



BACK to PEAR
INDEX

Memory Stimulators.

1985 - HIGHLIGHTS:

Movies : Cocoon; Commando; Right to Kill; Rocky IV; A View to Kill; Volunteers; Police Academy 2: Their First Assignment; Striker's Mountain; Test of Love; The Emerald Forest; The Peanut Butter Solution; Kiss of the Spiderwoman; Mad Max Beyond Thunderdome; Subway; Fraternity Vacation; The Undergrads; The Blue Yonder; Crimewave; Fright Night; The Coca-Cola Kid; Lost in America; Brewster's Millions; King Solomon's Mines; Pale Rider; Legend; Explorers; The Holcroft Covenant; Once Bitten; Rambo: First Blood; Back to the Future

General News :

Consumer Price Index: 322.2

Underground FEDERATION bases are established at or near east of Carlsbad, New Mexico (AEC Waste Isolation and weapons manufacturing) and in southeast Arizona.

1985 - In January, The United States of Europe, a proposed confederation of European states with a common economic, political and defense union - was supported in a poll by 52% of Europeans, as described in a report from Brussels.

1985 - In Hitachi's IC Memories Data Book , soft electronic errors - "transitory

failures in which normal memory operation can be recovered by reprogramming data" are explained as follows:

Soft errors are caused by alpha particles emitted from Uranium and Thorium contained in the packaging materials. When memory chips are exposed to alpha particles, many electron-hole pairs are induced in the Si substrate, causing memory data reversion.

Consider the possible influence on military/aerospace electronics by fallout, etc.

1985 - The CDC released its Project SENIC (Study on the Efficacy of Nosocomial [Hospital] Infection Control) report. The result of a 10-year, 338 hospital survey, it divided most (hospital-induced) infections into 4 categories:

o About 42% are urinary tract infections,

mainly from contaminated urethral catheters.

o About 24% are surgical wound infections in the stomach and intestines.

o About 10% are pulmonary infections, particularly in patients

on ventilators who contract pneumonia from gram-negative bacteria.

o About 5% involve septicemia associated with

intravenous catheters.

Nosocomial infections can occur on any unit, of course, but they're more likely to occur in high-risk areas, such as intensive care units, burn units, or surgical units ...

All infectious microorganisms can be transmitted through the air as well as through contaminated equipment or solutions, including contaminated intravenous fluids and even disinfectants.

But the most common way all nosocomial infections are transmitted remains by direct contact ... between patients or between patients and health care personnel.

Robert Haley, PhD, who directed the SENIC Project would state:

"The problem isn't that catheters and ventilator tubes are improperly sterilized. Usually the germs are introduced to the equipment by the nurses' and doctors' hands. A nurse may have contact with 10 patients 200 to 1,000 times a day, and its impossible for her to wash her hands after each contact."

1985 - During the year, Chinese Tonic Herbs by Ron Teeguarden would be published.

It would be the first English-language book and manual written about the 2500+ year practice of Taoist herbal health preservation. Teeguarden had been fortunate to meet

Master Sung Jin Park while the latter was considering returning to Korea. Master Sung had been coached by Moo San Do Sha, a Korean master of the art who was over 85 years of age when they met. In an effort to raise money to buy a plot of sacred land, Master Sung had arrived in California in 1973 in hopes of teaching 10 people to teach the herbal art in America. After three years of searching without success, Master Sung and Ron Teeguarden met.

A constructive symbiotic relationship developed between the two men with Teeguarden teaching Master Sung the English language and encouraging him to teach seminars from the former's Acupressure Workshop holistic health center. Moo San Do Sha had become impatient in the interim, with no good news from Master Sung, and he had himself gone into Seoul and offered a class in Superior Herbalism with some success. After Master Sung and Teeguarden had been together for a year, the former received word from Moo San that the money had been raised, the property had been purchased and that there was no longer a need for Master Sung to try and raise the monies in the USA. In 1977, Master Sung Jin Park returned home. In the interim years, Teeguarden had assembled the book together and found a printer.

The Taoist reverence for Nature as the only true healer and the necessity for anyone who wished such benefits to "learn the secrets of Nature and Life" was expanded on. The ever-changing reality of nature is contrasted with Rigidity which is contrary to the Taoist "Way." As expressions of this "Way" or lifestyle one may include involvement in the practices of yoga, Tai Chi Chuan, meditation, breathing exercises, a minor consumption of meat and starches, and, tonic herbalism. Each practice demands a development of skills of awareness, appreciation, self-control and self-direction, and, flexibility of movement and perception.

The concept of cyclical processes in nature is regarded as a fundamental life principle. It enables one to cope with negative stress experiences and disappointments with a faith in the eventual expression of positive opportunities and successes. This restricts human preoccupation with negative and destructive emotions which serve to weaken one's health, close one's mind, and turn one from the Way. The dynamic which binds reverence for reality with an awareness of cyclical experience is considered to be that of balance.

Without balance, Teeguarden notes, virtually all of the mistakes of humans takes place. Balance in life requires awareness without confusion, sensitivity without devotion, intuition without expectation, participation without reaction: an avoidance of extremes. Teeguarden goes on to describe more of the principles underlying the practice of tonic herbalism including the law of Yin and Yang, the life energy - Ch'i, the 5 elemental classifications of energies, the 8 manners in which herbs can be used, the 7 types of tonics, the energy organ-meridian system (also used in acupuncture, acupressure and balancing forms of health enhancement, the 3 foundations of healthful existence. A discussion and description of the more popularly used herbs is given followed by recipes, principles for combining, and useful appendices.

Teeguarden cautions the North American reader that unlike their trained expectations, these tonics are "used to promote internal and external harmony," and not to "cure" disease. Other points to note include these:

1. Tonics should be avoided when one has a viral illness;
2. Certain tonics are suited to specific seasons or weather;
3. Other tonics are best utilized according to one's energy use;
4. Tonics will not excuse destructive habits or relationships;
5. A beneficial lifestyle must accompany beneficial herb use.

With the increasing size of population, increasing density of population, increasing intensity of cultivation of the land, massive deforestation, increasing erosion, and increasing use of these herbs in the countries of origin, some varieties, especially the more potent, are becoming rare and high in cost. Both Wild Manchurian and Korean Ginseng plants may grow to reach an age of 200 years - their time of finest quality, with a price of up to (1985) USA \$10,000 an ounce. Knowing which other varieties can still provide you with good benefits for a markedly lower cost is valuable information which Teeguarden provides.

While herbs may be prepared, and sometimes must be prepared, in one of a variety of ways, Teeguarden provides the reader with the information which differentiates effectiveness from uselessness. For the typical modern human, any consideration beyond simply swallowing (pills or fluids), pushing a button on a dispenser, or injecting a substance - requires a new awareness - which Teeguarden offers. This includes such (obvious to herbalists, ancient doctors, and wise persons (witches)) techniques as never cooking herbs in a metal pot nor cutting them with a metal knife. Enamel, glass, or porcelain pots are advised; double-boilers are best.

For the best use of an herb, the reason for its use, the season, the health of the person involved, availability, cost, and strength are just a few considerations. One must learn to be aware and flexible in one's thinking if one desires the health and longevity which is possible. Li Ch'ing Yuen was confirmed as having lived for 252 years when he died in 1930.

Chinese Herbs are available with such properties as

stabilization of blood sugar,

bactericidal action,

mild laxative,

nerve sedative,
energy stimulant,
anti-radiation protection,
fertility enhancer,
detoxifier,
rejuvenator,
anti-tumor activity,
spiritually strengthener,
organ toning,
dispersion of energy blocks,
antifungal and antiviral agents,
strengthener,
ability to raise one's pain threshold,
removal of feelings of depression, anger, and unhappiness, ... and other benefits.

It's all a matter of whether You as an individual, or the culture surrounding you, want good health before material luxury.

1985 - In the spring, Gary Kinder, while in Switzerland for 2 months, met Eduard Meier a number of times. Meier was now rarely seen anywhere but on the sofa in his farmhouse parlour in front of the television. Years had passed since Meier had left the farm for a rendezvous with his Pleiadian contact, though they still spoke to him by telepathy and sometimes met him in his office. People still came to visit him but he rarely spoke with anyone. Others at the farm usually intercepted the visitors and talked with them about Meier's experiences and showed them photographs from several large albums.

When Gary had met Meier a year earlier, he had seen a tired man with a deeply lined face who walked with a shuffle. His bright green eyes, described by others as playful were then weary. The beard he had begun to grow in the summer of 1978 was now curly and half gray, and nearly fell to his waist. Only 47, he looked to be at least 20 years older. People at the farm told Gary that Meier rarely slept, he had ghost pains in his missing arm, and he saw well only out of one eye.

1985 - In June, USA Defense Secretary Weinberger made official a requirement for all satellites launched after 1990 to have elaborate and costly protective (scrambling) systems if they were carrying unclassified government data traffic as routine as Pentagon supply information and payroll data. The Pentagon had originally issued the order. While the Pentagon insisted later that the order was a voluntary policy, its more than a billion dollar annual leasing of commercial satellite channels to those who complied provided a powerful incentive for business to cooperate. Many industry executives opposed the policy believing that it was neither practical nor necessary. The policy does not directly affect the data which travels over satellite channels, but it does make the NSA privy to vital information about the signals needed to operate a satellite. With this information, control of any satellite could be taken over.

Justification for the added protection stems from such concerns as an unhappy employee using equipment worth a few thousand dollars interfering with a satellite's control signals and disabling or even wiping out a hundred-million-dollar satellite carrying government information. Consideration to protect the satellites from destruction by laser rays or other means were not addressed; ransom being more the concern than real loss. Industry executives were sceptical.

According to a 1983 study made at the request of the Pentagon, the protection demanded by the NSA could add as much as \$3 million to the price of a satellite and \$1 million more to annual operating costs. Clearly, such a policy provides extra work for military-based aerospace companies and military-based electronics manufacturers.

1985 - In the July issue of Country Guide , Dave Wilkins provided an overview of the Growth Hormones potential contribution and influence on the livestock business:

"VIRTUALLY every major livestock drug manufacturer in North America is developing, or at least considering, an animal growth hormone product. In fact, some companies have devoted a major chunk of research budgets to this area. The reason is simple: the first to hit the market could really make a bundle.

The growth hormone somatotropin is produced naturally in all animals, but differs slightly from one species to the next. ... Pure somatotropins have been around for years, but were far too costly to use routinely. With recombinant DNA (gene splicing) technology, however, somatotropins can now be produced more cheaply in large volume.

Extra growth hormone appears to boost feed conversion ... so far, no harmful effects have been observed in treated cattle. ... a 40% improvement (in milk production)

One big unknown: what are the long-term effects on dairy cattle (and humans which drink their milk and eat their beef)? ... says John Burton, a researcher and nutritionist at the University of Guelph: 'We don't know whether long-term reproductive problems will develop' ...

Burton adds that thyroxine, a hormone produced in the thyroid gland, was tested a number of years ago as a milk stimulator in dairy cattle. It worked, but had a serious side-effect. It cranked up the animals' whole metabolic system and led to 'burnout' which greatly reduced production in the later part of lactation.

... Growth hormone in mature dairy cattle isn't used for growth simply because the cow is full-grown. But in beef cattle, hogs and poultry that are still growing, the hormone improves gains and feed efficiency. Beef cattle may gain 10% to 20% more when injected with growth hormone. U.S. researchers estimate the cost of daily injections in dairy cows at 25 cents."

