of Greek Prime Minister Antonis Samaras with Obama, the latter will offer the perspective of major U.S. investments, and the purchase of Greek debt by the U.S. under beneficial terms. What are your comments on this?

And from Spain: What would be the problem with leaving the euro?

Helga Zepp-LaRouche: I’m not optimistic about the promises of Obama, because, first of all, look at what he’s doing in terms of economic policy, to the United States itself, which is being turned right now into a new Third World country. Pockets like Detroit or the South don’t speak well for his good intentions; and the problem with Obama and Merkel is that they basically belong to the same category—that they’re not their own masters. I think Obama is not his own master, and I think Merkel is, unfortunately, not her own master: Both are carrying out the policies of the British Empire, or the global Anglo-American, Anglo-Dutch Empire, which is to the detriment of the interest of their own nations.

So, I would not bet my luck on these promises, because unless you have a complete change of the system. I think if you stay within the IMF and the present globalization system, you will have a blowout of the system, anywhere between a hyperinflation, like 1923 in Germany, in the entire trans-Atlantic zone; and you will have the bail-in, which was described earlier, which is the most brutal Cyprus template/Detroit tem-

plate, which none of the European nations would survive.

And since Obama is putting maximum pressure on the Europeans to go in the direction of a banking union, i.e., more Europe, nothing—nothing, not one iota of hope, can be combined with that.

I think no European country will survive this present crisis, if we remain in this system. It is very easy to get out of this, but people say, “Well, but what difficulties will we have if we leave the euro?” Well, this is nothing compared to the difficulty which everyone, including Germany, including Greece and Spain, will have if we remain in the euro. The euro is a complete failed experiment. It was supposed to be that from the beginning. It was never meant to succeed: It was, from the beginning, part of the effort to subdue Europe under the imperial structure of globalization, and it was just a regional expression of this global empire.

Now, we have developed a package of measures which really would remedy the situation. First of all, we need Glass-Steagall. Hopefully, the United States will go for the implementation quickly. Then in every European nation, we need Glass-Steagall legislation on a national basis. Then we need to have the immediate exit from the euro, which, according to international law, is very easy, because every country can leave an international treaty if it violates its fundamental national interests.

Then, however, we need for countries to have sovereign control over their own currencies, and their national economic policies. We have to go for fixed exchange rates, after we have implemented the new lira, the new deutschmark, the new peseta, the new drachma, or whatever currency. Then we have to have a credit system which is not only generating national credit for real production, but we need a long-term, multilateral agreement among the sovereign countries of Europe and other nations of the world, for long-term investments.

The only way that Greece and Spain can come out



Helga Zepp-LaRouche: "As Schiller said many times, if many good people come together for a good plan, then the worst tyranny and the worst power of the tyrant can be broken, and we can create a good future."

of this crisis, is by building up the productive power of your own labor force. You have to repatriate the many skilled people who have left Spain, Portugal, Greece, and you have to create an incentive that they return.

A Marshall Plan for Southern Europe

Now, we have developed a development program for Southern Europe, which has many components, which you can see on our [web page](#). It starts with the infrastructure corridors, which already were agreed upon by the EU transport ministers in 1994: ten corridors into the Balkans, into Greece, into Spain, into Italy; then bridges and tunnels connecting Gibraltar with Morocco; Sicily with Tunisia; and then having the extension of these infrastructure development corridors along the Mediterranean, into the Middle East, into Africa; and then combining that with certain science-driver programs, like space centers in the Canary Islands, a science center in the city of Athens; and other projects such as water management, irrigation, developing the interior parts of Spain, which right now are poorly developed, and poorly populated.

In that way, you create a Marshall Plan for Southern Europe, which may cause some hardship in the beginning, but it would give you a perspective of turning Greece once again into a transport hub between Asia

and Europe, and turning Spain into a transport hub and connection between Europe and Africa. And that way you develop a future.

If you have these kinds of developments, based on high energy-flux densities, then you have a perspective of repatriating young people, of having a serious development plan.

Essentially, you need to do the same thing as FDR did with the New Deal in America; what Germany did after 1945 with the Kreditanstalt für Wiederaufbau (Reconstruction Finance Corporation), which was modeled on the situation in the United States, and then you can have something like the German economic miracle after '45.

If there are multilateral agreements among the nations of Europe and Eurasia, there is no reason why this whole region—which is now

torn by horror, by refugees, by war, by insecurity—cannot be turned into a very prosperous part of the world, if you combine that with a revival of the Classical tradition of ancient Greece, of the great ideas of the pre-Socratic thinkers, of Homer, of Socrates, of Plato, of the great tragedians, of the idea that Greece once was the cradle of European civilization. The same goes for Italy, the Italian Renaissance; for Spain, the Andalusian Renaissance, which helped to bring Europe out of the dark ages.

We have to rekindle these ideas, and then I think that the future of Europe will be absolutely great. But it has to be a complete change of the paradigm, and there is *no* solution possible within the present one.

The Worldwide Battle for Glass-Steagall

Q: We understand that the central strategic battle to restore Glass-Steagall is being waged in the U.S., led by your husband Lyndon LaRouche. What role can and should Europe and Ibero-America play as part of this historic mission? What do you recommend, and what does your good friend Nicholas of Cusa recommend?

Zepp-LaRouche: Well, the simple level is that we have to have a mass movement for Glass-Steagall because of the revolving door policy between the banking

system and the parliaments: We can not just rely on the parliaments, but we have to create the pressure from the base, from the trade unions, from the mayors, from city councils, from the social workers, from the base of people demanding that the parliamentarians introduce very quickly Glass-Steagall laws.

Now, that is possible. We had, for example, in Italy, as I mentioned, already five bills for Glass-Steagall; practically every single party has introduced their own Glass-Steagall law, and the good thing is, they all think it's their idea! Naturally it's not, but it doesn't matter. When people start to think an idea is their own, then they naturally start to fight for it more passionately. We are trying right now, to get these Italians to unify their efforts nevertheless, to make it one, single Glass-Steagall bill, and have the national unity to implement it.

In France, where we had the unfortunate complete disaster of a fake banking separation law, nevertheless we have, I think, presently more than 250 mayors, who have come out to endorse Glass-Steagall. Forty of them have now put it in front of their councils, so that they also should adopt Glass-Steagall, to again make pressure from the base on the National Assembly, to go for Glass-Steagall.

Now, I think mayors and city councilors and these kinds of people are much closer to the problems of their constituents, their villages, their local budgets, their municipal problems, and therefore, they normally understand much, much better why you need this change.

So I think the best thing people in Latin America and in Europe can do, is to create this kind of pressure on the local governments, the local mayors, upward, to the national parliaments, so that people are prepared for Glass-Steagall, that they study what it is, what it was historically, what Roosevelt did, what is happening in the United States.

Feed the battle we are waging in the United States in real time, into each country in Latin America and in Europe. Because the media normally do not support this. We have a gigantic battle; we have turned Washington upside down, and not only Washington, but many state capitals, where we have a gigantic mobilization. And the chance *is* quite realistic that this will be adopted.

If the United States goes for Glass-Steagall, this will mean an *instant* change! And if we then have many national parliaments in Latin America and in Europe,

which already are prepared, with an existing bill, then that can lead to the immediate implementation of similar legislation in each country.

So on that level, it's fairly simple: It just means a lot of work. We need to talk to and educate a lot of elected officials. But that can be done under conditions of this present, very pregnant revolutionary moment in world history, relatively easily.

What Cusa Would Say

That part is easy. And I think if I would ask my friend Nicholas of Cusa what advice he would give, I think he would say, "Go for the new paradigm in thinking." Because, when he was writing his great works *De Docta Ignorantia* and others, he was *completely, completely* aware, that he was thinking something which no human being had ever been thinking before! As a matter of fact, he said so. He said, "I'm writing and thinking now something which has never been thought by anybody, and I know it will create a completely new era of thinking." And you know, if you look at the method of thinking, what he developed, it is true: He developed this idea of the *coincidentia oppositorum*: that you can think on the level of reason, that you can think above all the conflicts, that you can find the One which has a higher quality than the Many.

Recently, my husband has emphasized the role of the Chorus in the Shakespeare play *Henry V*. Schiller wrote a lot of similar things about the role of Chorus in the Prologue of the *Bride of Messina*, and he also applied that method in the Prologue of the great *Wallenstein* trilogy; he applied it not only in the Prologue, but also in *Wallenstein's Camp*: How do you address that level of thinking on the higher level, of not being just self-evident with what you seem to feel and think, but how can you look into the future? How can you have a vision of what the future must be, and then judge what is going on, and should be going on, in the present, from that vantage point?

And when he—Nicholas of Cusa—developed that method of thinking, he *consciously* broke with the entire body of knowledge of his time! Because, if you remember, he lived from 1401 to 1464, which was just the beginning of the 15th Century, leaving behind the Dark Age of the 14th Century; and university life at that time was completely dominated by scholasticism, a kind of mysticism and superstition—the Peripatetics, the neo-Aristotelians—who could not elevate their level of thinking to this kind of thinking from above; so

he consciously polemicized against that, and attacked it. He said, these people who think on that low level, they don't understand anything; and you have to elevate yourself to the level of thinking from above, from the *coincidentia oppositorum*. And since that is not so easy, he wrote, for example, in the beautiful *On the Vision of God*, he developed a metaphor, of how you can actually throw your thinking behind the wall of the coincidence, into one of the opposites.

It is worth studying these works, because these pedagogical writings tell you how you can train your mind not to fall into the trap of empiricism, or positivism, or whatever people nowadays are thinking, but you actually think in terms of a creative human being.

Now, what would be the new paradigm for the future today, in the same way that Cusa broke with the paradigm of the Middle Ages, and introduced the axiomatic thinking for modern times? I think it would mean going away from the idea that war can be a way of conflict resolution in the time of thermonuclear weapons; to go away from the idea of greed; of all these attributes which go along with globalization and monetarism, and go into a new era of civilization, of

adulthood of mankind, where people start to treasure what is most valuable about themselves: their minds and their souls.

Become scientists, become artists, become great teachers, become loving parents, become the kinds of people who reach for the stars, and make sure that civilization will go on for many millennia to come, which may be a mind-boggling idea for most people, but if we want to become the immortal species, the one species which is not going to go extinct in a great extinction which periodically happens, but we prove that we can, through our creative mentation, conquer every problem and become more human. Because *only* if we become more aesthetically educated, if we become more loving, if we become more beautiful human beings from the standpoint of creative minds and beautiful souls, only then is it worth the effort!

So I think we can do it. If we have a good plan, and, as Schiller said many times, if many good people come together for a good plan, then the worst tyranny and the worst power of the tyrant can be broken, and we can create a good future.

So I think that's what we should do.

There Is Life After the Euro!

