Allan Greenspan - Chairman
Board of Governors - US Federal Reserve System
20th St. and Constitution Ave.
NW, Washington, DC 20551

Dear Mr. Chairman,

This brief contains **"new thinking"** about a serious problem that is <u>without</u> current solution and warrants meaningful attention. Concern continues to grow in international circles, because policy makers are NOT showing proper respect for an increasing number of issues that now threaten global stability. Because the financial community plays an integral role in this equation, it is crucial that its leaders understand the full extent of this growing threat.

As the following statistics clearly show, the deteriorating state of our planet has gone from being a residual effect of our function to directly threatening our future survivability. This dilemma can be traced to only <u>one</u> thing – the fundamental misuse of our ability to think. (I'll summarize the problem here, but a more in depth explanation has been provided on the bottom of Page <u>6</u>).

In the process of disregarding the "qualitative" restraints that are inherently necessary to ensure human survival, mankind has irresponsibly pushed its "quantitative" potential toward "immediacy" with reckless abandon. The result is greater and more inclusive consequences that impact in ever shortening intervals of time. Since reality manifests itself in cyclic patterns, these ever quickening reversals are proving to be extremely disruptive to our understanding of long term stability, something upon which the importance of "order" depends for its continuing credibility. This has resulted in the destabilization of our thought process and caused us to become self-destructive – the first indication of which is the forsaking of order for opportunity.

One would hope that the banking industry would have adopted sufficient safeguards to protect itself from this liability. But, unfortunately, the opposite is true. Because it is preoccupied with optimizing advantage, it has aggressively accelerated negative cycling and the destabilization it promotes – straight across the board. So, even though the current chess game between those vying for economic advantage may seem to provide winners and losers, it is strictly a short term advantage for which everyone is destined to suffer in the long term – because the basic premise upon which it is founded is inherently self destructive. Broad market movement is but one indicator of the growing vulnerability. The need for "perpetual debt" and the inevitability for "debt relief" is another. The impending struggle over "reserve currency" status, another. The list seems endless. Together, they constitute an Achilles' heel that makes the world of global finance vulnerable to any number of factors over which its leaders have little or <u>NO</u> control. This includes the progression of already existing problems (see page <u>3</u>) as well as the possibility for induced catastrophe by way of terrorism. As a result, the world of global finance has gone from being a stabilizing element in international affairs to being the principal destabilizing potential in the global equation. If sufficient confidence in this system were to be lost, even momentarily, chaos would ensue. Beyond that even imagination can't go, nor would it want to.

Since the impending threat is more than obvious, why in God's name is it not being dealt with responsibly? This lemming like "march to the sea" has to be stopped at all costs and it <u>must</u> be

done NOW – before we unwittingly employ some idea from which there is no escape. The ongoing policy of slapping temporary fixes on major problems, in the hopes that they'll just go away, is not only idiotic, but clearly irresponsible. These problems are not going anywhere until we identify their **common cause** and find some intelligent way to either fix or control it. It is also evident that this requires an approach to problem solving that is not currently in use, since existing problems have arisen under the current watch.

Two things are needed to counter the emerging inevitability. One is an understanding of the inherent limitations that are endemic to consciousness and how they impact upon our sense of reality. The other is a constructive mechanism that can generate sufficient "hope" to positively motivate and otherwise stabilize the masses – in order to gain the TIME needed to find and implement a true fix. A qualified approach to realizing both of these necessities – one that has garnered **"significant"** international support – can be found at **www.edenorg.com**. This is not just another instance of wishful thinking on the behalf of mindless intellect, but a viable approach to problem solving that can /will yield much needed results. It is called the Eden project.

This project is straightforward, justifiable, and totally non-threatening. It promotes mutual understanding among all peoples; provides 'hope' for needed reconciliation between protagonists; yields an alternative source for profit that is survival oriented; urges everyone toward the realization of a workable unity without recourse to intolerable demand; is media worthy; and, tickles the senses in the process of achieving these objectives. In addition, it is designed to serve as a platform by which to propose alternative solutions to existing problems and encourage "scholarship" (worldwide) to openly debate their advantage /disadvantage – rather than relinquishing this debate to political, religious, economic or military interests with preexisting agendas. Hence, it cannot help but promote an atmosphere in which there is far less chance for potential conflict in the short term. Also, without an international platform of this nature, many of the more constructive proposals currently in incubation will never see the light of day. Finally, and most important of all, it will help buy the needed TIME to allow us to understand how to bring our thought process back under control, before it finds a way to silence us forever.