1985 - During July, David Parnas, a 20-year veteran in computer science with 13 years experience developing military software, resigns from the Strategic Defense Initiative (SDI) panel. Some of his comments are as follows:

"When I was first called up, I was asked if I would like to save the world from nuclear devastation. It's hard to turn that down. ...

There's nothing less productive than over-funded research. The temptation to go ahead regardless of the evidence and just for the money is tremendous. It's a lot like prostitution.

What disturbs me most is that when I said it wasn't going to work, my colleagues said, 'well we know that, but the money is there, so let's spend it. ...

Software systems are discrete state systems that do not have the repetitive structure found in computer circuitry. There's seldom a good reason to construct software with highly repetitive structures. Traditional engineering mathematics cannot verify their behaviour."

Parnas declared that even in highly structured systems, surprises and unreliability occur because the human mind can't comprehend the myriad of conditions that arise as a result of the vast system's interaction. In a report, Parnas outlined the characteristics of the Battle Management Software as follows:

"o The system must identify, track, and direct weapons towards targets. It must also distinguish targets from decoys, the characteristics of which are not known.

o Computing must be done by a network of computers connected to sensors, weapons and each other by channels whose behaviour at the time it is working can't be predicted because of the unpredictability of the enemy.

o It is impossible to test the system under realistic conditions prior to its use.

o Debugging time will be unrealistically short - 30 minutes, the estimated duration of an attack.

o Like many other military programs, there are absolute real-time deadlines for computation. all dependent upon target characteristics. Resources for computation cannot be predicted in advance.

o The weapons systems will include a large variety of sensors and weapons, that require a large and complex system, with characteristics which will be variable for years after deployment."

Parnas concluded:

"I am a modest man. I believe that I have as sound and broad an understanding of software engineering as anyone I know. If you gave me the job of building the system and all the resources I wanted, I couldn't do it. I don't expect 20 years of research to change that fact."

"Overcoming the complexity of the system by using Artificial Intelligence is not the answer. It is far too dangerous and unreliable."

1985 - By late July, Dr. Bernard Etkin, an aeronautical engineer with more than 40 years of experience researching aircraft structure, satellites, re-entry vehicles and aerosonics, and who has served as a consultant to both the USA and Canadian government - replied to Parnas' assertions:

"I find Parnas' statements credible. ...

People who think they can build a defense that no one else is able to get around or through are not being realistic. The enemy can eventually find a way to disable or overwhelm you.

With SDI, much depends on the functions of satellites and sophisticated communications equipment to control lasers and particle beams to deliver the lethal punch.

The point is, .001 degree of inaccuracy would be enough disturbance to nullify the entire operation. Software's susceptibility to error would make it easy to destroy the effect. ...

I hate to say it but subconsciously (contractors) block out the realities. Professionals faced with the potential for great sums of research money, which everyone sees from all of this, become unrealistic about what can be done."

Etkin predicts SDI will go ahead as planned and that Parnas will simply be replaced. But every year the USA military will have to reassess the problems:

"They may actually stop it. By that time the involvement will have gained momentum. Jobs will be on the line and there'll be a vested interest from industry to see that it continues."

1985 - By August, Dr. J.B. Moore of the University of Waterloo, in Ontario, Canada, had stated regarding the USA "Star Wars" SDI. He noted that the unreliability of (all) software is the major dilemma. As a simplification of the problem, he offered the following:

"At some unknown time, an unpredictable number of objects will appear above the Earth's surface, moving at great speed. Sensory devices, some of which will not be working, will detect these objects.

Some of the objects are ours; leave them alone. Destroy all of the other ones, using the available devices. If it appears that some of the devices are not working, use the others to destroy the remaining objects. If you fall behind, catch up. At all costs, don't let anything through."

He concluded that there is no way that software coding by humans can be absolutely dependable. He noted that commercial systems are much simpler and have the advantage of being able to be volume tested with real information while operated with a working parallel system. Even then, serious software errors still occur. The proposed SDI software could be checked in a modular fashion; an integrated test would be much more difficult or even impossible. The susceptibility of a space-based defence system to compromise was further noted by the fact that its stable positioning in Earth orbit would make it a predictable target for an enemy.

What was not mentioned in the critiques during this year is that the Soviet Union already has the proven ability to destroy enemy satellites with their own killer satellites and are expected to soon have an Earth-based system of destruction by particle-beam or high-energy laser. Neither was it mentioned that Sunspot Maximums, which occur every 11 years, and sudden and erratic occurrences of Solar Subflares, which can happen anytime, could each disable satellite systems and influence complex electronics systems to become confused in operation and either activate incorrectly, not activate as designed, or, be destroyed. While humans have focused on building ever more electronically sophisticated weapons of self-destruction, they still are largely unaware of the influences of subtle solar activities capable of influencing the weather of the Earth, the geomagnetic fields and the operation of electrical and electronic systems. Choices - humans have choices.

1985 - By September, the USA NSA (National Security Agency) using authority granted to it by NSDD-145 (National Security Decision Directive) - investigated the computer program that was used in local and federal elections in 1984 in America to count more than a third of all the votes. While probing the computer's vulnerability to outside manipulation, the NSA obtained detailed knowledge of the program. Both Congressmen and House Representatives criticized the expansion of military powers into areas which were not believed to be a matter of national security. The analysis would enable agents of the FEMA (Federal Emergency Manpower Agency) of which George Bush had been a major contributor between 1982 and 1986, to engineer the election of George Bush to the Presidency.

1985 - On September 19, Mexico City, Mexico experienced an 8.1 earthquake. The

large subduction zone earthquake beneath the coast Michoacan region of Mexico caused extraordinary damage in Mexico City, 220 miles (350 km) away from the epicentre. In one instance, the shaking force resulted in a skyscraper literally falling flat on its back. Regions in between were relatively unscathed. The damage was attributed to a long period of shaking combined with amplification effects associated with the thick silt deposits from an old lake bed beneath the city centre. About 1,000 buildings were destroyed, and over 10,000 people killed. The Cocos Pacific seafloor plate snapped 20 kilometres (12 miles) down, releasing an estimated 15 megatons of force. Most of the loss of life could have been prevented by the use of better building standards, forewarnings acquired through meditation, and disaster preparation.

So violent was the earthquake that tall buildings in Texas trembled, water sloshed in Colorado pools, and the shock could be detected over the entire Earth's surface. The concrete floors of the Benito Judrez Hospital, in Mexico City, collapsed on top of each other entombing 1,000 staff and patients. Fuel tanks began leaking. Electricity in much of the city stopped when municipal generators shut down automatically. International telephone and telex lines were dead. Broken mains and aqueducts cut 6 million people from household water and hampered firemen. Reconstruction costs were estimated at \$4 billion. Possibly 30,000 persons were injured and 95,000 became homeless. A government disaster plan was largely inept. A strong regional quake had been warned of by Karen McNally, director of the Charles F. Richter Seismological Laboratory at the University of California, Santa Cruz, in both 1981 and 1985. Major earthquakes occur in Mexico about every 35 years. This was the 5th correctly foreseen quake in Mexico since 1978.

It has long been known that much of Mexico City has been built on a dry clay lake bed, much of which has been dried up to serve the needs of the expanding population. As it continues to dry out, some buildings have been subsiding into the drying soil by as much as 15 centimetres yearly. Buildings between 7 and 15 storeys in height often have natural vibration frequencies of 2 seconds; with the extended double shock pattern of this quake, they became the most likely to fall or suffer damage. A shorter duration quake of 1/2 the magnitude had been the last to strike Mexico City, in 1957. The building code had been amended then to account for that level of force and in accord with the human inclination to believe that the worst disaster possible is the last one. The deficient building code, stronger quake, longer duration, unstable subsoil foundation, and inopportune building heights - together with unheeded warnings, resulted in the high losses

1985 - In September, the Plaza Agreement was held at the Plaza Hotel in New York City. At it, central bankers in the Group of Seven countries (Japan, West Germany, Britain, USA, Canada, France and Italy) agreed to intervene in the markets to lower the value of the U.S. dollar, in relation to other major currencies. As long as the American currency remained higher in comparative value, exports from the USA would be minimized and imports would be maximized - to the Americans. Continuation of this situation could have resulted in American employment and manufacturing rates falling while all other nations

experienced more favourable social conditions. The desired change was brought about by the non-American central banks selling more American currency and the American government purchasing more foreign currencies.

1985 - During the fall, A Walk-in answered:

How are space beings working to prevent World War III ?

"Space beings are trying to infiltrate into war councils and strategy huddles of many nations to convince them of the folly of moves that would cause a world conflagration. Ethiopia is so stricken with famine (1985), and so surprised by the good offices of Western nations (in sending food supplies), that the tension there will ease and may not now erupt into war with its neighbours, thus setting off the dread conflagration. It is not yet clear, but it looks now like war will not occur in 1986 or soon thereafter. If not, there will be a period of uneasy peace, with great technological advances, and extraterrestrials will play an active role in furthering some remarkable discoveries in that field."

1985 - In September, the USAF ASAT Test disrupts the 850 kg polar Solwind satellite causing it to break into 285 tracked pieces. The majority of the potentially lethal debris (95%) would re-enter the Earth's atmosphere by early 1990 aided by the increased atmospheric density associated with the 1987 high solar activity levels, the 1988 abrupt rise in sunspot activity, and the 1989 solar burst and gigantic magnetic storm.

1985 - During the year, an enormous hole in the ozone layer over Halley's Bay on the coast of Antarctica, was reported by a team of British scientists. The recorded depletions were so large (up to 40%) and the idea of a continent-size hole so unexpected that several research groups, including the British Antarctic Survey, NASA, and the U.S. National Oceanic and Atmospheric Administration had not wanted to believe their own findings. Each group had waited for independent corroboration and, hearing no confirming reports, had sat on the results for years, attributing readings of enormous seasonal loss of Antarctic ozone to instrument or computer failure: the too-oft failure of human rationalization. Once again, the human god of rationalization, with an effectiveness no better than chance had been demonstrated to be destructive in questions of survival, yet human cultures would learn no lesson from it.

Contrary to the expectations of scientists, the layer protecting the Earth wasn't just thinning gradually. The CFC-Ozone reaction wasn't linear. Instead, an immense hole had suddenly been noticed in that section of the Earth's atmosphere. Even more ominous was that the hole had appeared over the most remote part of the globe, far from where the CFCs had been released, and, fortunate for human survival. The ozone hole underscored how ignorant humans were about the manner in which their own activities influenced the stability of the Earth's ecosphere which supported their life. Spacepersons had been warning individual humans of this consequence since the early 1950s.

International meetings were held in Vienna and Montreal in 1987 where an international

protocol was drawn up that called for a 50% cut in CFCs by the year 2000. By 1989, it would be clear that these standards would be inadequate, even if they were adhered to. In 1989, A Helsinki meeting would result in discussions of a total ban of chlorofluorocarbons by the end of the decade. As humans had been taught, they intellectualized and procrastinated making decisions which, in this case, could mean severe and irreversible consequences for life on Earth. Had the decision as to whether or not to use the CFCs been made at the time of their creation by cultural leadership guided by clear-minded meditation, they would never have been introduced! This cultural change, to the benefit of humanity, had been offered to human political leaders by spacepersons beginning before 1954. Such human leaders, guided by their iniquities, declined the offer.

