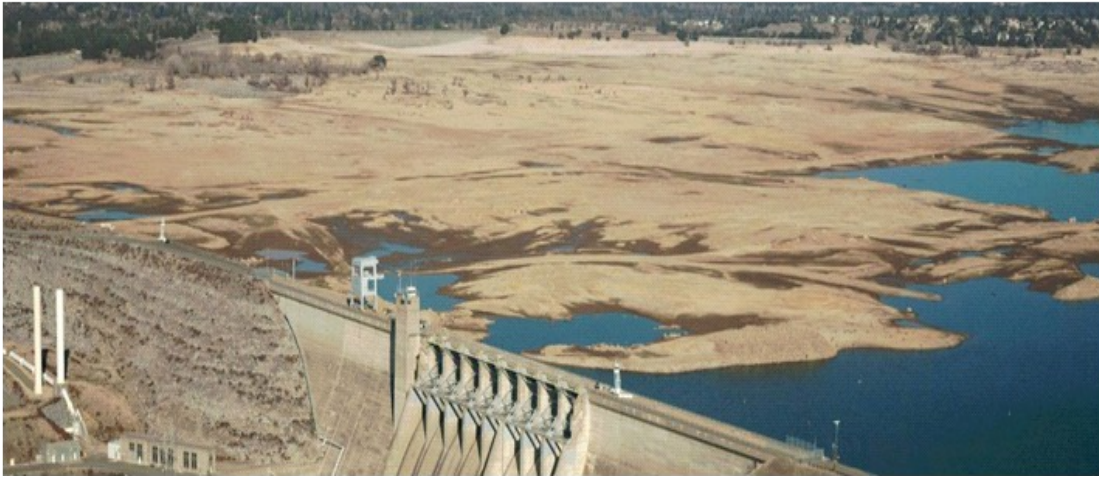


California Drought Update



For October 20, 2016
by Patrick Ruckert

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<http://www.californiadroughtupdate.org>

<https://www.facebook.com/CaliforniaDroughtUpdate>

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A Note To Readers

The California Water Management System, since the building of the Central Valley Project, was the largest and most complex such system in the world. Today, China is building a nation-wide water management system, much larger and more complex than that of California, yet ours is still something to marvel.

Over the past few weeks, as I have documented in these reports, that system is now coming apart. Even a new report commissioned by the Westlands Water District make this point: "The Central Valley Project is broken, the management of state water resources is jeopardizing the region, and without a solution there is little hope of a turnaround that will improve conditions for farming in 2017."

The drought has just provided the moment of opportunity for this to strike now. Having abandoned the idea that the government is responsible to create that which will be required by one or two generations in the future, the state has built next to nothing in water infrastructure over the past 40 years. Having turned the U.S. into a gambling casino of Wall Street speculation, the American Society of Civil Engineers now reports that our general infrastructure deficit totals trillions of dollars.

Then there is, accompanying the economic insanity, the adoption of a cultural revolution (sort of like China's Cultural Revolution of the 1960s) called "environmentalism," that openly rejects the idea that Mankind is created in the image of The Creator-- that the creative powers of each human being makes

mankind capable of transforming, for his well-being and for his future, the universe in which we live. Or, as the great space scientist Kraaft Ehrlicke put it, “Nobody and nothing under the natural laws of this universe impose any limitations on man, except man himself.”

Thus, as I have said again and again for the more than two years I have been writing this weekly report, there is no solution to the water crisis we now endure either within the state of California, nor within the present bankrupt financial-monetary system.

This week's report, in order to make this last point even more clear, shall concentrate on that topic and the real solution. The first two sections below provide the necessary policy overview. Following that will be examples of how we used to think; the kind of thinking that built the Central Valley Project and the State Water Project. Then, the next section highlights the projects that did not get built-- projects that the Kennedy administration actually had taken the initiating steps to build. The following section focuses on understanding how to think about water policy. Finally we present some links on the historical background of the California water management system.

The Trans-Atlantic banking financial system is now in the process of collapse, a collapse that will be more destructive than that of 2008, unless the first item below becomes the policy of the United States.

The first job in reconstructing anything is to take the garbage out. To do so requires, first, reestablishing the Glass-Steagall banking law, established by Franklin D. Roosevelt in 1933 and abandoned by the Congress and the President in 1999.

The First Step

What is needed, first and foremost, is a passionate commitment to the future of the human species. That means economics as Lyndon LaRouche has long defined it: increasing man's dominance over nature through the power of creative discovery of universal physical principles. The Four New Laws as presented by Lyndon LaRouche can take out the garbage and begin the rebuilding.

That full policy is expressed in the following excerpt. I urge the reading of the entire document provided in the link below.