All too often fear and/or uninformed optimism manages to short circuit meaningful attempts to promote necessary change. Regardless of why this occurs, we can ill afford to have it happen any longer – the threat to human survival is simply too imminent. For the same reason, it is important to note that the Eden project is the **only** all inclusive approach to global problem solving currently in existence anywhere. This is not just an idle claim but a verifiable fact. In addition, all the necessary leg work has already been done to allow for its immediate implementation. This is extremely important, because we are currently mired in a very time sensitive equation.

Obviously, this project is not the miracle that is needed to save humankind from itself. Only the arising of those qualities that constitute the Divinity within us all can promote the needed unity by which that can ever occur. Although this project can /will aggressively encourage this fundamental transition, its main contribution comes in the form of a way to re-stabilize the global equation long enough for us to figure out what needs to be done next and do it. However, to realize this promise, it is still going to take a concerted effort by key individuals in a multiple of critical issue areas. Undoubtedly, everyone is aware of some of the problems cited below, but to gain a true appreciation of the exposure they constitute, their combined affect needs to be factored into this equation. Therefore, after giving sufficient thought to this material, it is hoped that you will see the need to

lend you direct support. I await your response.

With Sincere Respect,

<div align="center">May 23, 2005   CC: World Leaders</div>

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Note: The following statistics are difficult to comprehend and not at all reassuring. This causes many to hide behind hopelessness, in an effort to try and justify inaction and /or the continuation of business as usual. However, this is a luxury that international strategists and power players can no longer afford. Where once we could get away with doing this, because global interaction had not progressed to the point where it could directly affect everyone similarly, that is no longer the case today. Since the majority of the fat is gone from many critical issue areas, <u>everyone</u> is now at similar risk. This leveling of the playing field confirms, for the first time in recorded history, that we all have a **direct** stake in the quality of everyone else's life – that is, if we expect to ensure the continuation of our own. That circumstance should impose from without a moral directive of such fundamental import, the same that has gone ignored when within, is a truly awesome confirmation of truth – one that should prove to be a final wake-up call for everyone similarly.

<div align="center"><u>**Countdown to Chaos**</u></div>

During the last century alone, upwards of 300 Million people have died from political, economic and religiously contrived situations, including war, genocide, tyranny and their aftermath – and this is a conservative estimate. Prior to the twentieth century the slaughter was similarly horrific.

You would think that over the last 6000 years humankind would have figured out a way to stop this senseless carnage. But, obviously it hasn't – since war continues to rage on several continents, threatening to draw humanity into an exchange of weapons of mass destruction that will cause the prior suffering (at least in numbers) to pale in comparison. Now a new threat has emerged in the form of secular terrorism, a dynamic for which there is **<u>NO</u>** immediate solution.

In addition, there are an endless number of other life threatening problems that already eclipse our problem solving capability, mainly because they are not being addressed. Equally alarming, they continue to grow in both complexity and threat. As such, they are just further unwanted antago-nists to what has already become an impossible situation. In the interests of time I will reference only the most pressing of these problems. The following information is from demographic studies commissioned by the United Nations.

- 21.5% of the world's population is currently undernourished. This translates to 1.3 billion people and results in some 50 million starvation related deaths a year. 14.6 million of these are children

- 1.5 billion people do not have safe drinking water. Without relief from current situation this number will swell to 4 billion by the year 2025. Three billion people lack basic sanitation. Disease related deaths from these antagonists remain incalculable.

- In the larger cities of the world, 40% to 50% of the population lives in slums. This translates to 740 million people who are constantly being exposed to significant health risks. Worse, this number is increasing at an alarming rate every year.

- One billion people are currently unemployed. That constitutes 1/3 of the World's total work force. At the current rate of job loss this number will rise to 1.5 billion by the year 2012. That is more than 1/5 of the world's total population. All who depend upon these workers obviously suffer accordingly. This deprivation cannot help but further exacerbate the already serious social unrest that exists worldwide.

- The complexity and incurability of new diseases is also on the rise. Part of this problem is due to the conditions cited above; another part is due to the moral / ethical breakdown that attends the uncontrolled proliferation of information and its wanton disregard for long standing cultural restraints.

  For example: Some 40 million people already have HIV in the world (the precursor to AIDS). This amounts to 1 in every 100 sexually active adults under the age of 49. More than 16,000 new cases of this infection occur daily. In 2001, five million new cases of infection occurred and 2 million people died of AIDS. At this rate, 70 million people will have this disease by the year 2010. To date, AIDS has resulted in 13.2 million orphans.