1985 - During the year, the USA Navy Classifies Ocean Bottom Charts making them available only for military-approved researchers whose needs are evaluated on a case-by-case basis. In the years immediately prior, 3-dimensional satellite images were compiled using technology undreamt of 25 years before. These had been made available by commercial and nongovernmental enterprises while the Pentagon wished to limit their circulation.

From a military point-of-view, highly accurate topographical maps of the ocean floor could permit safer and more concealed covert submarine operations. This advantage dwindles if a potential adversary has the same information. In addition, the location of major undersea installations, bases and environmentally or militarily sensitive sunken ships, submarines, rockets, or other apparatus could prove embarrassing to the host nation as well as limiting to their future military effectiveness.

From a national security point-of-view, the recognition of spaceperson culture underwater bases would also completely destroy the shroud of secrecy surrounding UFOs and intergovernmental cover-ups and interrelationships with such cultures - or, make it necessary to greatly expand the disinformation directed at the public. Also, a real understanding of the reality of the ocean floor topography in terms of its movements presents two concerns. An expansion of private enterprise exploitation of ocean floor riches can defeat the purpose of capitalism: profit by the control of the resource. Continuing to share information about various "mining" opportunities limits the potential profits which a monopoly can make. Public information in a global economy encourages inter-national competition which is counter-productive to national capitalist growth.

A second concern is that publicizing the predictable instability of some ocean floor regions while acknowledging the existence of massive and continuing uplifts and sinking levels in specific regions could result in negative social reactions. Raising the awareness of the public to earth changes for which they are unprepared to cope would be expected to produce mass panic or mass paranoia.

Opposition to the outright classification of these charts was mirrored in the words of Paul Wolff, assistant administrator for the National Oceanic and Atmospheric Administration who stated: "That's like classifying a road map for fear of invasion." Outrage from the

general scientific and business community simply produced covert methods of controlling the flow of information to the public.

Under the leadership of the Reagan administration, the Department of Defense quietly implemented a number of policies, decisions, and orders that gave the military unprecedented control over both the content and public use of data and communications. The Pentagon created a new category of "sensitive" but unclassified information that allows the Department to keep from public access huge quantities of data that were once widely accessible. Other controls on the nation's entire communication system would be devised.

1985 - American Thrift (Savings & Loan - S&L) Institutions become deregulated allowing them to invest a greater percentage of their assets in consumer loans, commercial loans, and direct real estate investments. These investments are considered to be high-risk in banking and it is advisable to maintain higher reserves to offset likely losses. This adjustment is largely not done. A significant portion of the mortgage loans originated by the S&Ls are in the form of adjustable rate mortgages, as opposed to a 30-year fixed-rate conventional mortgage. As rates and monthly payments rise, foreclosures and late payments also rise.

A number of real estate seminar entrepreneurs traverse the USA and Canada during this period promoting real estate acquisition with little or no money deposits. They are frequently encouraged to take over distressed owner properties, rental properties and equity participation agreements. While largely presented ethically, many of the attendees or cassette course subscribers make assumptions about the opportunities and strategies proposed which encourages failure. Rather than trying to assist distressed individuals and families in gracefully leaving an financially compromising situation, many seek out such situations with the intent of using manipulation, deception and fear - to obtain properties for next to no money and the assumption of the outstanding debt. Others are overoptimistic about their skills or underestimate the degree of skill required in effectively negotiating a purchase and sale as well as in the management of property and tenants. Control of the opportunity is lost in numerous situations when the investor has obtained ownership to a rental property and subsequently does neither maintain it adequately nor choose dependable and orderly tenants nor treat the current tenants with respect. Still others oversimplify the techniques suggested in the seminars or fail to follow the cautions of the seminar leaders who encourage the participants to confirm whether all of the procedures mentioned - and used in a variety of states - are applicable and legal in the locale of the participant. On average, those attracted do not have a professional attitude and are motivated by the prospect of getting rich quick with little effort.

1985 - On October 5, Lt. General Lincoln D. Fauer, in an address to the Association of Former Intelligence Officers, 11th Annual Convention (he retired earlier in the year from the position of director of the National Security Agency) entitled The Future of the Intelligence Community , stated the following:

"We are, in fact, in competition with ourselves to provide systems that suit our needs in a controlled manner for specific purposes. Our technological ingenuity creates a threat to us by encouraging the pursuit of new, more, and costly systems all the time. We can always find ways of making things better, but we should not continue to pursue perfection. We must be more disciplined in deciding what to pursue and sticking to it. We need to go back to basics in identifying requirements. As a nation, we have always failed to be modest and austere in identifying our requirements. And as resources become more scarce, as money becomes tighter, a reduction in our requirements will enable us to release money for the task."

Fauer has identified the weakness of all human technologically based societies: Pride! We tie our identities so close to our physical achievements that we constantly try to prove ourselves worthy of acceptance, power, and control by the technology we create or the body we build. The fear attached to the weakness obsesses us with the quest for perfection without which we believe we will be overpowered by another nation, another firm, another employee, another person. Ultimately, this drives the individual on the motivation of "every man for himself"; the nation is obsessed with "security through power" - of economy, of military, of image, of survival. Perhaps only three "powers" have shown the ability during the period 1950 - 1994 to define their requirements, in brief, and stick to them:

1. The REDS have assisted the survival of humanity by sabotaging several attempts at nuclear war, encouraging the development of theories and technologies which have resulted in medical breakthroughs, agricultural innovations, increasing human spiritual awareness.

2. The GRAYS have prepared for colonization of the Earth without human opposition or interference and that is almost complete.

On the other side of the equation, the majority of humanity, during that time has demonstrated their preoccupation with iniquities rather than the cultivation of spiritual strengths. Iniquities of envy, greed, pride, weakness, gluttony, lust, sloth, fear and vengeance have resulted in our sacrifice of most of our earnings, even to huge national deficits - with little contentment, optimum health, or a clean environment to show as rewards. Our cultures, our politics, our schools, our churches and we ourselves as participants are responsible.

1985 - During the year Jerry Whitworth, USN retired, was charged with 8 counts of espionage and a count of tax evasion. He was found guilty of 7 of the 8 charges and sentenced to 365 years of imprisonment with eligibility for parole at age 107. In return for his open testimony, Whitworth's son, who had also taken part in the espionage, received a reduced sentence of 25 years imprisonment. The defendant were given a "show trial" during which a great amount of media exposure was allowed and encouraged in an

attempt to discourage further participations in espionage as well as to increase national fear of and hatred towards the Soviet Union. As always, the suggestion was made to the public that only the Soviets involved themselves in espionage.

None of the participants were aware of nor made aware of the nuclear retaliatory strike which had almost been launched by the Soviet Union in 1979 as a result of their efforts. Like the typical government and military dependent, they were untrained in and had no appreciation for the usual deceptions, manipulations and intrigue common to human high-level, large nation, political strategies. The simplicity of their reasoning led them to believe that at worst, the USA and USSR would be trapped in a constant stalemate, and, that anything as important as an order to start war would not be conveyed in such an immediate manner as by telecommunications.

1985 - On October 2, an Israeli Act of War resulted in Israeli jets destroying a PLO centre in Tunis where American intelligence had determined Yasser Arafat was staying. While the centre was destroyed, the PLO leader was away from the area at the time.

During 1983, the USA and Israel had signed an agreement to share some forms of information. In 1984, Jonathan Pollard, an American Jew, was assigned within USA Naval Intelligence to a position as a terrorist project courier. He initially became involved in scientific espionage, sending technical information to the Israelis. He was paid \$2,500 per month. After 18 months of espionage activity, piles of information were noticed on his desk which were both sensitive in restriction and did not relate to his duties. During that period he had sent the equivalent of a room full of copied documents to the Israelis.

During 1985, he was questioned, and eventually arrested by the FBI. He pleaded guilty to espionage and his wife was found guilty of assisting him. He received a sentence of life imprisonment; his wife received a sentence of 5 years. After 4 years she was released and she moved to Israel. Clemency was requested for him by Israeli Prime Minister Rabin in 1993. The American administration denied the request.

1985 - During October, Bob Gates, U.S.A. National Intelligence Officer for the Soviet Union, 1981-82; Deputy Director for Intelligence (DDI), 1982-86; Chairman, National Intelligence Council, 1983-86; Acting Director of Central Intelligence, 1986-87 - defined 10 areas of investigation and concern in the development of future intelligence analysis:

- 1. Intelligence data would be communicated to policy makers by computer;**
- 2. The data desired would be more difficult to obtain;**
- 3. Recruitment of career attitude "clean" agents would become harder;**
- 4. Already, the CIA sought to be a partner with the Congress;**
- 5. The Executive Branch would use the CIA for education of the public;**

6. The policy community would use CIA data to justify foreign policy;
7. The diversity of subjects monitored would increase dramatically;
8. More government departments would use CIA sourced data;
9. Intelligence would become more central to foreign policy processes;
10. Intelligence would be the only government service looking ahead.

In more direct terms: Alternative 3 as a policy plans for the future;

the aim of foreign policy is to maintain image, conceal Alternative 3, spacebeing activities and their technology transfer, and condition citizens for servitude; finding intelligent "drone" agents is becoming more difficult; CIA data users will use same to justify policies and sell strategies: Decisions will be triggered by the software and analyst who structure the output. The only question is: Who tells them what answer to "find"?

Any good researcher knows that with "selected" data you can prove anything because much of the data available to the researcher is erroneous by intent, circumstance, or ignorance.

1985 - Late in the year, a Walk-In answered the following question:

If war is averted in 1986, what is foreseen over the following ten to fifteen years ?

(232) Industry will blossom out into the most interlocking and coherent force in earth's history. Computers will require less space and fewer operators as centralization of data spreads to almost every segment of the economy. Those in charge of programming these central stations will have to be of the highest calibre, as false information and dangerous theories fed into the central data banks can permeate the thinking of all peoples and sway public opinion.

There is real danger of a few evil people slipping into these positions in order to disrupt important work and governmental economies, or to control universal thought and action. Unless these central offices are guarded and patrolled, such activity can lead to war. Never before in world history has there been such potential for a few wrong-minded people to control the masses; yet never has there been so much potential for good if right-thinking, peace-loving people are there to direct the machines that will be "read" daily by many millions in schools, offices and homes. Lives will be saved, time conserved, and a new life style emerge as people take their informational readouts from computers.

Russia is devising an electronic system that will be able to knock out U.S.A. communications at the press of a button. Communication with orbiting satellites could then be lost, and the U.S. thereby shut off from quick information and powerless to respond if a surprise attack should be launched at any time. Books and newspapers will

continue to attract thinking people, but others will take the easy way of learning through radio and television, until Russia demonstrates that the present culture is at the mercy of electronic gadgetry. Better to be developing some rival systems of power from the sun and wind, so that America is not left powerless in the event that Russia decides to negate the present sources of electrical energy.

In the twenty-first century, after the shift, women will be equal with men and racial prejudice will be eradicated as a new race of people is reborn into the earth. When electrical power is restored after the shift, television and radio will largely assume the teaching role, instead of schools. Computers no larger than the human brain will make contact with intelligent beings in other planetary systems, and much will be learned from the superior technological and spiritual development.

After the shift, technological development will be in abeyance for a time "while people work on their soul and spiritual awareness. It will be an interesting time as these new souls from outer space blend with earthlings to bring about equilibrium between science and self-understanding."