Program for an Economic Miracle in Southern Europe, the Mediterranean Region, and Africa

AN **EIR** SPECIAL REPORT

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Wall Street Bankers Scurry To Block Glass-Steagall

by Nancy Spannaus

Aug. 26—How far will Wall Street go, in its attempt to squelch the death sentence for their government-supported gambling, which would be imposed by the passage of a new Glass-Steagall Act? With the momentum behind the Glass-Steagall revival growing, in the face of increasing signs of a new financial blowout on the eve of the return of Congress, the evidence is that Wall Street, the outpost for Anglo-Dutch finance in the U.S., is in a panic mode, and mobilizing all the assets at its disposal to try to kill the bill.

The pattern is straightforward, and clearly coming from the top of the Anglo-Wall Street banking establishment:

- On Aug. 7, JPMorgan Chase's chief executive Jamie Dimon, head of the most powerful criminal bank on the Street, took the occasion of an interview with Oklahoma's leading paper, the *Daily Oklahoman*, to oppose the reinstitution of Glass-Steagall and endorse the "bail-in" alternative, Dodd-Frank.

- On Aug. 9, the California Bankers Association

issued a letter to a wide array of members of the California State Assembly, declaring its opposition to the Glass-Steagall Memorial (ACR 73) which had been introduced there Aug. 5, branding it a "Lyndon LaRouche measure"—in an almost laughable attempt to ignore the broad support in Congress (75 sponsors in the House, 9 in the Senate) and the financial community.

- On Aug. 12, an unprecedented contingent of bank lobbyists, including advocates for JPMorgan Chase, Citibank, and Bank of America, descended on the National Conference of State Legislatures in Atlanta, to defeat a resolution calling on Congress to pass the Glass-Steagall bills now before Congress.

- On Aug. 19, President Obama summoned his top financial advisors to the White House, to demand immediate action to complete the Dodd-Frank regulations, in a desperate attempt to head off the momentum for Glass-Steagall.

- On Aug. 21, a letter by the Chief Operating Officer of the American Bankers Association, Michael J. Hunter, appeared in the *Daily Okla-*



Flickr/Steve Jurvetson

Jamie Dimon, CEO of JPMorgan Chase, the biggest bandit bank on Wall Street, has made no secret of his visceral hatred of Glass-Steagall, and support for the Dodd-Frank "bail-in" swindle.

homan, attacking any revival of Glass-Steagall as “dangerous,” and attempting to counter a pro-Glass-Steagall op-ed published Aug. 14 by *EIR* Economics editor Paul Gallagher (see boxes).

Sensing that Glass-Steagall means the end of their murderous looting, by calling the question on their worthless gambling debts, these bankers are going berserk. But they can only succeed if Americans fail to summon the courage to fight for a total victory—beginning with imposing Glass-Steagall, and proceeding immediately to the installation of a Hamiltonian credit system for launching huge projects for technological progress, starting with NAWAPA XXI.

An Impending Deadline

When Congress returns Sept. 9, it will, in all likelihood, face a dramatic new phase of the bankruptcy crisis of the financial system. Lyndon LaRouche, in his Aug. 23 webcast, projected that this Fall will see the outbreak of a debt blowout leading to the crash of the system. Then, he said, the question is not going to be who will end up on top, but who will lose. The top bankers know that their massive debts can never be paid, so what they will do is the so-called “bail-in,” a wipeout of trillions of dollars of fake assets that will pull the livelihood out from under whole sections of the U.S. population.

Unless an entirely new system, based on Glass-Steagall and the credit system, is put in place, there will be a mass shutdown of incomes, bank accounts, and food—just as in the Cyprus and Detroit situations. The U.S. will be subjected to just what the Queen of England and her cohorts intend: a rapidly increasing death rate leading to depopulation.

LaRouche laid it out again Aug. 23:

“So the point is, if you’re a patriot, your only option is to destroy this oligarchical system. So therefore, you have to shut it down. Now, the question is then, what’s the shutdown? Well, there’s only one option we have; it’s called Glass-Steagall. And under Glass-Steagall, under the policy which I’ve specified, which is Glass-Steagall—but you have to have certain specifications as to how this is going to work. And the way I have it, we



EIRNS/Sylvia Rosas

While many Americans seem to have lost a vision of the future, LaRouchePAC has taken up the mission of providing that vision, centered on Glass-Steagall, and a thermonuclear fusion-based NAWAPA. Here, LPAC organizing in Irvine, Calif., August 2013.

will simply put the whole thing through reorganization. It means that we will wipe out the people who are behind the bail-in and bail-out and so forth. They don’t have any value. They’ve been going along with gambling, gambling, gambling, gambling, and never doing anything to secure that gambling. This money, their supposed assets that they keep rolling over—there’s no value in them. . . .

“With Glass-Steagall we do two things: First of all, we cancel all these debts that are fake. Most of the inflation that you’re experiencing in the United States and Europe is a result of an inflated value of worthless money. There may be some small amount of all that debt that has some intrinsic value, or could be claimed to have intrinsic value. Most of it is going to have to be wiped out. Either it will be wiped out voluntarily, or by law, it will wipe itself out, because it can not continue to survive because the money is all fake. So that being taken into account, that is what we’re faced with.

“Now, most people, unfortunately, including bankers generally, and a lot of accountants and general forecasters, really don’t understand what this is all about. It’s not that somebody is hiding it from them, it’s that they don’t want to believe the truth. So what we do, simply, is this: We would take and enact Glass-Steagall. What that means is we would go to a new system, it’s the same system the nation was founded on. The first George Washington Administration had the same policy

I'm talking about now. Which means that you give credit, you don't put out money and tell people to buy the money and then spend the money. What you do is, you give them credit.

"Now the way it would work—for example the way Alexander Hamilton approached it—what you would do first of all, is you would have a season, just to take a simplistic view of how this thing actually worked with him. You have a season. Now, a season will generally

start with a year, which means that you're getting into the beginning of the year, which is the time you start to get into crops. So you have this period from Christmas on, from New Year's on, until the crops begin to be planted and harvested, and similar kinds of things done. And the farmer, in the meantime, is getting ready for the growth of the crops and whatever else is involved in this. Then at that point, harvest time comes. And at harvest time, now the farmer's product is now on the

Gallagher Op-Ed: Restore Glass-Steagall Act Now

The following op-ed by EIR economics editor Paul Gallagher was published Aug. 14, 2013 in the Daily Oklahoman.

In "JPMorgan Chase's CEO sounds off on regulation, growth of institution" (Business section, Aug. 7), Jamie Dimon said we shouldn't restore the federal Glass-Steagall Act because Australia and Canada have supposedly done all right without such a law. I disagree.

America isn't a sparsely developed and grossly underpopulated British former colony; it became the world's leading industrial and agricultural power on the basis of the credit and commercial banking system originated by George Washington's treasury secretary, Alexander Hamilton. The 1933 Glass-Steagall Act was a return to Hamilton's principles of national banking after Wall Street had taken the country far astray in the 1920s, leading to collapse.

Dimon and fellow bankers did that again after Glass-Steagall's repeal in 1999, with the same catastrophic result. Re-enactment of the American System Glass-Steagall legislation should have been accomplished by now. It prevented government-insured commercial bank deposits from being used for speculation by investment firms.

Three bills to restore Glass-Steagall are pending in Congress. Glass-Steagall memorial resolutions are pending in 25 state legislatures; consideration of it has gone worldwide (including four Glass-Steagall bills in Italy's parliament).

Today, nearly five years after the bailout, Dimon says his firm, which just agreed to a \$500 million fine for California electricity price-manipulation, doesn't need Glass-Steagall. Dodd-Frank works for him, comparing that fine to what Enron and its chief executives ultimately faced.

Glass-Steagall didn't allow banks to own and speculate with commodities, power plants, oil tankers and metals warehouses. It would have prevented JPMorgan Chase's electricity ventures. Detroit, Philadelphia and other cities are being bankrupted by interest-rate swaps based on banker-rigged LIBOR rates. Banks could not have sold those swaps under Glass-Steagall. If they had not been sold by a bank floating its municipal bonds, what city would have bought swaps?

The United States has lost its essential industries, like auto, steel and power, which provide the material for the transportation, water and power systems, and the good-paying jobs the people need. Instead, banks speculate with 60 percent of the nation's deposits.

Wall Street investment banks' speculative losses on mortgage-backed securities were backstopped by the federal government. Glass-Steagall protects citizens from paying for their losses. Glass-Steagall isn't simply sane banking legislation. It represents a return to the principles of Alexander Hamilton, who rebuilt an indebted nation after the War of Independence by creating credit for each wave of production, which in turn, would fund the next one.

At every point, humankind's power over nature, reflected in improved potentials of productivity and intelligence in the workforce, is enhanced. Congress must restore Glass-Steagall now.

Gallagher is an economics editor of Executive Intelligence Review's online weekly magazine, which has supported restoration of the Glass-Steagall Act.

market, and people are buying that product. So then we go into another phase, when the farmer has now become enriched in a sense.

“So now we go to the next phase. How about the production, the physical production and so forth? And also building of canals and things of that sort, which were essential for the economy. So what we have is, we denote the value of transactions in those terms, as credit terms. And the credit of the farmer is then used to buy the goods of the machinist or the other trader.

“And it goes around in that circle, so that really you are never looking at money as such. You may use money as a way of denoting something. Paper money, as a way of denoting an obligation. Who’s got it? What’s the score? But the actual foundation of this is what are we producing and consuming. And what is the benefit of what we’re consuming for us?

“So on that basis, what I would do—and probably will do if I ever get a chance to do this, right now; it’s what we have to do right now—we have to put the whole thing through bankruptcy reorganization. And we do that simply by Glass-Steagall. The Glass-Steagall law, carried out in the same design that Franklin Roosevelt did it the first time around. And that’s the first thing we do.

“Now, we have to go to increase the productivity of

the labor force, which means we have to give not only more productive work, producing things that are needed. Transportation, all kinds of things. But we must also *increase* the actual physical value in terms of production. More and better crops; more and better manufactures; more and better services; more and more canals, railways, things of that sort. So this whole process is a cycling, a recycling of the process of productivity. And that’s what we have to do.”

What Wall Street Is Protecting

There are few honest Americans who don’t realize that Wall Street, under the recent Presidential administrations, and especially since the repeal of Glass-Steagall in 1999, is the crime capital of the United States. “Money” is used to enrich a financial oligarchy, at the expense of the living standards, labor power, and productive potential of the real U.S. economy upon which human life and progress depend. The methods range from fraud to outright theft.

What people don’t know is that a restored Glass-Steagall would outlaw the major looting practices now underway.

Take the case of JPMorgan Chase, which is now under investigation for wrongdoing in at least 10 different scams. So far, most of these cases are civil suits, and

ABA Attacks Glass-Steagall

Aug. 27—In a letter to the editor in the Daily Oklahoman Aug. 21, American Bankers Association (ABA) Chief Operating Officer Michael J. Hunter published the following inane attack on Glass-Steagall. EIR has learned that this op-ed is being distributed to bankers who call ABA state or national headquarters on the issue.