  Hardest hit are third world countries. In some areas of Africa one in four adults are infected with the HIV virus; and Worldwide, UN studies indicate "this disease now rivals the greatest epidemics in human history." If all this were not bad enough, the physical debilitation that attends this illness provides an optimum incubator for a whole host of other diseases that are now on the increase. No hope for a resolution to this problem is in sight, while the cost for AIDS treatment remains prohibitive.

When you factor in the World's ever increasing population (currently at 6.25 billion and expected to increase by approximately 20% over the next 12 years) it should be obvious that the struggle for food, water, housing, medical care, education, employment, etc., will be fierce. Include the rush to modernization of "developing" countries which, when combined, account for 98% of the world's current annual population growth – and then factor in the increase in energy they will use at a time when current usage is already adversely affecting the environment – and it spells environmental catastrophe for everyone. Already:

- 25 million acres of forest are being lost each year to any number of causes. At that rate, 40% of the remaining forests on earth will disappear by the year 2050. With them, so goes the quality of the air we breathe.

- Of the total land mass of the World only 60.5% is suitable for agriculture. Of that amount, 24.9% has already been significantly degraded. In effect, 29 million acres of productive land is currently being lost annually to fundamental misuse. Deforestation, overgrazing, and poor farming practices, all of which result in soil erosion, are high on that list. Some 24 billion tons of topsoil is involved – topsoil that cannot be replenished.

- It takes 1.2 acres of land per year to feed a varied diet to one person. Currently, there is only 0.6 of an acre available. In 40 years, at the current rate of loss, available land for farming will be down to 0.34 acres per person. That translates to worldwide famine.

- Warming temperatures (Greenhouse Effect) of as much as 2 degrees (by the year 2050) could conceivably produce ocean level increases approaching 2 feet. If this happens, considerable land mass will be lost to habitation. The US National Academy of Sciences reports that "as many as one billion people, or 17 % of the world's population, live on lands likely to be inundated or dramatically changed by rising waters. Low-lying countries in the developing world such as Egypt and Bangladesh, where rivers are large and their deltas extensive and densely populated will be hardest hit." Obviously, this will create a refugee problem that will worsen the global situation all the way around.

In addition to human /environmental problems, global stability is also being threatened by the financial instability of nation states. As we begin our journey into the millennium, the world is experiencing its worst recession in over 50 years. Nearly every nation that lacks the necessary energy to meet its growing needs is now financially unstable – and that includes most countries of the world. Moody's Investor Service lists the world's dozen most fragile banking systems as: Argentina, Uruguay, Bolivia, Venezuela, Indonesia, Pakistan, China, Japan, Thailand, the Philippines, South Korea and the Ukraine. But, the rest are not far behind. The United States has not gone unscathed either. It is now the world's greatest debtor nation with an increasing trade imbalance that is inherently self-destructive. Worse, all of this is happening at a time when there exists no resolution to basic socioeconomic system polarization and the conflict it portends.

At the same time, the potential for the misuse of high technology continues to escalate worldwide, hanging like an ominous cloud over humankind. Five nations now possess extensive nuclear weapons capability. They include the United States, Russia, Great Britain, France and Israel. Others that have already demonstrated the ability to build and detonate nuclear weapons include: China, India, Pakistan, North Korea, and South Africa. The Director General of the International Atomic Energy Administration (Mohamed El Baradei) recently indicated that "between 30 and 40 nations now have sufficient expertise to achieve nuclear capability." Many of these are both politically and economically unstable. Several still cling to despotic ruler ship, others to communism and /or radical forms of socialism. Some are already engaged in weapon's research. Hence, the dynamics for nuclear confrontation are still very much alive in many quarters of the world. Even a contained exchange of these weapons would have a catastrophic effect upon the many interdependent systems that comprise our modern world. As a result, we cannot even begin to imagine the consequences that such an exchange would trigger, let alone prepare for them.

Then there are bacteriological and poison gas threats that must be factored into this equation. Both are capable, in existing amounts, of destroying all sentient life on earth many times over. Worse, they are easier to produce, more easily hid, can be dispensed in any number of

non-technical ways, and are far more insidious in the way they achieve their purpose. In the case of bacteriological weapons, the agents can now be genetically altered, self-proliferating, and near impossible to defeat. Not only are these threats unacceptable and incapable of being contained, but the maintenance and further development of these technologies – including potential defenses against them – drain away valuable resources that might otherwise be spent on improving the human condition.