The Four New Laws to Save The U.S.A. Now! NOT AN OPTION: AN IMMEDIATE NECESSITY

<https://larouchepac.com/20161014/four-new-laws-save-usa-now-not-option-immediate-necessity>

The breakdown of our nation, and the no-future present policy requires the U.S. Government's now immediate decision **to institute four specific, cardinal measures: measures which must be fully consistent with the specific intent of the original U.S. Federal Constitution**, as had been specified by U.S. Treasury Secretary Alexander Hamilton while he remained in office:

- (1) *The immediate re-enactment of the Glass-Steagall law instituted by U.S. President Franklin D. Roosevelt, without modification, as to principle of action.*
- (2) *A return to a system of top-down, and thoroughly defined as National Banking. (3) The purpose of the use of a Federal Credit-system, is to generate high-productivity trends in improvements of employment, with the accompanying intention, to increase the physical-economic productivity, and the standard of living of the persons and households of the United States.*

- (3) *The purpose of the use of a Federal Credit-system, is to generate high-productivity trends in improvements of employment, with the accompanying intention, to increase the physical-economic productivity, and the standard of living of the persons and households of the United States.*
- (4) *Adopt a Fusion-Driver 'Crash Program.*

As LaRouche insists, his four laws are the modern form of the principles as presented by American founding father Alexander Hamilton's three reports to Congress and his letter requested by President George Washington on the Constitutionality of the National Bank. Links to all four documents are here:

Report on Public Credit

https://larouchepac.com/sites/default/files/hamilton_publiccredit_0.pdf

Report on the Subject of Manufactures

https://larouchepac.com/sites/default/files/hamilton_subject_of_manufactures.pdf

Report on a National Bank

https://larouchepac.com/sites/default/files/hamilton_nationalbank_1.pdf

On the Constitutionality of the National Bank

https://larouchepac.com/sites/default/files/hamilton_constitutionality_0.pdf

Second, the U.S. Must Join the New Silk Road

We must build the future—we must build a continental-wide water management system; tens of thousands of miles of high-speed rail corridors; 100 nuclear power plants, leading into the era of fusion; the construction new Renaissance cities across the country; controlling rainfall based on insights gained from the Galaxy; space exploration and research; and so on. And all of this must be done in tight coordination with the BRICS and allied nations, led by China and Russia, who are already engaged in such a process of building a New Silk Road, and turning it into [the World Land-Bridge](#).

Here is the link to the pamphlet below: <https://larouchepac.com/20151229/us-joins-new-silk-road>



The Way We Used to Think

The video linked below contains six speeches given by President John F. Kennedy in 1962-1963, inaugurating water projects in the West. This is a legacy which is your own, even if you are unaware of that fact.

<https://www.youtube.com/watch?v=TP8xpevILNE>

1 hour 27 minutes

"When we are inclined to take these wonders for granted, let us remember that only a generation or two ago all the great rivers of America, the Missouri, the Columbia, the Mississippi, the Tennessee, ran to the sea unharnessed and unchecked. Their power potential was wasted. Their economic benefits were sparse. And their flooding caused an appalling destruction of life and of property. Then the vision of Theodore Roosevelt was fulfilled by Franklin Roosevelt, and to demonstrate how important this is as a national issue, two distinguished American Presidents from New York State saw how essential it was to the Nation and New York State to develop the resources of the West. And as a result this Nation began to develop its rivers systematically, to conserve its soil and its water, and to channel the destructive force of these great rivers into light and peace. And today, as a result of this, the face of this Nation has been changed. Forests are growing where there was once dirt and waste. Now there is prosperity where our poorest citizens once lived. If there is one outstanding story among all this which indicates the kind of progress we can make working together, it's the story of the REA, and of Sam Rayburn of Texas, and Franklin Roosevelt of New York, and George Norris of Nebraska."

– President Kennedy, Oahe Dam, 1962

This report is on the fight to build the Grand Coulee Dam and how such great infrastructure projects raise the entire economy to a new, higher platform of productivity:

The fight to Build the Grand Coulee Dam and the Economic Revolution that Transformed the Nation

<http://amatterofmind.org/ca-drought-pdf/Grand%20Coulee%20Dam%20Report.pdf>

On video: https://www.youtube.com/watch?v=znWVTrD_FcU

What Was Not Built

Two projects underway at the time of the assassination of President John Kennedy, limped along for a few years, but were abandoned in the following years as the U.S. changed. We went to war in Vietnam, shifted the economy to speculation, and the first plague of environmentalism began.