Unfortunate myths

Paul Gallagher’s call to revive the 80-year-old Glass-Steagall Act (Point of View, Aug. 14) [see box: “Gallagher Op-Ed: Restore Glass-Steagall Act Now”] propagates a number of unfortunate myths about the American economy and banking system. Allowing bank holding companies to build diversified businesses in lending, securities, insurance and

other sectors strengthened our financial systems. The biggest firms to fail or be bailed out during the 2008 financial crisis—Lehman Brothers, AIG—weren’t traditional banks at all. Had Glass-Steagall remained in place, even more investment banks would likely have collapsed, plunging the world economy into an even deeper trough.

Reviving Glass-Steagall would also break apart America’s largest banks, severely diminishing the banking sector’s ability to meet the needs of our economy. This would likely crush the tenuous economic recovery and push American businesses to seek financing either offshore or in the lightly regulated shadow banking system, which wouldn’t eliminate risk-taking but instead move it out of sight where it’s harder to monitor. Gallagher’s call for a return to Glass-Steagall simply ignores the facts.

Glass-Steagall would not have prevented the financial crisis. Bringing it back would do enormous damage and little good.

JPMorgan has walked away with fines of hundreds of millions of dollars—which they consider just the cost of “doing business.”

One of the latest fines JPMorgan paid was to settle a lawsuit accusing it of mishandling the money of pension funds and other clients by investing it in notes from Lehman Brothers Holdings Inc., which went bankrupt. The Lehman notes had been bought on behalf of participants in JPMorgan’s securities lending program, led by the Operating Engineers Pension Trust of Pasadena, Calif. JPMorgan’s pouring of money into Lehman, which it knew to be hyper-overleveraged 35-40:1 in securities trading, would have been *outlawed* by Glass-Steagall, which did not permit commercial banks, which JPMorgan Chase claims to be, to support securities broker-dealers by these methods.

JPMorgan Case is also under investigation, once again, for mortgage securities fraud, according to an Aug. 18 article in the *Wall Street Journal*. Then there is its price racketeering in commodities, and its practice of electricity price gouging, for which it paid a \$500 million fine recently. Both of the latter two practices would be banned by Glass-Steagall.

Life Without Wall Street

What lies behind Wall Street’s hysteria to stop Glass-Steagall is the realization that it would represent a death sentence, not just for the bankers’ crimes, but for their very existence. Wall Street’s gambling excesses have been so enormous that it could not survive an honest bankruptcy reorganization, such as FDR put the banks through in the 1930s.

Unfortunately, the American and Europeans population largely suffer from the same disease of monetarism, and find it frightening to think of life without the dictatorship of the markets. What they have lost is the vision of the future, last provided by President Kennedy, and a conviction that progress is not only necessary for human survival, but also possible.

It is in this context that LaRouchePAC has taken up the mission of providing that vision—the nuclear/thermonuclear NAWAPA that is initially outlined in the *Feature* in this issue of *EIR*.

The first step to that future is to defeat Wall Street by ramming through Glass-Steagall. Wall Street’s death is the pathway to a prosperous life again, not only for our nation, but for the world.

REVIVE GLASS-STEAGALL NOW!



LaRouchePAC is now leading a nationwide effort to push through legislation for Glass-Steagall (www.larouchepac.com).

“The point is, we need Glass-Steagall immediately. We need it because that’s our only insurance to save the nation.... Get Glass-Steagall in, and we can work our way to solve the other things that need to be cleaned up. If we don’t get Glass-Steagall in first, we’re in a mess!”

—Lyndon LaRouche, Feb. 11, 2013



WATCH the [LaRouchePAC](http://www.larouchepac.com) video:

‘Glass-Steagall: Signing a Revolution’

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Bundesbank Backing For Bail-In Hints at Imminent Bank Crisis

by the Editors of the *Strategic Alert*

Aug. 26—In an abrupt about-face, the Bundesbank, the German central bank, has now endorsed the EU scheme of bail-ins, to be carried out by a single, supranational resolution authority, as opposed to sovereign national governments. In a speech in Salzburg Aug. 18, Bundesbank board member Andreas Dombret called for rapid implementation of the Single Resolution Authority: “I firmly believe we should entrust a newly established European institution with resolution powers as laid out in the Recovery and Resolution Directive [of the June 27 EcoFin meeting]. It must become a strong and independent body with full decision-making powers.”

Deutsche Wirtschafts Nachrichten (German Economic News) commented: “So far, the Bundesbank had held off on the issue. If it now dares to come out of cover, one is led to conclude that some banks are on fire. After the general elections, depositors’ participation in the risks of their bank may come faster than they would like.”

Dombret complained about the delay in adopting the bail-in scheme by individual EU countries: “Implementation efforts therefore have to be treated as an urgent matter in all jurisdictions. We would have to pay dearly for any delay. To summarize, we cannot accept any excuse for deviations from timely implementation.”

The Looming Crisis

Why the urgency? *Deutsche Wirtschafts Nachrichten* poses the question, and answers: “A glance at banks’ balance sheets brings clarification. The liabilities of banks in the Eurozone amount to 250% of total economic performance. Liabilities are higher than alleged assets. Spanish bank debts alone amount to 305% of GDP, or about 3.3 trillion euros. The balance sheets of the banks indicate risks which are a multiple of government debts. They amount altogether to 9.3 trillion euros.”

Since states have no more money, depositors are called upon to save the banks. As Dombret said in Salzburg: “the bail-in is ‘in’ and the bail-out is ‘out’!”

Dombret, who worked at Rothschild, J.P. Morgan, and Bank of America before going to the Bundesbank, also made a point of attacking proposals to reintroduce a Glass-Steagall-style measure, i.e., the separation of commercial from investment banking.

He explained the principle: “The idea is to create a category of rather traditional banks whose customers would be protected by deposit insurance schemes. On the other hand, those banks engaged in riskier and more volatile business could not rely on deposits, nor would they be rescued at the taxpayers’ expense. In addition, the separation could simplify group structures. This would facilitate risk management and supervisory scrutiny as well as resolution, if need be.

“However, as the boundaries between various banking activities are fluid, it is difficult to draw a clear line between them. Consequently, structural interventions in banks’ business models must be carefully designed.”

Translation: Former Rothschild/Morgan official Dombret thinks that separating banks is “difficult,” while stealing depositors’ money is much easier.

A Greek Trigger?

One trigger for the “bail-in” theft in Germany could be the crisis in Greece. Finance Minister Wolfgang Schäuble hinted in that direction at an election event of his Christian Democrats in Ahrensburg on Aug. 20, where he said that later this year, there would have to be a discussion of “Greece’s need for another program,” because the country will not be able to stand on its own feet, when the current, second program expires in 2014. That program would involve, besides more draconian austerity, a new “haircut” on Greek debt, now largely held by the European Financial Stability Facility (EFSF), the European Stability Mechanism (ESM), and the European Central Bank (ECB) (i.e., by the governments that are guarantors of those institutions).

The amount Germany would have to bail in is enormous: Schäuble himself recently told the Bundestag it was in the range of EU95 billion. The *Frankfurter Allgemeine Zeitung* wrote, however, on Aug. 21, that Germany would have to foot the bill for at least EU122 billion, and prominent bailout critics such as Prof. Hans Werner Sinn of the Munich-based IFO Institute estimate a minimum risk of EU533 billion.

Florida Suit Could Rip Cover Off Anglo-Saudi Role in 9/11

by Edward Spannaus

Aug. 25—A Freedom of Information Act lawsuit pending in Florida, seeking information on a wealthy Saudi family, who were living in Sarasota, and who fled from the U.S. just prior to the Sept. 11, 2001 terror attacks, could further expose the Saudi support network which made the 9/11 attacks possible. The Sarasota family had close ties to the Saudi royal family.

This is the second node of the Saudi 9/11 support network to surface; the first was discovered in San Diego during 2002 by investigators for the Congressional Joint Inquiry into the 9/11 attacks (see *EIR*, Aug. 16, 2013).

The Florida lawsuit, in conjunction with efforts underway in Congress to force disclosure of the suppressed 28 pages of the Congressional Joint Inquiry, could blow the lid off the 12-year Bush-Obama coverup of the British-Saudi sponsorship of the 9/11 attacks.

In mid-July, the Obama Justice Department filed papers in Federal court in Fort Lauderdale, Fla., acknowledging that the FBI's Tampa office has more than 15,352 documents, which probably contain "hundreds of thousands of pages of records related to the 9/11 investigation." The Tampa field office covers 18 counties in central Florida, including Sarasota.

According to court documents, the FBI had previously provided no indication that the Tampa area had any significant connection with the 9/11 investigation. The Congressional Joint Inquiry mentions Tampa only once, in noting that hijacker Mohamed Atta had traveled through there in January 2001; it also cites the fact that Atta had trained, along with another hijacker, at a

flight school in nearby Venice. But, according to an analysis done by the plaintiffs in the FOIA suit, it appears that the FBI had over 2,500 documents pertaining to its 9/11 investigation, filed in just one week's time—between Sept. 19 and Sept. 25, 2001—indicating that it had conducted an extensive investigation in the Tampa area, and that it knows a lot more than it has let on.

Saudi 'Aid and Assistance' for 9/11

Brought by the online Broward Bulldog news site and its founder Dan Christenson, the FOIA suit seeks the disclosure of FBI documents "concerning persons who may have provided aid and assistance to the terrorists in the days and years leading to the [9/11] attack."

Explaining its objective very clearly, the complaint in the lawsuit declares: "The records are sought to determine whether the FBI uncovered evidence that in Sept. 2001, Saudi nationals living in Sarasota, Florida had close ties with high-ranking Saudi government officials, supported al-Qaeda, provided material aid and comfort to the terrorists who carried out the 9/11 attacks, and then left the United States abruptly just days before the 9/11 attacks took place.

"Furthermore, the records are sought to determine whether the FBI, in order to protect the Saudi government or for other reasons, concealed or withheld such evidence from Congress, other U.S. government officials responsible for investigating the 9/11 attacks, the American public and news media."

The Sarasota connection to the 9/11 attacks only

emerged ten years later, in 2011, when British author and investigator Anthony Summers approached Christenson and the Broward Bulldog for help in researching leads that tied a number of the hijackers to Florida, and to aviation schools there. Summers' investigations had identified certain Saudis living in Sarasota with links to both the Saudi royal family and to the 9/11 hijackers, namely Saudi financier Esam Ghazzawi and his wife, who owned a high-end home in a gated community at 4224 Escondito Circle, and their daughter and her husband Abdulaziz al-Hijji.