Finally, a less dramatic but nonetheless serious problem is that of pollution. With the additional resource and energy use required to sustain the world's growing population, enormous stress is being put on the recuperative powers of the earth. They in turn are essential to our survival while we attempt to find ways to limit our abuse of them. In many cases the earth is failing to meet this challenge.

- Twenty mega-cities already have hazardous air quality.

- Heavy metal levels exceed safe parameters in the drinking water of most major cities. The more common culprits are cadmium, chromium, lead, mercury and zinc.

- At present, there are some 73,000 chemicals in use in the world. Over 70% of these have never been tested for their effects upon the environment and living organisms. Of that number 1200 are currently suspected of producing adverse effects upon the living. Many are found throughout our food chain at unacceptably high levels. The more dangerous include PCBs (polychlorinated biphenyl), PAHs (polycyclic hydrocarbons) dioxins, furans, and a host of chemical components indigenous to the manufacture of pesticides.

- Carbon dioxide levels from growing combustion have recently been linked to the destabilization of climatic conditions. Hence, as CO_2 levels inevitably increase with unchecked population growth and its attendant energy use, it would appear that our weather patterns are destined to become increasingly erratic.

- Oil spills and the growing contamination of our oceans already threaten aquatic resources. Since the sea provides a significant amount of the world's food this constitutes a particularly serious problem.

- Garbage disposal poses yet another issue where the solution is totally inadequate to the challenge it faces. Burning pollutes the atmosphere, landfills pollute surrounding aquifers, and ocean dumping destroys the aquatic environment.

This is by no means all the problems we face. There are many more and each is rapidly growing in both scope and magnitude. So what is going on here? Why can't we admit that we have these problems, take stock of this situation, and begin fixing them?

The Underlying Problem: As odd as it might seem, the real culprit in this equation is something that we take wholly for granted. It is actually our "thought process" that is responsible for the predicament we find ourselves in. Because it is "infinite" in its potential and we are "finite," it was only a matter of time before it provided us with insights that outran our ability to control them. And, true to form, because it (linearity) lacks its own internal checks and balances, we are now faced with a knowledge base and attendant realities that dwarf our capability to comprehend the implications they empower. Even computers have been useless in this respect. In fact, they have

only made the whole situation worse. Analyzing information at speeds approaching 30 teraflop (30 trillion floating point calculations per second) they have now pushed complexity beyond our ability to even 'hope' that we might someday understand its relevance.

This has set the stage for a dependency relationship between man and machine, one that has now degraded into our blind implementation of their directives. Beyond initial programming, which is always suspect, monitoring and subsequent modification of any given result remains our last lines of human defense in this lopsided equation. When we are forced into decision making that involves time frames that prevent sufficient human reflection, this unholy union between man and machine becomes undeniable.

For example: the flight time between nuclear capable protagonists is now down to less than 4 minutes in several parts of the world. This reduced time interval clearly precludes human intervention into the decision making equation – because the specifics are simply too complex to comprehend and act upon in the time available to do so. As a result, "threshold formulas" that rely upon mechanical sensors to determine actual threat, and initiate retaliatory schemes, have already been formulated and placed into the bowels of computer systems for "go /no go" determinations. Unfortunately, as with everything else human, there is a lot of room for error here. However, computers are not concerned with the possibility for error any more than they are concerned with ensuring human survival. Their sole objective is to evaluate the information they receive and compare it to the mathematical formulation that empowers them to act. Hence, they are quite capable of initiating nuclear war and eradicating all life on earth.

A New Wrinkle: If this threat weren't bad enough, we are now faced with another threat that is just as unpredictable as computers are predictable. It is called terrorism. And, with the <u>in</u>ability to control its proliferation in evidence worldwide, the need for an immediate solution to long-standing cultural problems is now undeniable. Without that solution, it's only a matter of time before weapons of mass destruction enter into this equation along with their use. How big of a threat does this constitute? With the world's monetary system now dependent upon hypothetical possibility, as opposed to actual reality, it would not take much for a well-placed attack to collapse the whole thing. If that were to happen chaos would undoubtedly result.