1985 - On November 13, Nevado del Ruiz Volcano, Columbia erupted melting ice and sending torrents of water down its sides, forming massive mud flows which inundated surrounding river valleys. Evacuation orders were given for the town of Armero, situated directly in the path of one of the lahars (Javanese for "mudflow"), but was largely ignored until too late. As the great tide of mud surged through the town, many of the buildings were buried in up to 12 feet (4 m) of mud, and most of the inhabitants were killed. Death toll: approx. 23,000; including almost the total population of Armero. located 50 km (30 miles) from Nevado Del Ruiz.

The converging Nazca Pacific Ocean plate and the American plates had released accumulated frictional energy resulting in molten rock and gases rising inside the volcano. Partial melting of the volcano's glacier cap produced the water and mud flows. Nearly 400 years had passed since the volcano had attracted such attention with a major eruption in 1595. Due to the height of Nevado, a small flow reached a speed of 160 km per hour (100 mph) during the disaster. 90% of the volcano's ice cap remained unmelted after the disaster. Earthquakes shock the area in late 1984, and minor expulsions of gas and ash occurred periodically throughout 1985 before the eruption and the resulting mudflows. Neither the residents nor the government officials and scientists heeded the warnings.

Mudflows had occurred in the region before. In 1845, one was described as "Stupendous and Deplorable Happening, ...". The clergy described an earthquake-induced mudflow on the Lagunilla "so that ... their successors, would not forget ..." But they did. On September 11, fresh ash and lightweight rock was found on the snow from a major steam blast. Some residents left home until government officials assured them that everything was alright.

1985 - During the year, a computer malfunction resulted in a temporary overdraft in the Reserve Account of the Bank of New York. The malfunction occurred in the bank's

government securities clearing business section and it was necessary for the Bank to borrow \$22 billion from the Federal Reserve Bank of New York. In European countries, the lender of last resort, as required in this situation, would be the Ministry of Finance, rather than the central bank; in the Eurobond market, there is no lender of last resort. A similar problem outside of the USA could result in the liquidation of the bank!

1985 - Late in the year, Inspector Chris Braiden, Edmonton Police Department, Alberta, Canada and Special Advisor, Preventive Policing, Ministry of the Solicitor General, Ottawa, Canada, releases his report: Bank Robberies and Stolen Bikes .

In a survey of the American, British and Canadian policing histories and systems he finds the following:

"Much has been learned about crime and policing in the past fifteen years. Unfortunately most of this valuable evidence remains buried in obscure government reports or academic journals. Little of it has progressed past the academic exercise stage and the term 'The paralysis of analysis' is most appropriate. ...

For too long, policing has existed as an island in a sea of social and behavioural problems. It has pursued crime as if the phenomenon has a definitive start and finish. We cannot be very effective at controlling crime until we understand the community around us. ...

Fact : In Canada in 1984 there were exactly 1,069 bank robberies which netted \$2.8 M. In the same year there were about 182,000 reported stolen bicycles which netted \$45 M. The reporting rate for stolen bicycles is only 30%. Most people either don't have insurance or the loss is less than the deductible clause.

An examination of the policy and procedures manual of a typical urban police department will reveal copious instructions on how to respond to bank robberies. Meticulous records will be kept on all statistics relating to such incidents. No amount of time and resources will be spared investigating each incident, in fact more money may be spent investigating one bank robbery than all of the stolen bicycles combined. Special squads of detectives will respond to bank robberies and money is no object in hunting down the comparatively small number of criminals involved.

The manual, however, will be silent on the issue of stolen bicycles except to state when found ones are to be auctioned off. The police probably will not even respond to investigate; they will just take a report over the telephone. When a bank robbery 'goes down', all hell breaks loose in a police department. When a kid's bike is stolen, not a twitch. Why?

Are police leaders aware of the disparity of resources applied to these problems, or the magnitude of the stolen bicycle problems? I don't think so. If they were I'm sure they would do something about it. But therein lies the root of the problem. Too often they have become so enmeshed in senseless bureaucracy that they are unaware of individual

community problems. They have become 'fire-fighters' with the 'In/Out' baskets dictating their daily work only to face the same baskets the next day. Contemporary policing reacts to incidents , not problems It seems that current police vision does not have the capacity to look beyond an individual incident to identify a problem. We are preoccupied with the behaviour of the individual criminal rather than the debilitating effect of multiple small crimes on the (spirit of) the community. ...

There is another, more immediate need for this mental overhaul. We know that fear of crime is a more debilitating problem than the actual incidence. For example, many people believe there is up to five times as much crime than there actually is. The debilitating effect of crimes such as stolen bicycles because so many homes have been victimized clearly contributes to this fear, a fear that is eating away at the confidence law-abiding people have for the health of our communities and the criminal justice system of which we are a part.

Many basic ideas of community-responsive policing have been discussed and written about for perhaps 20 years. Why has so little been implemented despite the apparent logic of the ideas? Those in the know may be surprised to hear that the great majority of front line officers have never heard of community policing, much less understand it. For whatever reason, it has remained the private reserve of academics and a few police leaders on the conference circuit and it has gone nowhere. ... until the people in the operations end of policing understand and accept the newly emerging ideas of community responsive policing, it will go nowhere. ...

Once the people who are closest to the delivery of police services understand the concept fully, they will come up with ways to implement it. ...

The bottom line is that the typical urban police agency of today devotes 80-90% of its time and resources to patrol operations and follow-up criminal investigations. ... Neither source seems to have contemplated community needs or input in plotting the police mandate. ...

Now, at the end of the era of urban growth, there is a much greater concern with the quality of urban life. Along with this change in focus, we find a marked growth in citizen organizations and outspokenness. ...

Multi-million dollar communication systems have been installed to improve response times by mere minutes, sometimes even seconds. In many jurisdictions, constables have been reduced to responders and report-takers who are urged to get back to their car and radio as soon as possible.

Computers and terminals are now the 'in' thing with everyone insisting they have one to function efficiently. For example, an official with the (USA) Federal Department of Supply and Services was reported recently ... as saying that expenditures by that department for this type of equipment skyrocketed from \$2 M in 1981 to \$33.5 M in 1984. ... But computers are irritable animals; they must be kept cool so the cars must have

air-conditioning. For air-conditioning to work properly, the windows must be rolled up. Now in police jargon, 'in service' means to be in the car, close to the radio and computer. It is considered to be good to be 'in service.' 'Out of service' is bad. ... So we have now come full circle; technology contact has now become primary and people contact has become secondary. 'Load-shedding' of service calls are current buzz words. Service calls where people might just need a bit of help or advice are lowest on the totem (priority) pole. The end result is that we spend 40-60% (one study had it at 78%) of our patrol time doing nothing because the big catches do not come that often. ...

Rapid response is a factor in solving only 3% of all serious crime! What is more important is how quickly the crime is reported to the police. Research shows that most victims will call a relative or friend before calling the police. ...

50% of all calls for service come from sources that have called the police at least 10 times in the preceding year (spousal abuse, drunkenness, threatening, assault ...). These in fact are recurring problems being treated as individual incidents .

The best single source of information to solve crime comes from crime victims yet we spend as little time as possible with these people. Constables, because there are more of them and they are usually first on the scene, solve much more crime than detectives because of the information supplied by victims and witnesses. Success in solving crime diminishes rapidly with the passage of time.

Contrary to what television would have us believe, most of a detective's workday has nothing to do with catching criminals. Only one-third is spent investigating crime, the rest is eaten up with paper work, disposing of seized property and 'servicing' dead-end cases not to mention countless hours spent in courthouse hallways. ...

Ordinary people know more about policing today than ever before and many of them are resentful; the police officer sitting in a comfortable, expensive patrol car (which to the observer translates into 'doing nothing') represents wasted tax revenue to the business person and a cushy, well-paid job to the unemployed. People resent paying for something they have no say in or control over. ... The best cure for crime, is time. Most people grow out of it. What is more likely is that people are reporting crime less because they are progressively losing faith in the justice system, a fact indicated in recent research.

The point to be made is that many of the programs initiated in recent years to bring police and public together were for the sole purpose of police popularity; to sell ourselves and our self-ordained product; to improve the image; without changing the product. These programs are condescending, shallow and demeaning to the true dignity of the police calling,

But in traditional policing, we have always tried to keep things nicely packaged and pigeon-holed. You cannot do that with community-based policing. Depending upon the problem faced, (determines the solution).

In our time, we have gone through a decade of adjective policing; we've had team policing, zone policing, preventive policing, proactive policing, reactive policing, hard policing, soft policing. I think all of these terms have served to confuse most of us. ... Fear of physical force can stand side by side with gentleness and kindness as legitimate tools of true policing. The good cops can do both. ...

Crime and disorder are not police problems alone, they are community problems with the police being the stimulator and facilitator towards the solution. Just as dentists cannot bring about dental health alone but must lead the community to create its own dental health by employing good habits and frequent checks for problems. ...

Community policing recognizes that de facto police work involves much more than law enforcement and catching criminals. Police are the delivery service for social 'first-aid' to the community. They are the agency of first call. They are the first to become involved in most social problems but are not expected to solve these problems or see them through to the end. They are often the link between problem and solution. This is so even in their law enforcement role; they start the process and then pass it on to the rest of the justice system. They are the gatekeepers to the criminal justice system. ...

Police leaders are paid to lead. With some notable exceptions, few have done so. Instead, most have chosen to bury themselves in bureaucratic memo writing and paperwork. Paperwork can be delegated; leadership cannot. ...

Even in these times of mind-boggling technological advances, the guts of police work is still human-being reacting to human-being and this is not likely to change. Robots may be able to make cars but they cannot bring peace to a family in turmoil nor can they provide a shoulder to cry on for an old 'wino' intent on suicide. Computers may have great memories, but they cannot create. We will get the best mileage out of technology by realizing its limitations and not being overawed by it. ...

Usually, foot patrols are assigned to the business sections of large cities and only because of the lobbying by the Chamber of Commerce or some similar group. This is dangerous because when the entire tax-paying population does not have a say in the role definition of their police, special-interest groups are often allowed to monopolize police time and resources for selfish reasons. In many cases the people who need us the most get the least of our times because they have no political clout. Wealth has no place in determining police service. ...

Three-quarters of most cities need little policing, the other quarter a lot. The big task ahead of us in policing is to determine where, when, how and for what purposes we apply our resources instead of just dishing it out geographically. ...

On Occasion we are guilty of claiming we are too busy to stop what we are doing. It seems to me that machines, hardware and 'things' are busy but our modern intelligence and ingenuity lies dormant most of the time. Our modern frazzled way of life gets in the way of

exploring ourselves for solutions. We look outside ourselves too much and not inside enough. The solutions we need in policing are not to be found in cars and computers but rather in the intelligence of the people who control those things. ...

People are fast losing faith in a criminal justice system that is shamelessly expensive and inefficient. We still build palatial courthouses even though most cases are dealt away in hallways and offices. ...

Fact is we have become a society of litigators rather than doers. ... The number of lawyers in Alberta doubled between 1975-1983 despite a severe economic depression. There are more lawyers in Washington, D.C. than the entire country of Japan with its 115 million people. If they have a problem in that country, they'll hire a few engineers and fix it. We'll retain a dozen lawyers to argue its constitutionality. The astronomical increase in insurance rates is directly attributable to this abundance of lawyers and cavalier litigation with 'Joe Public' footing the bill for both the cause and effect of everything."