As a result of their collaboration with Summers, the Bulldog and other news outlets began publishing a series of articles beginning in September 2011, which showed not only extensive ties between the residents of the Escondito Circle house and a number of the 9/11 hijackers, but which also showed that the FBI had investigated the Sarasota connection, but never reported it to the Congressional Joint Inquiry or to the 9/11 Commission.

Ghazzawi had first come to public attention in the West during the 1990s investigations of the terror-linked Bank of Credit and Commerce International (BCCI), when it was disclosed that he was holding (or hiding) assets of Saudi Prince Fahd bin Salman, who died less than two months before the 9/11 attacks. Prince Fahd's younger brother, Prince Ahmed bin Salman, was one of the Saudi princes identified by al-Qaeda leader Abu Zubaydeh as directly financing al-Qaeda; three of the princes turned up dead within months of Zubaydeh's admissions.¹

The head of security for the gated community where the Ghazzawi house was located, reported that his records of vehicles and visitors entering the community and visiting the Ghazzawi house included hijacker-pilots Mohamed Atta, Marwan al-Shehhi, and Ziad Jarrah, hijacker Walid al-Shehhi; and Adnan G. El-Shukrijumah, who was identified in a 2010 indictment as a leader of al-Qaeda's external operations program, and a planner of the foiled 2009 plot to bomb New York City subways. Subsequent investigations showed that additional 9/11 hijackers had been in contact by telephone with the Ghazzawi house.

'No Connection,' or 'Many Connections'

With all this, one might expect the Sarasota-Saudi connection to have been a major focus of investigation by the FBI and other agencies. Nonetheless, the FBI

issued a statement shortly after publication of the initial Broward Bulldog article, stating that "There was no connection found to the 9/11 plot." Former Florida Sen. Bob Graham, who terms the Sarasota disclosures "the most important thing to surface about 9/11 in the last seven or eight years," said that nothing about the Sarasota investigation had been reported to the Congressional Joint Inquiry by the FBI. Former Congressman Lee Hamilton, chairman of the 9/11 Commission, likewise said that the Commission was never told anything about the Sarasota connection.

But last year, after the Bulldog sued the FBI and Justice Department, the FBI released a handful of records, including an April 2002 report that said that its investigation of the Escondito Circle residence and "of the [deleted] family revealed many connections between the [deleted] family and individuals associated with the terrorist attacks of 09/11/2001." The FBI documents also said that "a [deleted] family member . . . was a flight student at Huffman Aviation"—a flight school attended by at least two of the 9/11 hijacker-pilots, Mohamed Atta and Marwan al-Shehhi.

Now, in its latest court filing, the FBI has admitted having over 15,000 documents on 9/11 in its Tampa office. The DoJ filing states: "The FBI's Tampa office alone has more than 15,352 documents (serials), which together contain, potentially, hundreds of thousands of pages of records related to the 9/11 investigation." While admitting this, the DoJ and FBI are stonewalling the Bulldog's request for a more thorough search of these documents for relevant information.

The Bulldog is very clear as to what it is looking for. "For example," their lawyers write, in arguing for a more specific document search, "if any one of the documents reflected that Abdulaziz al-Hijji, a resident of the [Sarasota] home, was paid as an agent of the Saudi royal family to provide comfort and aid to Mohamed Atta while he learned to operate the Boeing 757 that he would fly into the Twin Towers," such a document would not be found under the search methods used by the FBI.

The Broward Bulldog and the 9/11 Families group are also seeking declassification of the 28 pages from the Joint Congressional Inquiry report—as *EIR* has been doing for the past two years. Taken together, these two initiatives would expose not only the Saudi-British hand behind 9/11 and all major acts of terrorism in the past two decades, but also the systematic coverup of the truth about the 9/11 attacks, perpetrated first by the Bush-Cheney Administration, and aggressively carried forward, up to the present, by the Obama Administration.

1. "See, Edward Spannaus, "Abu Zubaydeh Case Shows Fraud of NSA'S Dragnet Surveillance," *EIR*, June 21, 2013; these facts are also cited in the Bulldog's FOIA complaint.

U.S.-China Military Ties Take Another Step Forward

by Carl Osgood

Aug. 26—Relations between the U.S. military and the Chinese People's Liberation Army (PLA) moved forward last week, with the visit to Washington of Gen. Chang Wanquan, the Minister of National Defense of the People's Republic of China. Secretary of Defense Chuck Hagel held a joint press conference with Chang at the Pentagon on Aug. 19, after three hours of talks, and then held further discussions over lunch. A two-and-a-half hour dinner later included an exchange of gifts.

Chang's visit came within the context of a raging battle in the Obama Administration, and within the larger Washington policy establishment, over China policy. The visit is part of an ongoing effort to counter the British anti-China policy, as expressed in the Obama Administration's so-called Asia pivot, with its intent to surround China with U.S. military bases, and by provocations like those by Sen. John McCain (R-Ariz.), to take sides in the territorial disputes between China and some of its neighbors.

Prior to his arrival at the Pentagon, Chang paid a visit to U.S. Pacific Command headquarters in Hawaii on Aug. 16, and the headquarters of the U.S. Northern Command and NORAD at Colorado Springs, on Aug. 18. In Hawaii, the general and U.S. Pacific Command (USPACOM) chief Adm. Samuel Locklear "discussed a wide range of developments in the U.S.-China military relationship during the visit, including humanitarian assistance, military medicine and multi-lateral collaboration and cooperation in regional security and stability," according to a posting on USPACOM's Facebook page. In Colorado, Chang met with Northern Command chief Gen. Charles Jacoby, and the two exchanged views on how the military provides support to civil authorities during man-made or natural disasters. "We were well received and experienced warm hospitality from the American people and from the officers and soldiers of the U.S. military," Chang said of these visits.

Hagel: Goal Is To Build Trust

At the Pentagon, Hagel and Chang both described their discussions as fruitful, and as moving the U.S.-Chinese military relationship forward. The matter of "trust" was at the center of both of their remarks to the U.S. and Chinese press. "One of the themes we emphasized today was that a sustained, substantive military-to-military relationship is an important pillar for this strong bilateral relationship," Hagel said. "The United States welcomes and supports the rise of a prosperous and responsible China that helps solve regional and global problems." He added, "Our goal is to build trust between our militaries through cooperation," and that he and Chang "affirmed that we will continue expanding our defense exchanges and joint exercises."

Hagel reported that the U.S.-China Military Maritime Consultative Agreement Working Group was meeting in Hawaii concurrently with the press conference "to discuss humanitarian assistance and disaster relief," and that on the weekend of Aug. 24-25, the vessels from the U.S. and Chinese navies would be participating in a joint anti-piracy exercise in the Gulf of Aden.

The high-level visits, notably by Joint Chiefs of Staff Chairman Gen. Martin Dempsey to Beijing last April, will also continue. Air Force Chief of Staff Gen. Mark Welsh and Army Chief of Staff Gen. Ray Odierno will both visit China later this year, and commander of the PLA Navy, Adm. Wu Shengli, will visit the United States. Hagel noted that Dempsey has also extended an invitation to his counterpart, Gen. Fang Feng Hui, Chief of the General Staff of the PLA, to visit Washington.

Hagel also noted that Chang raised two initiatives that were first discussed between President Obama and Chinese President Xi Jinping during their summit in California last June: one, a way to notify each other of major military activities; and, two, rules of behavior for military air and naval activities. "I welcomed this discussion and noticed that the transparency that we've



DOD/Glenn Fawcett

The meeting between Chinese Defense Minister Gen. Chang Wanquan and U.S. Defense Secretary Chuck Hagel in Washington last week took place amidst an intense conflict within the Obama Administration over U.S.-China policy. The two leaders are shown here, at a Pentagon press conference Aug. 19.

had is important to reducing the risk of miscalculation and avoiding unintended tensions or conflicts,” Hagel said. “Our staffs are exploring those initiatives and will continue discussing them.”

Building a New Model Relationship

General Chang echoed much of what Hagel said when it came his turn to speak. He said that he and Hagel “had a candid and deepened exchange of views over our national and military relations, international and regional security issues, and other issues of common concern,” and then announced the five agreements that the two of them had reached. They agreed that the U.S.-China military relationship “is an important component of our overall bilateral relations and that the current military relationship is gaining a good momentum.”

Secondly, they agreed to continue the high-level exchanges described by Hagel, including to set up an exchange mechanism between the PLA’s Strategic Planning Department and the Strategic, Plans and Policy Directorate (J5) of the U.S. Joint Staff.

Thirdly, “Both sides agreed to play a constructive role in regional affairs, promoting the positive interaction between the two militaries in this region,” Chang said. “We also agreed to strengthen coordination and cooperation under Asia-Pacific multilateral security dialogues, mechanisms, and frameworks. China will par-

ticipate in the Rim of the Pacific exercise in 2014, as invited,” he added.

Fourth, both sides “agreed to further enhance exchanges and cooperation in humanitarian assistance and disaster relief, counter-terrorism, anti-piracy, and peacekeeping.”

And finally, they agreed to deepen military archives cooperation in relation to continuing U.S. efforts to locate the remains of soldiers missing in action from the Korean and Vietnam wars.

“At present, the China-U.S. relationship is in a new historical era,” Chang concluded. “Building a new model of China-U.S. mili-

tary relationship can help us to increase strategic trust to reduce strategic risks and to maintain world peace and regional stability. China is ready to work with the U.S. to seriously implemented our presidents’ important consensus, to raise our military-to-military relationship to a new height by strengthening our dialogue, communication, and practical cooperation, and to properly handle our disputes and differences.”

Tensions Remain

A closer dialogue will provide opportunities to hash out significant matters of disagreement between the two sides; some of these came up during the joint press conference. Hagel made reference to the territorial disputes between China and some of its neighbors during his opening remarks. “With respect to competing maritime claims, I noted that while the United States does not take a position on sovereignty in these cases, we do have an interest in these claims being resolved peacefully, without coercion,” Hagel said. In the past, both Hagel and Dempsey have reminded the Chinese that the U.S. still has treaty obligations with certain other Pacific powers, which could come into play, particularly those with Japan and the Philippines, though this fact was not explicitly raised during the press conference.

In response to a reporter’s question, Chang reviewed the meaning of the Obama Administration’s policy of

“rebalancing” to Asia, for China. Chang noted that China welcomes the U.S. to play a constructive role in the Asia-Pacific region. He also noted the increasing intensity of U.S. military relations with other countries of the region, particularly with regard to joint and multi-lateral military exercises. “From a certain [perspective], this kind of intensified military activities further complicated the situation in the region,” he said.

“China is a peace-loving nation,” Chang continued. “And we hope that this strategy does not target a specific country in the region. And the development of China is not only conducive to our own country, to the entire region, but also to United States. Being together with all the Asia-Pacific countries, regional countries, including the United States, it is a common aspiration of all of the countries that we wish to have peace in the region. Therefore, it is our hope that this rebalancing strategy is a constructive one that could help the peace and stability in the region.”