In the past, force and intimidation have proved successful in suppressing unwanted social dissent. However, with the growing availability of high tech weaponry all this has even now changed. Currently, small groups and even individuals are on the verge of acquiring a destructive capability that could prove catastrophic to global dynamics. Worse, the willingness to use these weapons has already been amply demonstrated. So, there is little reason to believe that sanity will prevail in this instance. Until the world comes to this realization and acts responsibly toward all parties involved, we will continue to be at direct risk from everyone that we forcibly disenfranchise. Hence, we better find a way to resolve cultural disputes in a mutually acceptable way, before it's too late. And, while we're at it, we need to clean up all the rest of the mess we've made also. We owe at least that much to our children and grandchildren.

Changing the way we think is not going to be easy, because most people are oblivious to the need to do so, or too self involved to care one way or the other. That's just how entrenched our patterns of activity have become, much like drug addicts hooked on crack or heroin. But in this case the culprit is materialism with its ability to temporarily placate the emptiness of spirit that haunts our more contemplative moments. Even thought this deception is obviously transient and

decidedly superficial, it is still very compelling to the mindless who are all too often egotistically reactive.   Hence, the world's problems are not just going to go away until we find a way to bring our thought process back under control. If we prove unable to do so, then our destiny will lie with the open-ended continuum that it now promotes – the manifestation of which is already threatening our extinction. Until then, everything will continue to spin with ever increasing momentum out of control – because, the **"maximization of efficiency" that dominates our current thought process simply <u>CANNOT</u> prevent it**.

<u>A Viable Solution</u>: So, where do we start to try and make the needed difference? To begin with, we must stop placing blame in order to find a way to work together. Difference that is disruptive to this larger objective is clearly self-defeating. Education necessarily holds the key, but it must have a central focus – something which it does <u>not</u> have now. Since our system of thought is 'infinite' in its potential and we are dependent upon it for the validation of our 'finite' existence, the ONLY option open to us is to adopt a method of "self-restraint" that can successfully contain its potential to quantify. This requires the construction and implementation of a 'qualitative' system of thought that is centered upon the "human person" as opposed to the possibility inherent to our linear thought process. In other words, we **MUST** refocus our thinking on the importance of the finite as opposed to the infinite. This is clearly the <u>sole</u> remaining option we have left.

The only way this change can be introduced into an ideologically divided world is by concentrating human attention upon the similarity of intent that is shared by <u>all</u> cultural difference with regard to resolving those issues that threaten everyone similarly. And, I am NOT talking about the current attempt to focus humankind on the "extinction of terrorism by overwhelming force." Besides being impossible, juvenile oversimplifications of this nature are extremely dangerous to the fragile state of global dynamics – since they unnecessarily antagonize fundamental belief systems from which radicalism then springs. With the increasing availability of weapons of mass destruction this is a liability that we can no longer afford. Already, the attempt to defend against elementary forms of terrorism is proving to be prohibitive in both cost and personal freedoms. Worse, the long term prospects are clearly futile. Although an occasional terrorist is caught, it is NOT today's terrorist that society has real cause to fear – it is **tomorrow's** terrorist. They are the ones who, with the aid of genetic engineering, will threaten the world with a biological factor for which it will have absolutely **NO** defense. Discreet in both its creation and use, this threat will be **impossible** to counter. In effect, it will make conventional warfare obsolete. So, whatever we're going to do to stem this growing liability needs to be done now.

Due to the impending threat we face, it should be more than evident that a continuation of "business as usual" is no longer workable. Instead, we must begin addressing the many fundamental inequities that exist in the world, before they spawn the kind of desperation that gives rise to a level of terrorism that causes us to become victims of our own egotistical stupidity. Because of the time constraints involved here, we don't have a lot of remaining options. One thing that we can do is to immediately and aggressively establish a mechanism that can infuse "hope" for needed change into those individuals, cultures, and nations, that are now engaged in (or leaning toward) critical violence. If done correctly, this can buy us much needed time. However, the compositional structure of this approach is absolutely critical. To be successful, it cannot admit of bias in any manner, shape, or form. On my website at **www.edenorg.com** I have laid out the principles and methodology by which this 'qualitative' system of thought can be constructed and implemented in the shortest possible time.

There is little doubt that every 'human person' owes it to themselves and everyone they love, or will love, to seriously consider how they can become a part of this effort. To do less is to deny the importance of the potential they now defend. Since there is no room left in this equation for procrastination, whatever we are going to do must be done NOW – before we unwittingly employ some idea from which there is no escape. If we fail to achieve this objective in the very near future, humankind is as good as extinct. Given the seriousness of this threat some real soul searching is in order here. Afterwards, <u>all</u> well intentioned opinion needs to be factored into this equation. Hence, I await your response.