Braiden calls attention to the fact that the public are losing / have lost trust in their policing forces and that as a result more crime is being committed, less crime is being reported, the public is becoming more fearful of crime, more victimized, and, more irritated about the cost and effectiveness of their police forces. That is, the spirit of the public has been abused by legalistic, bureaucratic and technological systems of which each has been inefficient and costly - excuses not to get involved.

1985 - In November, the Seventh National Conference on Child Abuse and Neglect was held in Chicago, Illinois, USA. Fernando Guerra , a professor of paediatric medicine from the University of Texas, would state:

"As I spend more time in the practice of pediatrics I am convinced that we can no longer stop the tremendously overpowering problem of child abuse and neglect. There are people in each of our communities who are totally overwhelmed by stressful events, who face one crisis after another, and the groups that remain at greatest risk continue to fall outside the system of resources that has been developed to do something about this."

Michael Wald , a law professor from Stanford University further noted:

"Unless we fundamentally change the type of society that we are, there really is no hope for child protection."

At this point, the status quo is completely oblivious to the cultural-genetic influence of energy blocks for humans. Social leaders would remain in denial about the obvious deficiencies of the institutions which they maintained for the purpose of providing coping skills to their members. Select political, military and business decisionmakers would continue to utilize their methods of covert activities, social deception and manipulation of the banking and legal systems to enhance the aggravation felt by the majority of the participants in their society. And naive, ignorant and co-dependent persons would continue to ask: "Why would a loving

God make life so difficult?"

1985 - By the end of November, Separate Trading of Registered Interest & Principal (STRIPS) were being sold through American broker-dealers. Book-entry zero-coupon U.S. Treasury securities, STRIPS accumulate interest over the term of the bond, and pays interest in a lump sum at maturity. A dealer or investor holding full-coupon Treasury securities may return them to the treasury for stripping. Then the Treasury returns a zero-coupon security. STRIPS defer the payment of interest cost thereby suggesting that the government expects or hopes that its income will improve markedly by the maturity date and that, for political or other reasons, a reduction in short-term budgetary expense is desirable.

1985 - By December, the International Institute for Strategic Studies, a London-based organization, states that war in all its aspects, including preparation for it and defense against it, is the world's biggest industry. Nations spend more than US \$1 trillion a year on military programs. The North Atlantic Treaty Organization (NATO) and the Warsaw Pact which have never fought each other directly for nearly 4 decades, account for 83.5% of that expenditure (and the benefit of it to their economies). On average, for each month since the end of WWII, 41,000 humans have died in military conflicts: almost 20 million. Of those, 3 out of every 5 killed have been civilians. Countless more have been wounded or otherwise injured, and, still countless more than those have been traumatized by the insecurity, brutality, and injustices of war.

Throughout the period since 1948 to the present, capitalistic economies have been sustained and communistic economies have been restrained by the local buildup of sophisticated weaponry and the export of military conflict between other nations with the resulting death, injury and misery occurring in non-NATO countries.

1985 - By December, the Iran-Iraq War has been in progress for over 5 years. The dead from both sides totals more than 130,000. There is no record of wounded. Thousands of Iranian youths have died by walking through Iraqi minefields to clear a path for the soldiers. Iraq, having to use most of its oil revenues to purchase a continuing supply of armaments, has repeatedly requested peace with the currently occupied boundaries. Iran has remained firm on its conditions for peace:

- a) Total Iraqi withdrawal from all Iranian territory;**
- b) Hundreds of billions of dollars in war reparations;**
- c) Replacement of Iraqi President Saddam Hussein and the Baathist regime with a fundamentalist Islamic government.**

Iran also depends on its oil exports to pay for its military financing. Iraq is now attacking civilian oil tankers filling up at Iran's principal oil terminal at Kharg Island and the

terminal itself. The resulting oil-fouling from such activities is killing life in the Red Sea. Estimates suggest that if the present environmental degradation continues, the Red Sea will be a "Dead" sea in 10 years.

1986 - HIGHLIGHTS:

Movies : Star Trek IV: The Voyage Home; Cobra; Crime Wave; Platoon; Shelley;

Crocodile Dundee; Aliens; F/X; Top Gun; Gothic; Heartbreak Ridge; Pirates;

Stand By Me; Sword of Gideon; The Money Pit; Tough Guys; Little Spies;

Clockwise; Murphy's Law; Riders of the Storm; Big Trouble in Little China;

Running Scared; The Best of Times; Duet for One; About Last Night;

General News :

Consumer Price Index: 328.4

San Francisco earthquake of 5.3 magnitude.

An underground FEDERATION base is established near Fort Stockton in western Texas state, U.S.A.

The Soviet spacestation MIR is launched with a closed life-support system. In North America there are 100 million tons of radioactive mine tailings.

1986 - By now, Chlamydial Genital & Neonatal Infections are Epidemic in North America. Their result is an increasing and high level of heart disease, increasing prevalence of arthritic and fibrositic symptoms, increasing weight control difficulties, increasing prostatitis and prostate cancer, increasing frequency of bowel sluggishness and bowel cancer, increasing frequency of male and female infertility, increasing frequency of headaches, increasing prevalence of lymph congestion. While chlamydial infestions are not always the primary influence for these ailments they are epidemic and they are at least contributory in 205 of all cases and primary in as many as 40% of the remainder. Instead of looking at the evidence of tissue damage and attempting to discover what is causing it, medical researchers continue to look for ways to ameliorate the symptoms by rationalizing that various factors are resulting in a change of digestive balance, or, that drug coerced activity of certain tissues and organs confirms the problem to be related to the common concept of aging. Realization of the basic underlying influence would not be widely accepted until after 1996.

In the interim, a list of factors which appear to alleviate the symptoms and a list of factors which appear to aggravate the symptoms builds in an attempt to rationalize that a change

of dietary and emotional lifestyle have both caused the diseases and can lead to their prevention. Even when the fallacies of such a model are discovered, they are ignored.

Factors considered to be aggravants contributing to the development of the above noted chronic, and eventually fatal, diseases include the following:

- salt > increases blood pressure**
- talking, shouting > increases blood pressure**
- anxiety > increases blood pressure**
- frustration > increases blood pressure**
- anger > increases blood pressure**
- fear > increases blood pressure**
- tobacco > increases blood pressure**
- sodium > increases blood pressure**
- high LDL cholesterol > increases blood pressure**
- sugar > increases heart demand**
- high protein > increases heart demand**
- chlorination > increases tissue & cell damage**
- herpes, viruses > increases tissue & cell damage**

Many of the above factors increase an individual's blood pressure by constricting the size of the blood vessels. In itself, this makes the heart work harder. High LDL cholesterol levels are normal responses of the human body to tissue injury: cuts; scrapes; muscle and tendon tears; viral, bacterial, and parasite infestations. Instead of trying to lower the level of protection which the body seems to feel it requires, why not find why the protection is being sought? Because chlorination and viral infections tend to increase the potential for heart disease development, it would appear obvious that the defenses mounted by the body to counter their cellular destruction may be inadvertently overcompensating, or, not proving to be effective in their task. High sugar and/or high protein content in a diet result in concentrated activity being required by the digestive and metabolic balancing organs which acquire their energy from the heart. If they are pressured to work more intently or for longer durations, more than average requirements are necessary from the heart. Thus, the above lifestyle indicators demonstrate that by adding additional energy challenges to

the heart workload, a chronic and potentially fatal disease may develop. For over 20 years, the medical industry would seek to lower symptoms rather than to eradicate the irritant which lowered the capacity of the heart and other organs to fulfill their normal healthy operations.

Factors considered to be beneficial in reducing the symptoms of the above noted diseases include the following:

- hawthorne extract > strengthens heart**
- vitamin C > anti-bacterial**
- vitamin E, fish oils > reduces LDL cholesterol**
- evening primrose oil > lymph cleaning**
- aspirin / lemon juice > anti-bacterial**
- calcium > promotes healing**
- low protein > lowers heart strain**
- listening > lowers blood pressure**
- relaxation training > lowers blood pressure**
- meditation > lowers blood pressure**
- snacking > lowers heart strain**
- potassium > strengthens heart**
- chromium > lowers heart strain**
- selenium > promotes healing**
- exercise > lowers blood pressure**
- licorice tea > encourages peristalsis**
- high fiber diet > encourages elimination**
- alcohol > anti-bacterial**

Of the above factors, note that a number of activities which promote self-control and

balanced emotional intensity lower the blood pressure by relaxing the walls of the blood vessels and providing less restriction for the circulation of blood. A number of factors are also noted for their anti-bacterial, lymph cleaning, or their healing benefits. Unless harmful bacteria were present and cellular and tissue damage were in progress, why would such products prove beneficial. The necessity for assisted elimination and peristaltic action is more likely to be that of obstruction rather than aging as chronic difficulties requiring such assistance have been noted in individuals as young as 25 years old. Finally, several factors assist in reducing heart strain by reducing heavy digestive requirements and balancing assimilation of nutrient loadings. Unless the heart was already somewhat distracted in its efforts by disadvantageous factors, why should it require special concessions? The "load" might be plaque, calcium and cholesterol buildup in blood and lymph vessels and in muscles. But then why are these "healing" elements being overconsumed in a manner which indicates that they are unable to cope with the ongoing destruction?

1986 - By the beginning of this year, William (Bill) S. English had been working in Blackstone, Virginia, and had been contacted by his mother who had bought a pig farm in error, believing that she was bidding \$20 at an auction - when the bid had actually been \$20,000. She wanted Bill to help her and his stepfather get it operational. After pestering him for 3 months, he agreed after she said she was going to have to go into hospital for surgery. After 6 months of shovelling manure, Bill sought a job at the local radio station in Brookneal, Virginia. There he met his third wife, Valerie. Shortly after their marriage, Bill began working for the WLVA radio station in Lynchburg, Virginia. He would win several awards for his production work and his nightly talk show.

Later in this year, John Lear, a UFO investigator, speaker and writer, would contact Bill by leaving messages with Bill's mother and stepfather. Bill first contacted Wendelle Stevens, who at this point did not know if English was still alive, and found out that his story about the Grudge/Blue Book #13 document had been highlighted in a book by Bill Steinman and Stevens, UFO Crash at Aztec . After reading the book, English contacted Lear.

Shortly later, John Lear interviewed English, and, shortly after that the radio station where English worked, WLVA, began to experience severe financial difficulties to the point where much of the staff was laid off, including Bill. With his wife, Bill English moved to Alamogordo, New Mexico where he would later found UFINET, UFO News and Information Service, with Dick Shefler.

1986 - In January, hundreds of migrating birds fall out of the sky over Mexico City. Autopsies reveal that their blood contained high levels of lead and cadmium, components of the smog which covers the city continually and provides increasing chronic health problems to the population. In 1940, the city had a population of 2 million humans. In 1990, it would have a population of more than 20 million people. Every day 3 million cars and 39,000 factories spew 45 million TONS of contaminants into the air. Pollution would reach such high densities in January, 1989, that the government would close the schools for

a MONTH. That same year, a UN Environmental Program report would state that the ground-level ozone levels in Mexico City exceeded World Health Organization (WHO) standards by 60%. Respiratory and intestinal infections are the primary killers of the children in Mexico City. One out of every 100 children born has some form of mental retardation, according to Antonio Velasquez Arellano, a leading geneticist. In another study done in Mexico City, 7 out of 10 newborns showed lead levels in their blood higher than WHO standards.