In response to another question, Chang characterized China as a defender of peace and stability in the Asia-Pacific. “We always insist that related disputes be solved through dialogue and negotiation,” he said. “However, no one should fantasize that China would barter away our core interests. And no one should underestimate our will and determination in defending our territory, sovereignty, and maritime rights.”

McCain Stokes Territorial Dispute

Senator McCain was meanwhile doing his best to stir up tensions between the U.S. and China when, on a visit to Japan, he stoked the flames of the territorial dispute between Japan and China over the islands known as the Senkakus in Japan, and the Diaoyu in China. Despite the well-established principle that the U.S. does not (officially) take sides on territorial issues, McCain told a news conference in Tokyo Aug. 21, “The Congress in the United States’ resolution last year said that the [Senkaku Islands are] Japanese territory. That is our position as a Congress and as a government. I will continue to repeat that when I go to China.”

Chinese State Councilor Yang Jiechi met with McCain and Sen. Sheldon Whitehouse (D-R.I.) in Beijing on Aug. 23 and urged the United States to correctly understand the Diaoyu Islands issue, and be cautious with words and deeds. On China-U.S. relations, Yang told McCain and Whitehouse that the two sides should continue to work together to implement the consensus between Presidents Xi and Obama to build a new type

of “major power relationship” based on mutual respect and cooperation. McCain apparently backed down from his earlier statements in Japan, according to Xinhua, and said that he supports enhanced communication and coordination between the two sides to push forward cooperation in bilateral, regional, and international fields.

The PLA Responds

Chinese media coverage of the defense ministers’ meeting was generally positive. The Chinese Ministry of Defense placed the arrival ceremonies and the press conference on its website. One PLA commentator, Senior Colonel Zhao Xiaozhuo, in an interview with PLA TV, which was then published in the PLA’s *Liberation Daily*, explained how the U.S. “rebalancing to Asia” is effectively creating three major “imbalances.”

Firstly, it involves the increasing power projection of U.S. military might in the region, with arrangements for an increased basing of U.S. military forces in allied countries.

In fact, the U.S. military has been very active in recent weeks, moving toward that increased basing. Over the past week or so, the Obama Administration has been negotiating with the Philippines for increased access to military bases for U.S. forces. These would not be permanent garrisons, but rather rotational forces from other bases in the Pacific, and from the U.S. The U.S. Air Force and Marines are upgrading airports in the Mariana Islands, including Tinian, whence the atomic bomb missions against Japan were launched in 1945. These are to be used as secondary airfields in case other bases, including Guam, were to become unavailable. The contingent of U.S. Marines rotating through Darwin, Australia is slated to grow from the current 250 troops to 1,000 next year, and then 2,200 by 2015. The U.S. Air Force rotational presence in Australia is also scheduled to grow.

Gen. Herbert Carlisle, commander of U.S. Pacific Air Forces, told reporters at the Pentagon on July 29, that initially, the Air Force presence in Australia will consist of fighters and air-refueling tankers, but will eventually expand to include heavy bombers. B-52s from Guam have already visited Australia for exercises. Carlisle went on to describe how the Air Force is planning to increase its rotational presence all across the Pacific, to include Thailand, Singapore, India, and possibly even Malaysia and Indonesia. The idea behind this shift, wrote *Foreign Policy*’s John Reed, is to “ring

China with U.S. and allied forces, just like the West did to the Soviet Union, back in the Cold War.”

Secondly, PLO commentator Zhao says, the fact that the United States has indicated that the very announcement of this new policy has “heated up” many of the numerous regional border conflicts, which had been deliberately put on ice for years, in order to avoid conflict. The announcement of the “pivot,” later recast as “rebalancing,” has encouraged U.S. allies, such as Japan and the Philippines, to become more “assertive” over these conflicts.

And, thirdly, while the United States insists that the “rebalancing,” including its military doctrinal aspect “Air-Sea Battle,” is not aimed at anyone, its implementation is incontestably crafted with China in mind, and is understood as such in China. The doctrine also assures that American arms can directly target the Chinese mainland.

The PLA has agreed to continue working toward a closer military-to-military relationship with the United States after President Xi won a commitment from Obama in California that the two countries would work overall to build a “major power relationship.” What form such a relationship is to take is still not clear, with

some commentators foolishly treating it as an empty slogan. Unless it receives a positive content, however, the forward momentum in U.S.-China relations will be quickly reversed. If the United States and China are to avoid that much-discussed “Thucydides Trap,” so elegantly coined by analyst Graham Allison, they must look back, not to the conflict between Athens and Sparta, but to Europe after the period of religious wars of the 16th-17th centuries, in the crafting of the Peace of Westphalia (1648). At its foundation was the concept of taking into consideration “the benefit of the other” to achieve a lasting peace between nations.

While the Westphalian model has been denigrated by the likes of Tony Blair and Susan Rice, who are intent on using U.S. military might to build a new imperial model based on their interventionist “Responsibility To Protect” doctrine, it is only a Westphalian type of arrangement among sovereign nations committed to global economic development that can assure peace among nations in the Asia-Pacific, and especially between the two leading Pacific powers, the United States and the People’s Republic of China.

William C. Jones contributed to this article.



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THE PRINCIPLE OF THE FUTURE: FOR HELGA'S BIRTHDAY.

Mankind Is No Beast!

by Lyndon H. LaRouche, Jr.

August 18, 2013

*On Friday Aug. 15, 2013 I had sent out a report of mine titled “**How the Future Builds Its Past.**”¹ That contained a summary of the principle to be presented here now. Now, in this present report, I elaborate on some other from among the broader and deeper details.*

*For mankind and beasts alike, sense-perception is regarded as having an acquaintance with a view of approaching events, but is, mistakenly, considered so, only insofar as extended as sense-immediate perception as such provides for this; in other words, it is merely a consequence of a simply continued process still resonating as if still in action. Whereas, for the matters of **qualitative changes actually still occurring in the course of continued action:** only a relatively very few adult persons, have been estimated to have shown the ability to foresee, wittingly, actually qualitative changes in the course of specifically future, qualitative changes in the environment: and, that only when they qualify as an expression of what is to be regarded competently as a qualitatively systemic change specific to the actually future course of developments.*

The cases of those exceptionally gifted physical scientists who present discoveries beyond sense-perceived actions, such as those of Max Planck and Albert Einstein (as contrasted to the plainly evil hoaxster, Bertrand Russell), are presented by me here as a model of reference for the contrast of the mutually distinct, opposing two sets of methods: actually original discovery of principle, versus forms of deduction.

My own forecasting of exactly such changes in the economic processes, is merely typical of a qualitative forecasting of shifts in the directions of future developments which express discoveries of universal physical, or comparable principles, rather than (either true or false) deductions.

In my own treatment of such originally qualitative changes in original knowledge, I have attacked the relevant error of a credulous belief in doctrines premised on a relatively commonplace mis-reading of what is widely regarded as merely “sense perception.” Therefore, let us now consider the principle of “humanly controlled fire” which presents us with an absolute distinction of the behavior of man from that of beasts.

Now, heed a note of special importance on what some would prefer to consider, mistakenly, as “a mere matter of style.”

The introduction of a nasty sort of foolish Dutch and British, so-called “popular” styles of

1. [EIR](#), Aug. 23, 2013, or [LaRouchePAC](#).

speech and reading, had been a presently depraved use of the English and some other language (for example), which has, since, become a successively ever-more crude chatter, which even the supposedly more literate strains of our populations have often mis-adopted as standards of modern literacy.

The victims of such currently “standard” styles of writing and speaking, even by the scientists otherwise considered literate, have included victims who have become ac-

customed to those depraved styles of speaking, reading, and science, which had been seized upon by the anglophile style of virtual “assassination” of the principles of both science and art, principles which seemed to have disappeared with the 1890 ouster of Germany’s Bismarck from office, as by the subsequent, 1901, assassination of U.S. President William McKinley. McKinley’s assassination was echoed by the threatened “death” of true science and art, alike, a mortal wounding brought upon mankind by the sheer evil of the likes of Bertrand Russell and H.G. Wells. Let me now begin the following text by indicating some essential principles of a true science, as follows.



EIRNS

Helga Zepp-LaRouche is shown here speaking on May 6, 2001, in Bad Schwalbach, Germany, honoring the 600th birthday of Cardinal Nicholas of Cusa. [EIR's](#) caption in our issue of July 6, 2001 read: “Can we not, for our own sakes, and as the most beautiful birthday present we could give to Nicolaus of Cusa for his 600th birthday, develop the same power of intellect, the same existential commitment and passion to great ideas?”

be human; but that evidence, itself, does not yet fully express an essential difference in their respective behaviors.

Mankind is not only distinguished by the willful use of “fire.” The biological history of the human species, is to be measured in rising levels of what is termed “energy-flux density:” the practical fact concerning that of a progressive change from lower to higher expressions of qualitatively increasing ratios of energy-flux density, is a progress which is, also, in turn, the elementary distinction of the universal principle which separates the human species from that of the beasts.

Mankind’s greatest achievements over the apes, this far, are to be measured, actually or, implicitly, in the progress from mankind’s simply-controlled “fire,” as this has led into such presently known categories of the much higher energy-flux densities of thermonuclear fusion and matter-anti-matter modalities. It is that progress in successively rising levels of energy-flux density, which defines the distinction between the intellects of man, and the crippled intellects of those unfortunate men and women who have adapted themselves to a doom implicit in their mimicking of those compulsive follies, of “green un-progress,” the which are people who have made themselves into a likeness of those of mere imitations of talking beasts.

For example: the introduction of the British monar-

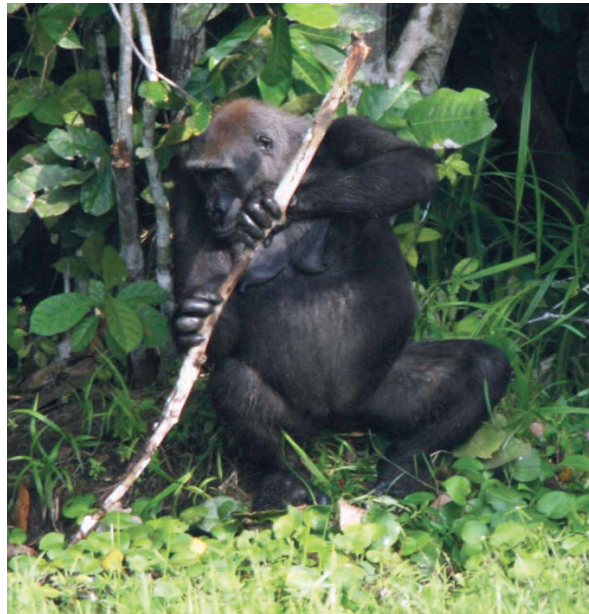
I.

Mankind Was Never Intended To Be an Ape!