The first of those projects was the **North American Water and Power Alliance (NAWAPA)**, a continent-spanning water management system. The links below to both written and video material, are representative of the campaign to revive NAWAPA today.

Drought: The Time for NAWAPA has Come

<http://archive.larouchepac.com/node/30047>

Nuclear NAWAPA XXI: Gateway to the Fusion Economy

[http://archive.larouhepac.com/files/NuclearNAWAPA-shrunk%20\(1\)_0.pdf](http://archive.larouhepac.com/files/NuclearNAWAPA-shrunk%20(1)_0.pdf)

NAWAPA 1964-- Feature Film <https://www.youtube.com/watch?v=c0QS9AaMfvY>

NAWAPA XXI-- Oregon-California Extension <https://www.youtube.com/watch?v=2ZTft0pJUUM>

The second Kennedy era project was the building of **nuclear-powered desalination plants**. In 1962, Kennedy established a task force to do just that. Even after his murder the project continued, with the Metropolitan Water District of Southern California signing a contract to build the first plant with the Atomic Energy Commission in 1964. Below is the link to the history of that story.

Nuclear-Powered Desalination in California– Parts I-IV

<http://www.californiadroughtupdate.org/2015/05/29/nuclear-powered-desalination-in-california-parts-i-iv/>

The Proper Concept for Water Policy

Water management must begin from the top, so to speak. Understanding the water cycle and the forces of nature that shape that cycle, both here on Earth and from the Solar System and the Galaxy, is where we must begin. Here are three links that address this topic.

This one provides many articles on the water cycle and related topics:

Managing the Global Water Cycle

<https://larouhepac.com/policy/global-water-supply>

This one addresses both the causal factors of drought and solutions:

New Perspectives on the Western Water Crisis

<https://larouhepac.com/20150401/new-perspectives-western-water-crisis>

Finally, this one addresses both the paleoclimatological history of the West and what we can expect in the future.

Are We Controlled by the Whims of Nature, or Will We Create Our Future?

http://larouhepub.com/eiw/public/2014/eirv41n19-20140509/48-52_4119.pdf

The History of the California Water Management System

The history of California is also the history of managing water. But it was not until the 1920s and 30s that the idea of a state-wide water management system began to be constructed. As much as some do

not want to admit it today, it was the Democratic Presidents Franklin D. Roosevelt and John F. Kennedy, and Governor “Pat” Brown who built the Central Valley Project and the California State Water Project. Admittedly, these men are not like today's Democrats, but that is what must be changed.

The History of the California Water Management System

<http://www.californiadroughtupdate.org/2015/07/26/history-of-the-california-water-crisis/>

William Mulholland and the Building of the Los Angeles Aqueduct

<http://amatterofmind.org/ca-drought-pdf/The%20Los%20Angeles%20Aqueduct.pdf>

Video presentation:

<http://www.californiadroughtupdate.org/2015/06/29/william-mulholland-and-the-building-of-the-los-angeles-aqueduct/>

Appendix

The Presidents who gave us environmentalism

As I have stressed repeatedly in my weekly *California Drought Updates* the disaster we now experience in this water crisis originated after the death of President John Kennedy. The nation, once an industrial, scientific, infrastructure and production oriented economy was taken over by Wall Street speculators and turned into a gambling casino. Accompanying that shift was the appropriate ideology of environmentalism.

The usual narrative that the environmentalist control over the state is a solely Democratic responsibility is just not true. The following from “The Central Valley Project – Introduction,” by Eric A. Stene, includes the following, which demonstrates that it was two Republican Presidents who set it all in motion. <http://www.usbr.gov/history/cvpintro.html> I suggest it has been a bi-partisan crime.

“The 1960s marked the end of the era of large dam building, and caught the CVP in a political and economic whirlpool with no apparent end. Environmental concerns began cropping up in the 1970s. President Richard M. Nixon signed the Endangered Species Act in 1973. The Act set criteria for listing endangered species and protecting them from harm by federal agencies or private concerns. The Central Valley Project felt the consequences of the Endangered Species Act because of Project features’ impacts on migratory salmon.

“The Central Valley Project Improvement Act of 1992 (CVPIA) started the CVP in a new direction. President George Bush signed the bill as part of the Reclamation Projects Authorization and Adjustment Act of 1992, over the objections of California Governor Pete Wilson and Central Valley legislators. Environmentalists considered the act a victory, while California agricultural leaders considered it a disaster. The CVPIA reallocated 800,000 acre-feet of CVP water (600,000 in dry years) from Valley farmers toward the restoration of Central Valley fisheries. CVPIA limited renewed agricultural water contracts to twenty-five years with no long-term renewals. The Central Valley Project Improvement Act opened a new political pandora's box in California.”