1986 - On January 28, the Challenger Space Shuttle (STS-25) during a launch from the Cape Canaveral, exploded 74 seconds into flight. The launch had been delayed because of cold weather and icing problems a number of times over a 2-day period. That morning the temperature at the launch pad was 36 degrees Fahrenheit. At least 2 engineers had warned earlier that there were problems with the craft and that the mission should be cancelled and the problems worked out. A political imperative to have frequent and numerous space shuttle launches in order to lower the cost per mission was used to pressure technical representatives of the contractors to hastily complete their work, or, eliminate some safety tests, or, postpone improvements for a future flight, or, be terminated from their employment. At 64+ seconds after liftoff, a plume of flame was recorded in the location of the aft field joint and within 10 seconds, the complete craft disintegrated. It was the first set of shuttle fatalities. It involved a crew which had become part of the NASA teacher-in-space promotional program. The number of fatalities, the nature of the fatalities and the size and visual representation of the blast shocked the American people. They had become proud in their long line of space successes and were not prepared to accept failure. NASA and the media had continually trivialized the dangers implicit for humans in trying to go into and stay in a space environment. A Presidential Commission was called to find out if negligence or terrorism had been involved in the accident.

The Commission would later report that the accident could have been prevented and was the result of the failure of a pressure seal that engineers had reported before the flight as being dangerous, particularly in cold weather. The contractor specifically involved was determined to have been negligent. NASA was given a new administrator in 1989. All shuttle flights were delayed until September 29, 1988. Billions of dollars of defense and aerospace contracts were riding on the resumption of the shuttle flights.

1986 - On February 09, Comet Halley is observed in accord with calculated predictions made earlier. Such predictions have had to account for the gravitational influence of other planets in the Earth's solar system, emission of materials drag, and, solar wind cosmic radiation and electromagnetic influences.

The Pioneer Venus Orbiter (NASA) which has been circling Venus since 1978, is directed to observe Comet Halley in late January, 1986. Five satellites, launched by various countries in late 1985 or early 1986 have some success in analyzing the composition of the comet. Whipple's "dirty snowball" theory of 1950 is confirmed by the rich presence of Hydrogen, Carbon, Oxygen, and Nitrogen. It is believed that water and organic materials

are part of the core of frozen gases and liquids in which dust is dispersed. The cloud of gases surrounding the nucleus is estimated at 12.5 million miles (20 million km) in diameter. The nucleus itself appears to be 15 km by 7 km in oval size.

The satellites involved in these new observations included:

VEGA-1 (USSR) 3/6/86

SUISEI (Japan) 3/7/86

SAKIGAKE (Japan) 3/8/86

VEGA-2 (USSR) 3/9/86

GIOTTO (ESA) 2/13/86 European Space Agency (ESA)

1986 - During February, George Bush releases his Public Report of the President's Task

Force On Combatting Terrorism through the USA Government Printing Office. Bush recommended: extended and flexible emergency presidential powers to combat terrorism; restrictions on congressional oversight in counter-terrorist planning; curbing press coverage of terrorist incidents. Most security professionals would support these directions as rational responses to available terrorist data and theories or operation. Remember that the CIA had circulated handbooks and manuals to terrorist groups Asia, South and Central America. Fear can become paranoia when you are the creator of the monster.

His report leads to the Anti-Terrorism Act of 1986 that grants the USA President clear-cut authority to respond to terrorism with all appropriate means including deadly force. It authorizes the Immigration and Naturalization Service to control and remove not only "alien" terrorists but "potential" terrorist aliens and those "who are likely to be supportive of terrorist activity within the U.S." The bill superseded the War Powers Act by imposing no time limit on the President's use of force in a terrorist situation, and lifted the requirement that the President consult Congress before sanctioning deadly force.

1986 - By April, the Continued Use of Lead in Pigments in North America became public. A number of paint manufacturers, including some larger companies, had continued to formulate their white-based paints with lead oxide - a substance toxic to human health. While the ingredient had been legally banned, companies had ignored the law and the government agencies had neither monitored the market nor enforced the law. A repetitive wave of dying and chronically ill children drew attention once again to the hazards of such use of the compound.

When the drama and excuses came to an end, the safe, inert, titanium dioxide again became the accepted substitute. Titanium increased the quality of the materials more than could be acknowledged at the time - for minimal cost increases. The North American

public were beginning to become ecologically concerned at this point and less in favour of short-use purchases or health endangering products. As a pigment, titanium dioxide effectively extended the longevity of a plastic appliance by preventing its colour degradation through outgassing of the plastic and by the plastic's absorption and reaction to the air pollution chemical brew hanging over most urban regions.

The high dielectric constant of titanium is now beginning to be appreciated. Dielectric constants for titanium compounds range from 13 for Magnesium titanium trioxide to 10,000 near 120 degrees celsius for Barium titanate. These properties are associated with a stable polarized state of the material similar to the magnetic condition of a permanent magnet; such substances are known as ferroelectrics. Yet an ability to retain a charged condition allows barium titanate to use this piezoelectric ability for its use as a transducer for the interconversion of sound and electrical energy. Ceramic transducers containing barium titanate compare favourably with Rochelle salt and quartz, with respect to thermal stability in the first case, and with respect to the strength of the effect and the ability to form the ceramic in various shapes, in the second consideration. The compound has been used both as a generator for ultrasonic vibrations and a sound detector. What all of this means, in brief, is that some titanium compounds can now be utilized to store electrical charges - as in electronic switching circuitry, and, that these compounds can also be fashioned into miniaturized transmitters and receivers of signals. Computers, satellites, surveillance and robotic guided missiles can now be improved in their speed, compactness, and effectiveness.

1986 - In April, the Mighty Oak underground atomic explosion test in Nevada encountered problems when 7 foot thick doors intending to seal the entrance failed to close properly. As a result nuclear fallout was vented into the air.

1986 - In April, swarms of Red Locusts were reported in Kenya for the first time since 1937. The Brown Locust was also threatening some 300,000 square kilometres of South Africa alone and swarms of the African Migratory Locust would soon penetrate as far as Capetown for the first time in more than 40 years.

Locusts swarm in dense, dark, clouds that darken the sky and strip bare anything edible. A swarm can cover 52 square kilometres (20 square miles) and destroy an entire harvest in a few days. Tanzania, Malawi, Ethiopia, Botswana, Zambia and Mozambique are also threatened by the insects.

1986 - Paul E. Tyler's article "The Electromagnetic Spectrum in Low-Intensity Conflict", is published in *Low-Intensity Conflict and Modern Technology*, edited by Lt. Col. David J. Dean, U.S.A.F. Centre for Aerospace Doctrine, Research, and Education, Maxwell Air Force Base, Ala. : Low-intensity conflicts are defined as small wars that do not involve the use of nuclear weapons. This article discusses the direct use of electromagnetic fields against personnel. Using very low strength ELF magnetic fields can deliberately produce sleep or manic behaviour. Longer exposures can induce feelings of depression through manipulation of the pineal gland. Other influences may include nausea, dizziness,

headache, severe fatigue, an inability to concentrate, and difficulty with one's vision, plus major declines in resistance to diseases. It is well-established that exposure to any abnormal electromagnetic field produces a stress response. If the exposure is prolonged, the stress response system becomes exhausted, and the strength of the immune system declines below normal. Susceptibility to cancers and infectious diseases has been shown to decrease.

The U.S. Navy Office of Naval Research became very interested this year in the work of J.M.R. Delgado who had suggested the possible "Physical Control of the Mind" by electromagnetic fields in 1969, established a major laboratory for such studies at the Centro Ramon y Cajal in Madrid, Spain; reported birth defects from ELF frequency exposed embryos in 1982. Six separate laboratories were set up by the U.S. Navy, in Project Henhouse, to try and duplicate Delgado's work and findings.

1986 - April 26, at 1.23 a.m., Saturday, a 1,000 megawatt reactor in Pripyat, 21 km from CHERNOBYL (Chornobyl), Ukraine, caught fire. It was Unit 4 of the V.I. Lenin nuclear station. (*Temperature in the pile had risen earlier, leading to expansion of the graphite and subsequent self generation of heat by the graphite. To compensate, insertion of the control rods was attempted but restricted by the bowed pile which had also resulted in blockages of the coolant tubes in which the uranium pellets were. Safety systems were disabled or useless and the combination of the restricted coolant, self reacting graphite and jamming/breaking of the control rods resulted in chain reacting heat buildup.*) A loss of coolant resulted in the core overheating, setting on fire the graphite shields which, produced intense heat, melting the zirconium-clad rods of uranium oxide and the zirconium then reacted quickly with the water to release hydrogen which exploded violently in a second explosion, blowing off the concrete upper structure and the steel roof and releases 50 tons of fallout. The steel containment roof is both thin and unsealed unlike the 3 foot thick concrete of many newer models. 15 other reactors in the Soviet Union are similar in structure to this one. Older 230 models and newer 213 models lack real containments as well as emergency cooling systems.

Before the accident, the reactor's power had been reduced to 20% of its normal output in preparation for maintenance. A skeleton staff of poorly trained workers were on this least preferred shift.

Completed in 1977, it was the Ukraine's first nuclear reactor and, by 1983, three other reactors had been built nearby. The previous February, the Ukraine's minister of power and electrifications, was quoted as saying: "The odds of a meltdown are one in 10,000 years ... The environment is also securely protected." The U.S.S.R. reported little of the accident until 2 days had passed and Sweden and Finland were asking about radiation levels at their facilities which were 25 and 6 times higher than normal. Poland experienced levels 5 to 20 times higher than normal. 50 to 60 millions of curies of radioactive material were released into the atmosphere including 7 million curies of iodine 131 compared to 150,000 curies of the same element being dispersed in a typical atomic bomb atmospheric

test of 20 kilotons in the 1950's. One million curies of the long-lived cesium-137, enough for four atmospheric atomic bomb tests was released. Earlier estimates after the accident suggested quantities 3 to 10 times higher, indicating that science is still highly inaccurate in predicting the outcome of nuclear events.

Radiation was reported to have reached the water table in the area; a forbidden zone within 30-kilometre radius was established; 150 square miles of farmland were immediately taken out of service; contaminated waters were expected to run into the Black Sea from the watershed; cars, houses, trees, museum artifacts, animals, crops: all are to be buried; 3,200 of 600,000 persons involved in the cleanup were dead by 1991; 40% of the children born to relief workers have birth defects; the birthrate in the area declined by 30% by 1991; it's illegal to own a geiger counter in the Ukraine since; 5,000 Estonians were forced into service in the cleanup; there was an estimated 10,000 dead by 1991; the push for Ukrainian independence from the U.S.S.R. grew from the disaster.

By 1991, a Minsk clinic would be treating 55 children for leukemia, double the number before the accident. Approximately 14 million people in the central Ukraine, eastern Byelorussia, and the southwestern corner of Russia will receive doses of .5 to 10 rem. Many cases of leukemia, stillborn and mutations were happening with cattle. In general, people living in the region have chronic coughs and colds, awful headaches, fatigue, loss of appetite and flu or minor surgery takes 3 times as long as normal to recover from. There is 25 to 30 percent more illness than in cleaner areas. Some students could no longer concentrate; some fainted in class; others had frequent nosebleeds and blurred vision. One boy broke his arm by throwing a ball. Tonsillitis and thyroid problems became common. In "permanent contamination" areas, a stroll in the woods is not allowed, swimming and fishing in the river are banned, and playing at the beach is not recommended.