Now, look deep into ancient Africa. In one case, an ape-like creature is feasting on its customary raw food-stuffs. In another case, a creature is using fire as a principled means of consumption of foodstuffs, or a like purpose; in that latter case, he, or she, could, possibly,

chy's presently ongoing campaign for a collapse of the level of human population of this planet, which has been brought about, since the latter portion of the decade of the 1960s, and, now, flagrant mass-murder according to the British Queen's stated policy presently: presents a lowering of the ability of the members of the human species to exist, as has been the recent trend in such continental regions as both the United States and Europe. This effect of the dictatorial, Anglo-Dutch models now being experienced as a succession of two "world wars" in Europe, and, in the United States since the time of the specific assassination of President John F. Kennedy, has brought about a presently catastrophic collapse of the standard of living throughout the generality of such geographic locations as the United States and Europe.

That pattern in the post-Kennedy U.S.A.'s continuing relatively qualitative collapse in culture, had coincided with consequent, continuing policy of the Anglo-Dutch tyranny, the which was first established with the subjugation of the British Isles by the Dutch oligarchy: a process based in the developments of the successive stages of that oligarchy's rise to take over domination of the Seventeenth Century and then the captured British Isles, too: thus, so producing the British empire composed of both its Dutch component, and, then, the British Isles, too. Hence, ultimately, the ugly fate produced by those Anglo-Dutch bankers who had dominated the original settlement of Manhattan, and, consequently, had prompted the making of a defeated late-Seventeenth-century Massachusetts, too, and the



T. Breuer, M. Ndoundou-Hockemba, V. Fishlock (2005)

A gorilla uses a stick while catching fish.

soaring rates of a plunge toward general genocide throughout much of the world, including the present trend toward the brink of mass-genocide, since 2001, against the people of the United States, too.

However, with the progress of mankind into the fields of thermonuclear fusion, and a still distant prospect of "matter-anti-matter," too, mankind is forever confronted with a new, contrary, better quality of challenge demanded by our species' prospective, new categories of qualitative steps upwards. The rise of

"energy-flux density," for example, is the proper choice of a theme-song of mankind's prospective future. However, presently, we are not yet even nearly prepared for the human occupation of Mars, and similar such stuff. Perhaps, during the second half of Earth's present century, something of a change in that direction of matters might be expected. We *should* certainly be taking relatively cautious steps into that general direction about



Paintings from the Lascaux Cave in France, estimated at 20,000 years old. Man used fire hundreds of thousands of years before the creation of these paintings, which are "modern" from the standpoint of the development of human creative mentation.

that time, provided we have freed our nations from the continued Anglo-Dutch pestilence still afflicting the planet presently.

In the meantime, as some of my associates are pressing this to occur, applying thermonuclear fusion to such tasks as an high-energy-flux-density, global management of water, is one of the outstanding fields of enterprise needed for such included tasks as building the human needs for greatly improved (i.e., higher energy-flux density) human water-management requirements around our globe, which is already a task to be brought into action during the already present and oncoming decades.

I explain.

Some Options To Be Considered

The ugliest, and most menacing threat to mankind's progress this far, has been the persistence of a long-remembered bestialization of human beings, the which had been long widespread in such forms as the culture of the Roman empire, or the reach of the Anglo-Dutch oligarchy's influence presently. "The green political pestilence" is the leading source of such offenses presently.

The characteristic feature of that "green," moral disease, is typified by its inherent fraud against "carbon," of increasing, at a continuing acceleration of the actual cost of existence, per capita, and by relatively increasing the actual rates of both pollution and of the cost of production, of anything and everything consumed, per capita.

To state the same point: the world's dominant empire of the planet today, the Anglo-Dutch empires, has been the acceleration of the reduction of the planet's population, from the vicinity of seven billions living human beings, to less than one billion, all that intended to occur with catastrophic effects at a relatively accelerated rate, all of which intended to occur with sudden mass-murderous force not much later than early A.D. 2014 (when the Queen's own intended sudden collapse of the world population, has been virtually scheduled to have been set fully into operation, even general thermonuclear exterminations).²

The effects of the atrocities under the George W. Bush, Jr. administration since 2001, have since been

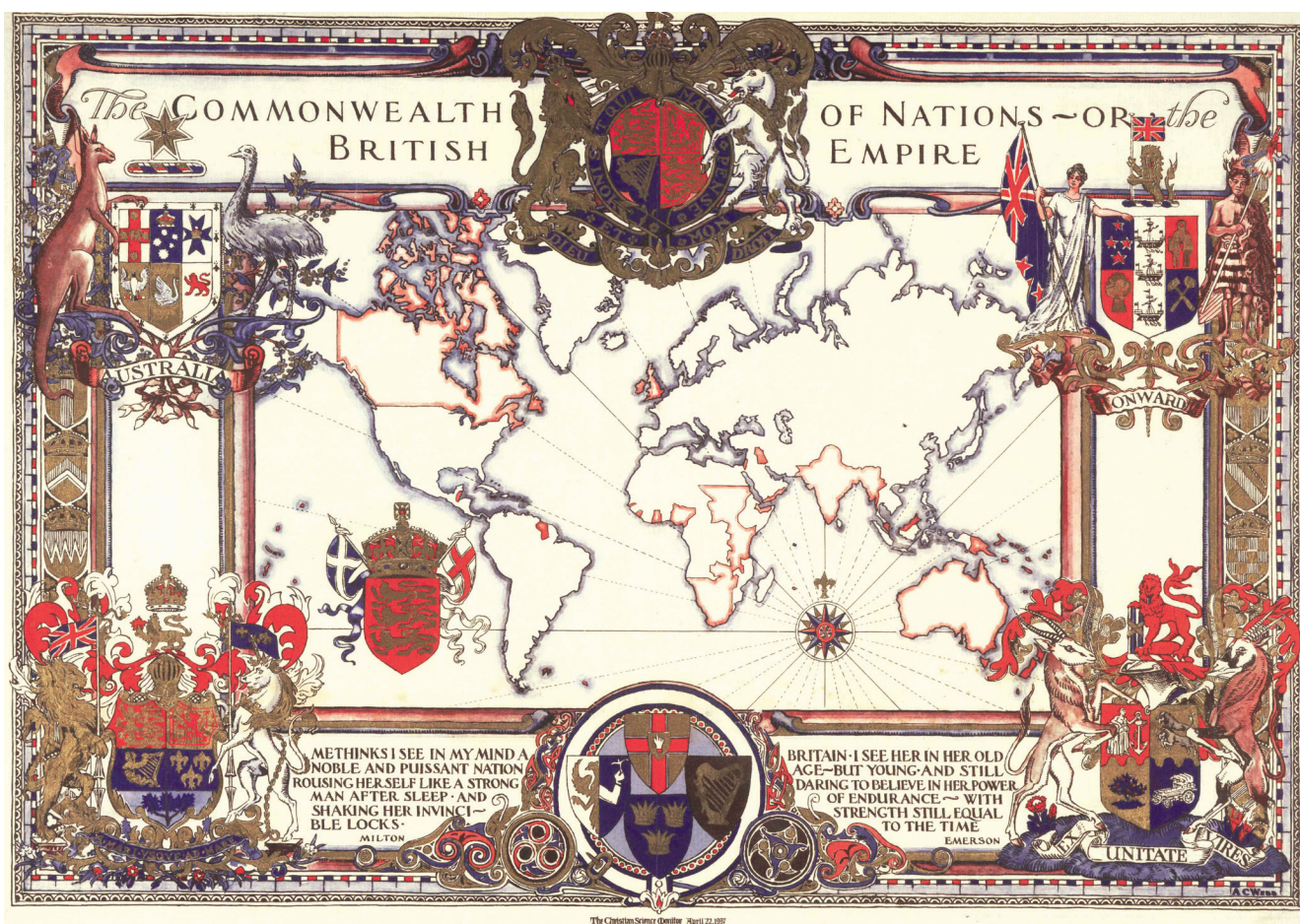
"capped" by a more savagely vicious set of measures introduced under the thoroughly brutish and fiercely dishonest Barack Obama administration. Nonetheless, even the trend-line in bestiality of the successive George W. Bush, Jr., and Obama administrations, might appear to be relatively tame rates of homicide, relative to that which the British monarchy and its Dutch accomplices are now setting into intended motion at the moment that the full-throttle cancellation of U.S. debts to a bankrupt "Wall Street," suddenly shuts off the means of subsistence of the great majority of the U.S.A.'s population (through the intended "Bail-in" scheme)—if a rebirth of Franklin Roosevelt's Glass-Steagall Act were not installed (against Wall Street, London, et al.) during the weeks or somewhat more, just ahead.

That is "the bad;" what would now be "the good"? What is the source of the danger? Essentially, the fact is, that virtually no American citizen, for example, has, or seems to have shown presently, a truthful conception of what the present problem really is. It all goes back to the utter foolishness of U.S. President Thomas Jefferson in opposing both U.S. President George Washington and Washington's Treasury Secretary, Alexander Hamilton, the creator of the U.S.A.'s original economic system: a credit system: not a monetarist system. It is a credit system, rather than a monetarist system, which would be the only present means for preventing the general bankruptcy of the United States, and the ruin of its population. President Franklin D. Roosevelt's reform had been, essentially, based on Alexander Hamilton's policies. The same solution which Franklin Roosevelt had introduced, was, in essentials of practice, coincident with the policies of Hamilton.

II. Physical Science, Not Monetarism!

The time has come, of necessity, to free the practice of economy from a tyranny of money *per se* (i.e., *monetarism*). In fact, the entirety of the notion of "Wall Street," should never have been tolerated within the shores of our United States. In fact, the existence of Wall Street, and the related experience of a crushed Massachusetts Bay colony, earlier, too, show us the victims of an Anglo-Dutch, Europe-based tyranny of banking systems, banking systems which had already been

2. The trend set under U.S. President George W. Bush, Jr., since the aftermath of the British-Saudi forces' "9-11" attack on the U.S.A., has been the efficient origin of physical collapse of rates of employment and of popular rates of real net incomes, since "9-11," to the present dates. The collapse of the U.S. automobile industry, has been a crucial factor in the general collapse which dominated under the George W. Bush Administration, and the more savage shutdown in the automotive industries.



The British Empire in 1937

alien to the principles of the Massachusetts Bay settlements under the rule of the brilliant Winthrops and Mathers during the times prior to the Anglo-Dutch crushing of those brave and wonderful settlements: those were the settlements on which the later establishment of the victorious United States, itself, would have been implicitly premised.

That, however, was not the actually unique beginning of our history as a nation. It had begun with what was referenced as “The Golden Renaissance,” a development featuring a crucially contributing, truly revolutionary, role by Cardinal Nicholas of Cusa, and by another great scientist, Cusa’s follower, Johannes Kepler. Cusa, before his death, had already emphasized the fact, that continental Europe, if left to itself, was not capable of sustaining a valid form of progressive culture. So, the intellectual followers of the deceased Cusa had enlisted sea-Captain Christopher Columbus for carrying out an already deceased Cusa’s mission of crossing the waters of the great oceans, such that a valid

civilization might be brought forth on what we know today as the Americas, and that, most specifically, which was to become the keystone of an American civilization which emerged as the Massachusetts Bay institution of the Winthrops and Mathers.

