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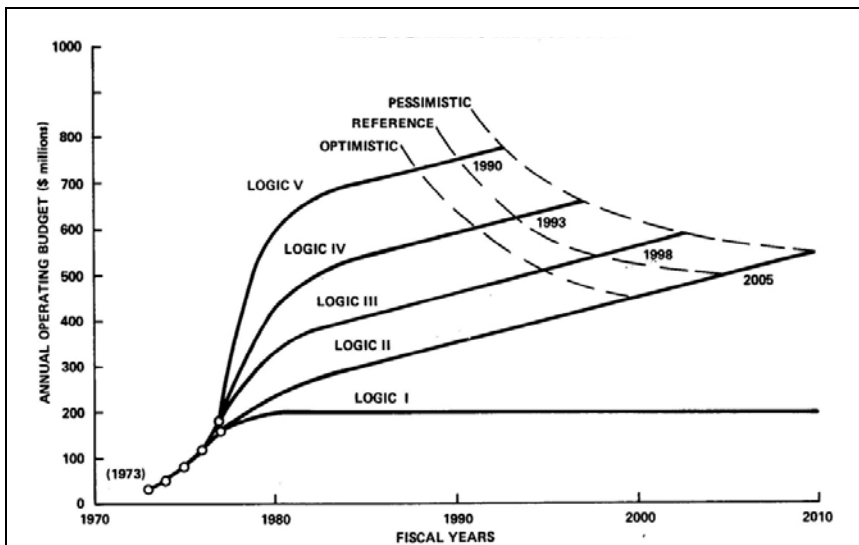
Fusion and Foreknowledge

If the vicious cuts demanded in the Obama Administration’s proposed FY 2013 budget are not reversed, the U.S. fusion energy program will join the growing list of crucial science projects sabotaged by President Barack Obama’s fawning servility before the principle of oligarchy and that nasty British royal family which is its present embodiment. Harsh words, not the sort to be uttered in respectable precincts, especially where funding is at issue. But true, nonetheless.

Fusion energy, this present beacon of hope for all mankind, promising a final end to human want and deprivation on this Earth and the spread of our unique species beyond its bounds, is on the

chopping block.

And yet, it is no exceptional case. The guiding policy, so frankly enunciated by Britain’s Prince Philip, is to reduce world population by 5 to 6 billion souls. The justification for this act of premeditated mass murder, is the argument that there are simply too many of us to “sustain” ourselves. All means and instruments of human innovation which demonstrate the fraud of this assertion, must thus be destroyed. Consider some of the other recent milestones, in this evil and premeditated drive: The September 2011 shutdown of the Tevatron accelerator at Fermilab, the U.S.A.’s only significant capability for antimatter production; the



WHAT IT TAKES TO REACH FUSION—ERDA'S LOGIC IN 1976

In 1976, the Energy Research and Development Administration (ERDA) published this chart showing the required fusion operating budgets to reach a working magnetic fusion reactor. Each option was called a “Logic,” and each had three variations from optimistic to pessimistic. With \$600 to \$750 million a year, as shown in Logic V, the program would have been able to operate a demonstration reactor by 1990. Logic I, which represents the actual fusion budgets from 1976 to the present, produces “fusion never,” as shown.

Source: ERDA, 1976

virtual end of the U.S. manned space program; the 2005 shutdown of the Fast Flux Test Facility at Hanford, Washington; the 23-year pogrom against cold fusion . . . and the list goes on.

If passed, the FY 2013 fusion budget will shut down or severely cripple the last three remaining tokamak reactors in the United States: The Alcator C-Mod at MIT would shut down. The ongoing upgrade at Princeton's National Spherical Torus Experiment would be extended by six additional months, delaying restart of this reactor until 2015. That would leave the General Atomics DIII-D in San Diego as the only operating major fusion experiment for the coming three years. But an axing of one out of six staffers, and other cuts, would reduce its running time to just 10 weeks out of the year.

A Downward Trend Since JFK

It did not all start with our current President Obama's servile allegiance to the British monarchy's stated commitment to a mass murder that makes Hitler's seem mild. Indeed, the trend line for science, and humanity's future, has been a downward one since the 1963 assassination of President John F. Kennedy.

Begin with the collapse in morality produced in America's leaders by the pragmatic acceptance of the Warren Commission's cover-up—while a new President governed in fear of the assassin's bullet. The long war in Vietnam, which JFK had resisted, taking wise counsel of General Douglas MacArthur, followed close on, and with it, a destruction of the national will from which we have never yet recovered.

The riot of irrationality which accompanied the 1960s birth of the rock-drug-sex counterculture, that joint venture of Cambridge Apostles Aldous Huxley and Bertrand Russell, two of the last century's most evil men, opened the way to the successful attack on science and the American principle of progress.

The insertion of the virus of environmentalism into the cell culture of the Baby Boomer generation then became the means by which all could be destroyed. A population embracing a disease which destroys itself—nature's ultimate recipe for self-destruction.



Prometheus depicted on a Greek vase, bound to a stake while an eagle pecks at his heart.

The Promethean Principle

Our problem is that science does not presently contain within itself the means for its own perpetuation. The principle of science does so, for in that lies the secret of human creativity, the Promethean principle. But that is a subject no longer taught, nor tolerated. To succeed in the game as played now, one sacrifices one's commitment to that principle at an early stage. One accepts the doctrine of reductionism, of building up from below, when all truth, the very notion that there exists

a universal law, proceeds in the opposite direction.

The principle represented in classical culture by the name of Prometheus, which means foreknowledge, is the method of actual scientific discovery. That, not any form of deductive method, is what has led to every true discovery of fundamental importance.

Mankind, unique among all presently known species, possesses the ability to foresee, as a mental construct, truths consistent with those of the natural law, and to act upon those visions in ways which transform nature to his own ends. In such acts of true discovery which appear, not out of any pre-existing understanding, but as if from the future, we act in harmony with the creative principle of universal self-development.

Creativity, whether of the human or the universal variety, is the action of the future upon the present. It can never be derived by deductive modes of thinking from past knowledge. It is *foreknowledge* in the sense that classical thought identified with the name of Prometheus, who was chained to a rock by Zeus for bringing the gift of fire to mortal men. Such is science, and such also is the principle of classical composition in music, art, and poetry. Free it, like Prometheus from his iron bonds, that mankind may again have hope and joy and love.

—Laurence Hecht

Fusion Breakthrough at NIF

The National Ignition Facility (NIF) at Lawrence Livermore National Laboratory is to be congratulated for its recent world historic achievement in laser fusion, a milestone on the path to achieving an energy-dense source of power for mankind's future.

In a record-breaking shot made on March 15, NIF's 192 lasers fired in perfect unison, delivering a record 1.875 million joules of ultraviolet laser light to the facility's target chamber center. This historic laser shot involved a shaped pulse of energy 23 billionths of a second long that generated 411 trillion watts of peak power (1,000 times more than the United States uses at any instant in time).

This achievement shows that despite the vicious cuts in the U.S. fusion budget since about 1980—and the still worse cuts proposed in President Obama's FY 2013 budget—we can achieve workable thermonuclear fusion by a variety of means. Fusion provides the highest energy flux density of any presently known power source. It is the key to future economic development, and an absolute requirement for powering man's next step into space.

Laser, magnetic, and inertial electrodynamic methods of thermonuclear fusion, as well as cold fusion research, must be fully funded on a crash program basis to assure the future of our nation and the world.