By 1992, the Cancer Centre in Minsk was treating 500 lung cancer cases per year relative to 130 annually before 1986. Before 1986, 1 child a year might be treated for thoracic cancer. In 1992, there were 60 cases. 25% of Byelorussia is designated contaminated. Children who had been sent abroad for recuperation in cleaner air and with clean food for at least 8 weeks were found to become sick 10 times less than those who were not able to go.

With hundreds of commercial nuclear power reactor, tens of thousands of nuclear weapons, and dozens of nuclear weapons production sites, plus tens of thousands of barrels of nuclear waste, the possibility for further mishaps and considerable destructive biological effects upon humanity worldwide are quite real.

1986 - In stating a perspective on the Arab culture, Jim Graff, chairman of the Middle East Group at the University of Toronto, Ontario, Canada, stated:

"We are talking about a people (150 million) who suffered from being colonized, really suffered, and in their view the Americans are now continuing that same type of

colonization.

It's obvious to the Arab man in the street that the Americans still exert control, directly or indirectly, over their oil resources and that the Americans want to be able to position their own or surrogate troops in the area to their advantage, just as the Turks, the French, Italians and British did.

Now there will be more support for (Libyan leader Moammar) Khadafy because he at least stood up to the Americans. There'll be a lot of support for him simply because his daughter was killed and two of his sons injured (in a recent American attack on their Libyan home).

Arabs take the family and family connections very seriously, much more than we (North Americans) do. The extended family is still an important social institution (for them). ...

There is the perception by them of Westerners being morally corrupt. We are regarded as not being sufficiently religious, as being promiscuous and too materialistic. These are moral deficits to them. Unfortunately all people think stereotypical and this is the way the Arab people think of us stereotypically.

1986 - During May, an American Delta Rocket carrying a weather satellite, fails during launch. In 1987, 4 more satellite launches will end in failure.

1986 - On May 15, Oliver North, a USA Marine lieutenant-colonel who arranged covert arms sales to Iran, wrote in his diary-notebook:

"Cunningham running guns to Baghdad for CIA, then weapons to Teheran. Second running guns to Iran."

The American Executive Office and CIA were actively promoting the sale of armaments to both of the major participants in a war which had already cost hundreds of thousands of lives. Robert McFarlane, President Ronald Reagan's national security adviser, and North, while in Iran were encouraged to secure the release of militant Shiite prisoners held in Kuwait. Their freedom had been the request of those who were holding Americans prisoners in Beirut, Lebanon. North, speaking with Executive Office authority, agreed with the Iranians, explaining later that "there is a need for a non-hostile regime in (Iraq)." He had also assured the Iranians that "we can bring our influence to bear with certain friendly Arab nations" to get rid of Saddam Hussein.

North then met the Kuwaiti foreign minister and later told the Iranians that the Shiite prisoners in Kuwait would be released if Iran dropped its support for groups hostile to the Kuwaiti emir. It could only have appeared to Saddam Hussein that when Iraq was weak, the USA would intrigue against him; when it was strong, they would ply him with favours in order to get his "armaments" business. A lesson for the future would have seemed to be: If you want USA respect and support, show maximum force and bravado.

1986 - By June, Dr. June Parnell, in a doctoral thesis at the University of Wyoming, reported on the characteristics of 225 subjects who claimed to have experienced highly unusual sightings and/or to have been in communication with UFO occupants. They were judged to be of above average intelligence, assertive, experimental in their thinking, reserved, defensive, self-sufficient, resourceful, honest, and, most significant, devoid of mental disorders so far as were tested for. They often had good jobs, families, respect in the community. In addition, some stated that they heard voices inside their heads instructing them. Many such apparent incidents go no farther than a visit to a doctor's office to try and find an explanation for strange dreams, sudden appearance of small incisions or puncture marks on their body, or a peculiar loss of time. Most have no proof of such an experience in the form of witnesses or physical evidence and most accounts arise from lengthy hypnotic regression therapy lasting months or years.

1986 - During the year, US Navy Commander James J. Tritten observed in his Soviet Naval Forces and Nuclear Warfare :

"Soviet Navy strategic nuclear forces are not designed for senseless punishment of an aggressor but have been clearly designed as part of an overall system that will try to prevent the U.S. from using its forces successfully. Soviet forces are more usable for peacetime coercion because the West would know that its own threat to use nuclear weapons lacked the same credibility."

1986 - Nosocomial Infections, an article by Tony DeCrosta , appeared in the September/October issue of Nursing Life . In part, it mentions the following:

"As these true stories show, nosocomial (sfter the Greek work for hospital) infections are a serious and far-reaching problem. Of the 40 million people who enter hospitals each year, 5 percent to 10 percent acquire infections there. They're the victims of virulent bacteria, viruses, and fungi that prey on their immune systems, weakened from disease or therapy. And over 300,000 of them die: Many experts say nosocomial infections are the 10th leading cause of death in this (USA) country .

And even when they don't kill patients, nosocomial infections cost them time and money. According to the latest figures, the toll comes to an average of 4 extra days for an infected patient's stay and at least \$800 added on to his bill. ...

'Because of DRGs (Diagnosis-Related Groups), we're seeing patients discharged earlier who are then readmitted with hospital-acquired infections,' says Sandra Landry, epidemiology administrative coordinator at the University of Virginia Medical Cemter, Charlottesville (North Carolina).

To recoup their added expenses for such patients, some hospitals routinely reclassify the patients to cover their revised diagnoses (fraud). But not all the costs can be covered so simply: Last year, for example, nosocomial infections added about \$2,000 per infected patient to hospitals' operating costs; almost none of this cost is recoverable from Medicare.

...

Hospital-acquired infections can cost your patients and your hospital dearly. Each year in the United States, over 2 million patients develop infections during hospital stays, hiking hospital charges about 15% - \$2 billion - a year.

Some scientists say that every patient is a potential victim: According to a recent estimate, one third of all infections in hospitalized patients (including half of those that patients with leukemia contact) develop as a result of their hospital stay. ...

And the incidence of nosocomial infections has been rising steadily since the early 1950s (and the introduction of antibiotics). ...

Many of these infections stem from varieties of Streptococcus and Staphylococcus bacteria that are developing resistance to antibiotics. But the biggest killer is gram-negative bacteria. 'About 80,000 patients get nosocomial infections caused by gram-negative bacteria,' says nurse epidemiologist Sue Crow. 'This increases the morbidity and mortality of these patients.'

'Fifteen years ago, nurses and doctors were more concerned with hand washing for controlling infection because there weren't as many antibiotics. Today, the emphasis is on giving antibiotics, not hand washing,' Sue Crow says.

The prime example of an antibiotic with diminished effectiveness because of bacterial resistance, of course, is the former 'wonder drug,' penicillin. At first, it readily controlled many infectious bacteria; but now it's effective against only 10 percent of Staphylococcus bacteria - and only when it's given in large doses. So to combat infectious microorganisms' mounting virulence, more than a hundred potent antibiotics have been developed in recent years. 'But it's a catch-up game,' says Harold Neu, PhD, chief of the infectious diseases department at Columbia Presbyterian Medical Center in New York. 'The bacteria seem to develop resistance to the new drugs almost as fast as the Food and Drug Administration approves them.' ...

Most of the bacteria that take up residence in hospital patients are already resistant to the antibiotics currently in use at those hospitals. And transferring infected patients to other hospitals or to nursing homes ... only spreads the problem around.

Researchers are especially concerned that antibiotic-resistant streptococcal infections acquired in hospitals may be much more life threatening than the same infections acquired in the community. ...

Searching for ways to economize, many hospitals have cut staff, especially infection-control personnel. ...

Even more worrisome, some hospitals are so financially pressed that they're reusing

disposables - items labelled for one-time use. The items run the gamut from syringes and cardiac catheters to hemodialysis equipment. How common is this practice? Nobody knows for sure, but some experts believe disposables are commonly reused. ...

About 1.5 million nosocomial infections occur in nursing homes each year, according to the Centers for Disease Control (CDC). ... According to a recent study of 12 nursing homes in North Carolina, none of the ICPs (Infection Control Practitioners) there had attended an infection-control education course."

1986 - By September, the civil war and famine in the Sudan had resulted in 2 million starving persons including 500,000 displaced persons in the southern Sudan. The drought had begun 17 years earlier, in 1969; the war had begun in 1983. In Geneva, Red Cross spokesman Serge Caccia said that a combination of war, drought, famine and a locust invasion threatens to create a crisis of huge proportions.

In recent months, thousands of southern Sudanese have fled to the north and to other countries in search of food and safety. In late August, the SPLA rebels shelled Wau, a city of 50,000 civilians, in further attacks against the government troops. Warned by a rebel broadcast to leave the town before the attack, most of the poor have no access to such electronic warnings. The attack resulted in 117 government troops killed and thousands of civilians. It is curious how some humans cause so much devastation to the group which they declare they are trying to assist.

1986 - James L. Lundy, writing his Lead, Follow, or Get Out of the Way , following 30 years of successful experience and activity in the engineering and administration areas of large American multi-national corporations encourages would-be executives to choose "Participative Leadership" over that of the status quo of Authoritarian Management:

"Everyone wants to change humanity, but nobody wants to change himself. ...

The Subordinates' Lament ... We the uninformed, working for the inaccessible, are doing the impossible for the ungrateful! ...

It's a matter of style.

Authoritarian managers are task-oriented and prone to rely on their position of authority when directing their subordinates. ... In the extreme, these managers expect subordinates to follow orders without ever challenging them or questioning the command.

By contrast, participative leaders create an open atmosphere. They solicit input from subordinates at the very beginning of the decisionmaking process. ... want the benefit of subordinates' thoughts before making a decision. ...

Unfortunately, when we have problems communicating or interacting, we tend to blame the environment or someone else - but not ourselves. ...

How something is said may actually be more important than what is said!

... it takes incredibly little additional time and effort to allow others to contribute their thoughts on pending decisions, to encourage involvement, to ask for commitments instead of demanding them, to be constructive and supportive when seeking improvement, and to be able to disagree without being disagreeable - and thus to capitalize on the creative ideas and support of all those who can contribute to making good things happen.

What it does take to improve the way one interacts is the appropriate attitude towards others. An understanding of the desires and needs, when coupled with nominal investments of time and effort in the short run, will yield wonderful long-term returns.

Leadership is not a function of titles; it is a function of relationships.

... constantly sought out for even small decisions. How comforting it was for him to be needed so obviously - and to have so many opportunities to demonstrate his decisiveness. And how confusing and frustrating it was for his subordinates to try to perform effectively in the information vacuum!

... The challenges faced by an employee who doesn't understand the authority and responsibilities of his or her job are horrendous. How can you, the employee, perform effectively if you don't understand clearly what you are supposed to do? ...

To the extent that negative information is withheld, all information becomes suspect, which jeopardizes management's credibility. People can handle bad news better when they know and understand its true dimensions. ...

Those who best understand the total situation are in the best position to succeed.

... Don't be afraid to ask dumb questions.

They're easier to handle than dumb mistakes!

... Participative leaders need not be any less concerned than authoritarian managers with purpose, performance, productivity, progress and results - but their approach is entirely different. They seek the input of others before making decisions. They guide others in implementing. They discuss performance objectively and unemotionally and coach for improvements as needed. They inspire associates to reach for high levels of achievement and encourage their efforts to succeed, and they praise good performance appropriately.