The emerging modern Dutch empire and its swallowing-up of the British Isles, presented a continuing destiny of conflict with the Anglo-Dutch imperialism of the late Seventeenth and Eighteenth centuries—and beyond, which has continued to be named, according to a popular fashion, as the same actual British Empire which soon dominated the world at large. The Anglo-Dutch empire (to choose the most fair and convenient description), has been the principal source of the ruin of the planet’s humanity generally, up through the present regime of Queen Elizabeth II and her wicked scheme for rapidly reducing the planet’s population, from seven billions human souls, to the Queen’s publicly-stated, present goal of one billion, or less. The world as a whole, now hovers at the relative immediacy of a vast

genocide against the human species. Adolf Hitler was, speaking relatively, a small-time sort of mass-murderer in contrast. Only with such words as those which I have just expressed here and now, can we even begin to measure the evil which the Queen's own, repeatedly stated intentions represent.

However, there is, most unfortunately (for you and your family) nothing actually original in that Queen's currently sported goals. The Roman empire, with its mass-slaughter of the Christians, among other designations, is, like the genocide at Troy, an obvious model for reference to the now publicly stated intentions of the British monarchy of today. Were that the only ancient or medieval case, the evil represented by the Queen's present role would be less menacing than it is actually today: a Queen who could demand, publicly and still repeatedly, the extermination of about 85% of the human population of this planet, which makes Adolf Hitler seem relatively a mere nuisance. Unfortunately, the Queen is the accomplice of an Anglo-American "Wall Street" and its closely related accomplices of the Queen's own scheme for a system of global genocide.

Obviously, that Queen's avowed, mass-murderous evil, must be promptly thwarted, for the sake of all humanity. Her early retirement could be considered as an urgent matter; perhaps, after all, speaking of public morality, there is no reasonable doubt that she is clearly insane, or worse, according to some appropriately chosen standard.

What I have outlined as the case as just presented, is a true judgment beyond reasonable doubt; but, I would also insist that, whereas the charges I place against that imperial monarch, are perfectly true as matters of fact, those charges, although truthful, fail to capture the efficient truth of the matter, merely in and of themselves. That is to pose the question: is it not evident that her mad scheme is the threatened extinction of the great mass of the human species, and, that this fact, thus, marks her intentions? What might a Creator cause, to bring about the prevention of such a horror as that?

It would be no less than fair of me to state that latter case, here and now.

The Matter of the Human Soul

Since the human species' earliest, presently known manifestation, the role of the human individual in society, has been always, implicitly, charged with filling the timely role of an immortal agency, that defined so by the intrinsic immortality of the human species, as a spe-

cies, as such. Through the agency of the human mind (not the mere brain), the human individual is born, and then deceased, as a potentially available missionary in fact of being in service to the fruitfulness of the future.

Nonetheless, the notion to which I have just made reference, has, so far in known history, seldom risen to a true grasp of the implications of specifically human, intellectual powers. The greatest of the scientists and artists have been ostensibly limited to a merely improved approximation of their respectively potential creative abilities. The duty has been to promote the general quality of progress of the human species' population, to provide committed service to the proper mission for mankind's intentions from among some of the living human population. If some fail; others among us must fulfill. The essential thing is, that there be always a sufficient ration committed to fulfill.

True or False Laws!

However, it would be foolish of nations today, to assume that the right to govern any one, or several nations were merely a matter of a legal contract of some sort. Neither a mere contract, nor the lack of one, could fairly define the truly valid basis for a role of the government of a people. There must be some inherent principle respecting the discovered nature of a self-government of a people; it must be a principle which is inherent in the intrinsically noëtic powers of the human species; it is those creative powers, as distinct from those of the beasts, which, alone, define a system of natural law among human beings, and, therefore, mankind's predetermined rights and obligations.

This principle of truly natural law, is one to be adduced from the evidence of the highest development of the creative powers inherent in the specifically natural rights and obligations of the membership in a human society. Those are rights and obligations which exist nowhere other than the obligation to the specifically noëtic powers themselves. This highest of the lawful principles of government, is demonstrated as being such an absolute law by the certainty that those uniquely noëtic principles represent a pre-condition for the perpetuity of the human species. For this moment, let that working definition suffice, but only as a temporary hypothesis here.

The most essential feature for the fulfillment of that specific mission which I have just presented, is that there be a continuation of the progress of the development of the human species achieved to the effect of pro-

viding great leaps forward in the implicitly assigned missions for the destiny of mankind, as Nicholas of Cusa had prescribed progress in places across the great waters beyond Europe. Successive great leaps in the achievements of mankind for each generation is the sacred mandate implicitly given to humanity.

What that just-stated principle actually signifies, is a matter of the distinctive, implicit leaps forward, as being the prescribed nature of mankind. Therefore, taking such considerations into account, consider the following.

The human species is unique insofar as we have, heretofore, experienced our own existence, as by relatively irreversible leaps forward, generation by generation, if not by all, by some, in dedication to the birth and future generations of a magnificence of perpetually leaping advances of mankind into a better future. However, in practice, the ruling oligarchies of ancient Europe and other places, have demanded a contrary, bestial intention, an intention known by some cases, such as the perpetual oligarchy of such wretches as the fabled Olympian Zeus, and the continuation of that great evil in such expressions as the Roman Empire and

its likenesses. Such had been the basis for Nicholas of Cusa's reaction to the regression of the once-great, so-called "Golden Renaissance."

So, Euclid is known to the wise, as like Bertrand Russell, as having been an evil man. We have, on the contrary, a mission of progress, a mission which reaches outward from within our Solar system, and, prospectively, beyond, in coherence with a true American's, Cotton Mather's, "to do good" in defiance of all practices related to "witchcraft."

The Power of the Human Mind

Insofar as presently actual knowledge of principles now reaches, the potential ability of judgment respecting matters of high principle, exists only among some presently declining number of living human individuals. Unfortunately, some most recent Presidents of the United States, for example, have failed to meet that standard, especially since the beginning of A.D. 2001; but, the current Queen of England, with her braggart's lies concerning what she asserts as being consistent with true principles, and a related policy of flagrantly expressed intention for intended mass murder on a global scale, is among those currently to be considered as among the worst offenders of them all currently: in such matters "the most important thing is the effect."

Unfortunately, the Queen's offenses on such accounts largely concern the matter of magnitude of the effects; were she not encumbered by great power, but were merely some "poor bloke and his opinions," the sheer ugliness of her personal opinion, be it as ugly as that of the Emperor Nero on that account, would be classed more as a public nuisance or silliness, perhaps the mere chirping by an irritating cricket, than a serious crime.

Before anyone might be tempted to rush into overly large opinions on the matters which I have presented, this far, in this ongoing report: how were it proper to define the mischief which persons of power might be enabled to bring about? What is the possible effect of the consequences which might have been left behind by a human being? How must we distinguish the intention of a human individual, from the effect which institutions of relatively greater power of action leave behind in their own passing? Take, for example, the effects of both legislation, and the consequence of a lack of legislation!

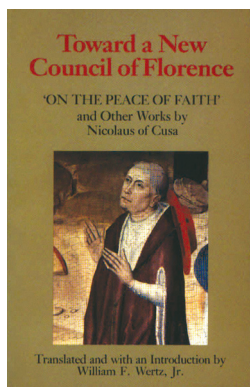
The quality of the implications of the questions which I have just now presented, when duly considered, points directly to the implications of defective behavior

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of both the action and absence of systematical implications of actions, and lack of actions, by government. Not to have acted, can be the greatest, or the worst, of all actions by institutions of government. Therefore, must we act, or fail to act in matters which are ultimately consequences of both government, and its lack of actions, when that is tantamount to those of government in their effect. What, for example, must we think respecting the necessary legislation which was withheld?

On such accounts, the enactment of mere legislation is never adequate; there is always a discovery whose time has come. *True law is necessarily noëtic, never deductive. The contrary is left, necessarily, to the beasts. Now, look at the arguments presented by, for example, our Federal law-making, by our present standard for government. Consider the wicked glee of the giggles which defeat the necessary law, which the lack of honest law and which the empty head of the lawful body permit. Does law more often corrupt true law-making than it delivers the smirking shyster's decision?*

Take the case of a restored Glass-Steagall law, for example. Or, what might be the criminality of the failure of government to establish means to defend Earth and its inhabitants from some large asteroid? Or, what price might be permitted for the refusal to promote the urgently needed development of NAWAPA?³ Or, to downgrade the standard of education of students?

Take the case of an argument which says "Government could not afford..." "Could we not have made it affordable?" "Should we have defeated Hitler, and what should that effort have cost?" What might it have cost to the conditions of life of American citizens, through to the present date, to have experienced the replacement of President Franklin D. Roosevelt by Harry S Truman? In fact, we had never fully recovered from the replacement of Franklin Roosevelt, by that Harry Truman. The cost of electing President George W. Bush, had been monstrously greater. Obama was already far worse than Bush, but the cost of all the elected Bushes, when Prescott Bush is added in, has been a monstrous thing.

These, immediately aforesaid remarks here, bring us to a fresh category of considerations. We should never, as a human population, return, again, to the policies and practices which have dominated the United States, in particular, or, implicitly the coming developments of the world.

3. See, Benjamin Deniston, "The Nuclear-Thermonuclear NAWAPA XXI," this issue, p. 4.

A World of Real Changes

In the last phase of what was to become known as "World War II," the closing battles with an already essentially defeated Japan, the last commander in world warfare this far, General of the Armies Douglas MacArthur, warned, that the nuclear bombardment of Japan had been a monstrously foolish concoction by the British empire and the silly Harry S Truman. By their very nature, the contemplated intention to promote nuclear general warfare among powerful nations had then, already taken the planet into a domain of actions from which war could never escape.

Presently, with a large panoply of thermonuclear weapons as now the principal, and also principled mode of general warfare, war as it had been known since ancient times, is no longer possible except as mankind's choice of self-extinction. Battle as we had known it heretofore, will next be fought, if at all, either for human extinction, or against menacing asteroids, or planets, or, at the least, comparable or greater means. Henceforth, from that state of affairs, defense among powerful nation-states, would be wars of reason, not of any actually surviving nations.

There is no longer any true reason for commitments to general warfare among powerful nations, as we have known such warfare heretofore. The decision had already been, thus, in the making, now, within the aftermath of World War II.

The only true cockpit of general warfare remaining today, has been the same British empire which, with the cooperation of the principal elements, launched the British and Saudi monarchies' September 11, 2001 attack on the United States of America. Indeed, the unlawful fraud by that pair of accomplices in the launching of "9-11," defines a presently on coming moment of either human rescue, or, extermination for our human species. All great powers are now thermonuclear powers, including the means of Britain's BAE. Although the U.S. part in such conflict might appear to be concentrated in the Pacific-Indian Ocean sector, the winds that blow, will blow almost everywhere.

Will it, or not, that is the truth of the matter: spoken concisely. All options for general warfare, are, concisely, hopeless options, for choices of, likely, a general human extinction as the thermonuclear winds might blow. It is now past the time for "other options." The principal felon is the Anglo-Dutch empire, an empire which extends its reign beyond about forty-percent of the world's nations, or more, now: the others would be

merely lackeys (whether they choose, or not), not nations in any sane meaning of the terms.

What confronts us, now, is a reality which, apparently, virtually none of the world's governments has mustered the will to foresee.

III.

The Prospect Now Before Us

To affirm the conception with which I had concluded the immediately preceding chapter, the still lurking, presently early threat of thermonuclear warfare has now "caught us without suitable preparation for taking the measures with which the lurking threat of thermonuclear warfare, now threatens the world, that with a prospect of defaults left over from what had already brought us to the threshold of global self-destruction." The considerations with which I had concluded the preceding chapter now come into play. Now, in

There must be development, in two principal directions. For the one, nearby space; for the other, the inner development of the minds of human beings.

place of what had occupied our attention with prospects of major war, and the like, we find ourselves "left" with precisely those foolish games with which nations and politicians had occupied themselves with their leading notions of rivalries between and among nations earlier.

What I have just summarized with the preceding chapter, is now to be turned upside-down and inside-out. Those "old ideas" of "chronic rivalries," are now to be replaced by what had been customarily considered as their virtual opposites. The issues posed by the threats from asteroids and also more deadly features of the Solar system, and beyond, now demand emphasis on the subjects I had treated from the outset of what had been the preceding chapter; commonplaces such as planets and asteroids shift our passions from within Earth's society, to planets and asteroids outside.

To proceed, so, consider one among the outstanding features of the world which some among us had considered heretofore, should now occupy our attention. Among those particular subjects are man's process of

takeover of Mars, not by men and women as such, but as what some would wish to list under the category of quasi-"automatic" management by aid of virtual "robots" on Mars itself, and also among the asteroids of the region. In brief, mankind on Earth must now proceed to gain increasing reliance on controlling the environment of the Earth-Mars region at the same time that we, operating from Earth, will be occupied with qualitative leaps expressed in terms of *early application of the development of thermonuclear fusion*, on down, and that moving on to a planet-wide system.

There must be development in two principal directions. For the one, nearby space; for the other, the inner development of the minds of the human beings. On that account, in particular, we must avoid the potentially deadly folly of failing to recognize the most crucial obstacles to a gradually evolutionary and also revolutionary development of the human mind as such. At the start, there must be emphasis on national cultural standards of (inward) development; this must be supplemented by (outward) development expressed as assimilation of the selected, "relatively nearby" regions of the Solar system composed of nearby planets and related "stuff."

A relevant image may be adduced by considering the challenge of the fact that it were presently estimated (perhaps with large margins of error built in), that it has been considered that the present Solar system might be self-destroyed within two billions years. In any case, it is a fact to be kept in mind. It is of crucial importance, that we take into account, the obviously necessary increasing of volume of Solar space (and so on) in the course of mankind's advances in means of action, and the related necessity of coming to know the inner core of mankind as we expand mankind's ability to exert finer and broader capabilities for management of an increasing mass of options for mankind's "capturing" the means to exert control within the Solar system and beyond.

Mankind's physical capabilities, are, in and of them, limited; the bounds of the human mind's power to imagine effectively from within the developing processes of not the human "brain," but, contrary to popular opinions, the human "mind," have no presently admissible bounds. This is a fact to which I had pointed earlier: as follows.

What Is the Human Mind?

I now point your attention to an important publication of mine published this recent June 10th:

“Nicholas of Cusa, Kepler & Shakespeare.”⁴

As I had already emphasized in that report, but also earlier, the unique role of inherent human characteristics is pivoted on the same unique characteristic of our species which accounts for the ability of at least some of us, to forecast the future, as I have done, and others of similar interests and characteristics have done, too. All persons, if they had not been damaged in their ability to express this uniquely specific human capacity, will, under proper conditions, find themselves able to employ that naturally human, but otherwise relatively unique capability of a well-developed human mind.

In fact, however, in a large ration of cases, this special capability, at least often, is prevented, or lost, through a process which might be named “the vicissitudes of sense-certainty.” What is properly described as the quality of “genius” of such as a Nicholas of Cusa, Johannes Kepler, Gottfried Leibniz, Bernhard Riemann, Max Planck, or Albert Einstein, all of them demonstrated to my confident findings as highly typical of this quality which is often named (whether rightly, or wrongly) as “genius.” My “Nicholas of Cusa, Kepler & Shakespeare” is an illustration of what expresses a sampling of my own much broader experience in this matter.

The ability to recognize the experience of the future, as in those three cases I have chosen to represent the principle, the experiencing of the future, is the crux of this subject-matter. It is this feature of the process which is crucial for not only scientific discovery as a process, but all great, truly Classical artistic and scientific personal creativity. My own experience of myself in a



EIRNS/Stuart Lewis

Lyndon and Helga LaRouche at a celebration of her birthday, Aug. 25, 2013.

“clinical respect,” shows certain of the old skills lost in part, but the noëtic aspect remains stronger, “seemingly” for the sake of a lessened accountability for the past. That has been not only my own experience, but a pattern of the noëtic tendency toward experiencing the future, which has appeared to be as rather general, when sense-perception as such suffers the “friction” of the aging process. Whereas, if memory of past experience of the discoveries of the future remains, the emphasis on memory of the past tends to decline as if through attrition of aging of years. What remains as if to “make up for” the process of age: the relative strength of foresight gains in some significant respects, contrary to the attritional effects of “regular memory.”

Perhaps, it is as if to say, “Old prophets are the best prophets;” the suggestion is, that of the two memories, those which express the future, tend to be generated markedly relatively independent of the experience of what were habits remembered from the past. The fact, that the insights into the future are ostensibly independent of the effects of the wear-and-tear of ordinary sense-certainty’s memory, should not be surprising. Thus, the aging prophet, enjoys a freshness of discovery even superior to what had been left over from old memory, but this benefit is obtained only when the noëtic-generated discoveries of experienced principle taken from the future, are to be distinguished from the effects of wear and tear of a memory simply carried over from the past.

The lesson to be taken from this, is, I think simply, that people who failed to cultivate insight in the future, are inferior in performance to those who lived with greater relative emphasis on recognizing happily the invasion of the future into their minds.

4. [EIR](#), June 21, 2013, or [LaRouchePAC](#).

Obama Toys with World War

As this issue of *EIR* goes into final editing, President Barack Obama has reportedly decided to launch military strikes against Syria, over the dubious claim that the Assad government used chemical weapons against its own population. The fact that the alleged CW attacks came within hours of the arrival of a United Nations inspection team in Damascus alone raises serious doubts about the basis for Mr. Obama's "certainty" that such weapons were used by the government. Furthermore, within hours of the inspectors arriving at the site of the alleged chemical weapons attacks on Aug. 26, the Obama Administration contacted United Nations Secretary General Ban Ki-moon and literally ordered him to withdraw the inspectors because "Obama's mind was made up" that the crime had been committed by the Assad regime, and it was time for military action. So far, the UN chief has refused to comply.

If all of this seems like "déjà vu all over again," you are right. It is an Obama replay of the George W. Bush and Dick Cheney march to war in Iraq over the dubious claims that Saddam Hussein was stockpiling weapons of mass destruction.

If, as anticipated, President Obama orders military strikes against targets inside Syria in "retaliation" for the as-yet-unproven CW charges, he will be risking far more than the loss of life on the ground. He will be risking a far broader war, drawing in neighboring states, as well as Russia and perhaps even China. Russian President Vladimir Putin has frankly called the charges against the Assad regime baseless. The Obama Administration is courting a far more serious confrontation, which could ultimately escalate into a thermonuclear war.

As bellicose as President Obama has been in

his recent handling of the prolonged Syria conflict, he has been outdone by his European counterparts, particularly Britain's David Cameron, William Hague and Tony Blair. The London troika is pressing to draw the United States into yet another disastrous war in Southwest Asia. For London, the number one objective of such a conflict is to trigger a hundred years war within the entire Arab and Islamic world, pitting Sunnis against Shi'ites, tribes against tribes, Muslims against Christians, and Arabs versus Israelis. The goal is mass population reduction through permanent war.

President Obama is a pawn in this game, along with Israeli Prime Minister Benjamin Netanyahu. Indeed, senior U.S. intelligence sources report to *EIR* that the primary "proof" of the Syrian CW attacks came from the Israeli Unit 8200, the equivalent of the U.S. National Security Agency.

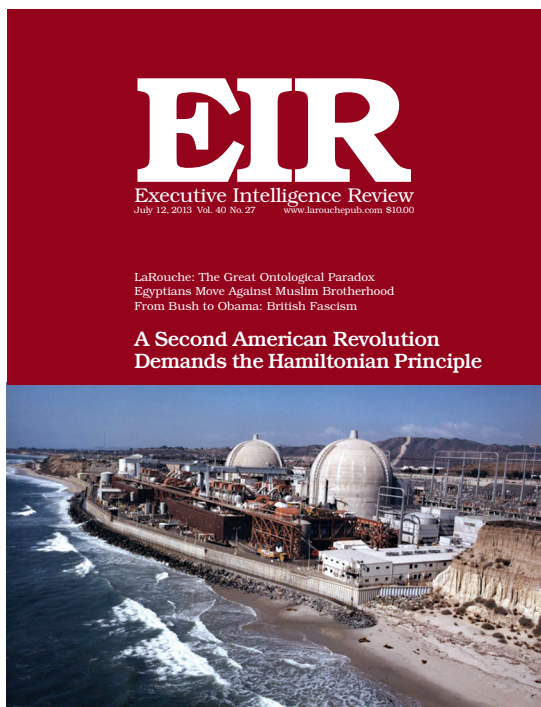
If President Obama does order cruise missile strikes against command and control centers and weapon stockpiles in Syria, he could be very well triggering a war to end all wars—in the extinction of mankind in a thermonuclear holocaust.

President Obama, according to our latest information, has decided that he can go to war without getting the approval of Congress, as demanded under Article I, Section 8 of the U.S. Constitution. He does not even plan to go to the United Nations Security Council, knowing that Russia and China will veto any such attack (for good reason). President Obama is contemplating yet another impeachable crime, and this time, Congress cannot allow him to get away with it. The very survival of mankind may be at stake. In a world of thermonuclear weapons, the "Guns of August" must remain silent.

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