Good participative leaders learn how to ask a lot of questions - not to intimidate, but to learn. They listen, and they are cautious about winning points at the risk of losing relationships. And they constantly strive to seek understanding .

Where do you currently consider yourself to be along the spectrum? And where would you

like to be?

The Choice is Yours!"

One of the companies that Lundy worked for was Xerox Corporation. Either his message for them was too late or they chose not to listen. Earlier in the 1980s, Xerox had been in the enviable position of employing most of those who would found the future microcomputer industry major corporate leaders. The managers at Xerox could not understand the coming electronic wave of products and possibilities and let these individuals fall away from their development department to form their own companies. Xerox could have been the largest multinational company in the computer industry by 1996; instead it would be a minor participant with little influence. It had a choice; it made its choice; it effectively failed - to listen.

1986 - In September, Robert J. Rennie, for the Air Force Institute of Technology, Wright-Patterson AFB, OH., School of Systems and Logistics, wrote a Master's Thesis entitled Handling Cytotoxic Drugs . In the report, he noted:

"Cytotoxic drugs which are used throughout the health care system to treat cancer, have not been classified in a manner that requires special Department of Transportation labelling even though there is clinical evidence that the drugs are potentially dangerous to humans if the drug material (liquid, powder) accidentally touches the skin, is inhaled, or is ingested. ... findings indicate that medical supply officer's whose facility handles cytotoxic drugs failed to demonstrate a basic knowledge about cytotoxic drugs, particularly in key areas such as environmental protection, spill response, and internal control of drugs. Those officer's whose facility did not handle cytotoxic drugs demonstrated a level of knowledge equal to the control group. This is significant because during CT 1985, an educational effort had been undertaken by the Air Force Office of Medical Support to inform all supply officers about cytotoxic drugs. The Department of Labour, Office of Occupational Safety and Health in January, 1986, issued a comprehensive guideline for handling cytotoxic drugs ... "

Why is the US military stockpiling and handling cytotoxic drugs? Chemical warfare? After a major training effort, the awareness level was nil - encouraging an accidental environmental alert ("event", disaster). Most military systems encourage the development of personnel who are patterned to routine and order-fulfillment. The larger any authority system, the larger the potential bureaucracy. And these people are handling nuclear weapons, biological warfare agents, and death-ray lasers!

1986 - In October, San Salvador, El Salvador receives an earthquake of 5.2 force resulting in 400 casualties occurring in the busy city during the day.

1986 - During the year, a USA Immigration and Naturalization Service (INS) document entitled Alien Terrorists and Other Undesirables: A Contingency Plan , outlines the

potential arrest and mass detainment in concentration camps of USA residents who are citizens of "terrorist" countries, chiefly in the Middle East. Similar to an FEMA nationwide readiness exercise code-named REX-84 ALPHA earlier intended for 1984, one of the 10 military bases specified to be a REX-84 detainment camp, Camp Krome, Florida, is designated a joint FEMA-Interrogation center and Immigration Service.

1986 - In October, the NSDD-145 Steering Group issued a memorandum that defined sensitive information, as apart from formally classified, and gave federal agencies broad new powers to keep it from the public. This new category includes all medical records on government databases and all information on corporate and individual taxpayers in the Internal Revenue Service's computers. Even agricultural statistics may be classified as sensitive.

The Defense Department invoked the NSDD-145 guidelines to tell the information industry that it intended to restrict the sale of data that were then unclassified and publicly available from privately owned computer systems. MEAD DATA CENTRAL, with some of North America's largest online databases, such as Lexis and Nexis, and with nearly 200,000 users - were approached by a team from the USAF and officials from the CIA and the FBI who asked for the names of subscribers and inquired what Mead officials might do if information restrictions were imposed. In response, and to avoid such control, MEAD purged all unclassified government-supplied technical data from its system and completely dropped the National Technical Information System (NTIS). The result was the same: once public information became unavailable.

1986 - By November, the Soviet Nuclear Weapons Production Program peaks at 45,000 bombs, warheads, mines, artillery rounds and backpack commando devices. These were produced in postal number secret cities such as Tomsk-7, Arzamas-16, Cheyabinsk-70, known only by their postal addresses. Many were built with slave labour and manned by political prisoners: " special contingents ".

1986 - The USA Tax Reform Act is passed by Congress. It simplifies the tax code, eliminates some deductions and modifies banking regulations. It is considered the most significant change in 50 years to the tax structure. Provisions include these:

- 1. The top corporate tax rate is decreased, 46% to 34%;**
- 2. The top individual tax rate is reduced, 50% to 28%;**
- 3. Reduced the annual limit on individual pension contributions;**
- 4. Authorized the wider sale of mortgage-backed securities;**
- 5. Prohibited the use of cash-basis accounting in banks by 1990;**
- 6. Machinery and equipment had to be depreciated over a longer period;**

- 7. Restricted the use of the instalment method for sales;**
- 8. Phased out over 5 years the deductibility of consumer interest;**
- 9. Disallowed the tax deduction of loan loss reserves in some banks.**

These factors encouraged increased bank deposit levels, decreased credit financing, decreased extended payment of taxes, and increased capitalization through the use of property values. This would reduce the rate of depositor run - where depositors withdraw their monies for investments or material acquisitions - which would reduce the rate of bank asset loss. Bank asset loss is critical in maintain reserve levels and profits. The greatest profit can be realized to a bank if it can maintain a low safe level of reserves and invest in high rate of return products. These goals tend to be in opposition. Government securities, gold bullion, International gold certificates, prime bank debentures and depositor cash are rated as low risk and require the lowest reserve levels. Various forms of lending have increased risk rates and require increased reserves - affording less capital available for profits from loans. Depositor cash levels can thus be important.

1986 - During the year, The Group of Seven, or G7 was formed. Consisting of the finance ministers of the 7 most capitalized industrial democracies, the group met to coordinate economic and monetary policy. The participants include Japan, West Germany, France, Britain, Italy, Canada, and the USA. Their meeting confirms these among other factors:

- a) International banking will fail unless strengthened;**
- b) If banking fails, all currencies will become useless;**
- c) For political and economic stability, safeguards must be adopted;**
- d) The capacity of the world economic system to continue sustaining capitalistic growth is dropping rapidly as deficits increase;**
- e) If capitalistic growth cannot be sustained, profits will diminish;**
- f) If profits diminish, job loss will increase & companies will fragment.**

1986 - During the year, the U.S.A. Voyager 2 space probe passes close to Uranus sending back photos to the Earth. Five larger moons and seven rings were known; now, 10 more moons were discovered and 2 additional rings.

1986 - The USA Money Laundering Control Act was passed. It extended the requirements on bankers outlined in the Bank Secrecy Act (1970) which required the reporting of cash deposits of \$10,000 or more, to now include the reporting of some cash transactions under \$10,000 in certain states . It was obviously believed that the money laundering industry

had become so active and desperate that individuals and business would go to the difficulty of severely fragmenting their capital transfers in order to elude government scrutiny and taxation. Also in the interim, it had become recognized that an increasing number of persons were attempting to conserve their earnings or profits by the use of offshore trusts and offshore bank accounts. Both legitimate tax sheltering and illegal tax evasion was increasing. The end result was that the American banking cash depository was continuing to bleed away. More than an act to serve justice, this was one of many actions taken in attempts to strengthen an ailing banking system.

1986 - By mid-December, a Yankee Class Soviet Submarine sank in the Western Atlantic. These submarines looked similar to the American Polaris type and carried 16 nuclear armed ballistic missiles. This sub was never recovered.

1987 - HIGHLIGHTS:

Movies : No Way Out; Covert Action; Wish You Were Here; Gaby: A True Story; Predator; Dirty Dancing; Fatal Attraction; Hoover vs The Kennedys; Mandela; Stakeout; The Untouchables; Big Bad Mama II; Ironweed; Meatballs III;

Real Men; Fatal Beauty; Who Framed Roger Rabbit; Empire of the Sun; Control;

The Living Daylights; Wings of Desire; Black Widow; Ground Zero; No Way Out;

Hanoi Hilton; Extreme Prejudice; Jane and the Lost City; Assassination;

The Brave Little Toaster; 84 Charing Cross Road; Shy People; Spaceballs;

A Winter Tan; Strange Voices; In the Shadow of the Wind; Hollywood Shuffle;

Caribe; Testimony; Back to the Beach; Death Wish 4: The Crackdown; Control

General News :

Consumer Price Index: 340.4

Underground FEDERATION bases are established in northwest Texas, Tulsa, Oklahoma, and the Chocolate Mountains, California.

1987 - By this year, SCAMS (Spirit Compromising Attitude Management Schemes) have become big business. Individuals involved in the promotion of SCAMS are like a fungus growing on the human spirit. They have the spirit-deadening influence that a ton each of cyanide, PCB's, dioxins and phenols would have on the human body if dumped into a small municipal water supply - it only takes a drop of exposure to leave a lasting and destructive influence.

Perpetrators of SCAMS are usually spiritually-deadened intellectualizers. Emotionally immature, they seek for constant self-gratification and social conquest. Hollowed of their spiritual expression and appreciation by materially-centred parents, role-models, authorities, and society in general, they only require an experience of traumatic proportion to complete their formation into their self-obsessed role. Such a trauma may be the abandonment by, rejection by, or death of a parent or significant identity. The emotional deprivation, insecurity and grieving which follows often is not resolved constructively leaving the individual blocked in their emotional growth. While inherited energy blocks may predispose individuals to this experience, it cannot develop in a loving, supportive community in which mistakes and errors are perceived as opportunities for learning and in which self-worth and identity are judged according to one's consideration for others and one's constructive contribution regardless of size. With emotional growth deadened and material functionality portrayed as the means to material wealth - considered a practical indicator of success, the individual is prompted to obsess on strategy, tactics, manipulation, deception, calculation - rationality.

Addiction is an indicator of their behaviour. While substance abuse may be added to their method of activity, their major behavioural pattern is spiritual abuse - lies for their personal spiritual gain at the expense of the hopes, dreams, and plans of others. Most often, SCAM artists steal from the poor and waste the monies on themselves, with pride. They begin their work by presenting themselves as having qualifications, contacts, or opportunities which they do not have. In reality, they portray the role of an individual for whom they have little respect and whom they have no intention of becoming. In return, they reward themselves for how well they are able to deceive others into believing that they are caring, generous, god-fearing, law-abiding professionals. To the degree to which they are successful, they gush pride and self-flattery over themselves to the point of ecstasy. When discovered, they can appear remorseful or indignant. Either way, they longer-term behaviour will confirm their lack of responsibility, their lack of dependability, and, their lack of trustworthiness. Little to their talk and you will always be manipulated. Evaluate their longer-term actions and you will discover their true identity. Do they really know the persons they speak of? Can you independently confirm the success of their program, their referrals, their statistics? How long have you known them? Have they ever sacrificed time and/or resources for your benefit without your having asked and without any context of payback? Do they routinely speak with compassion about the poor and disadvantaged and abused, or with sympathy or derision or false concern? Are their behaviours truly indicative of an honest person, or just an ambitious one? Addicts who SCAM come in all genders, ages, races, health - but none of them will appear ignorant, slow-witted, or boring.

What drives this individual? To the extent that this individual has felt, and enlarged upon with obsessive fantasizing, the painful destructive emotions of rejection, abandonment, humiliation, toxic shame, and betrayal - so also will this individual take delight in the sophisticated, and often sanctioned acts of reprisal against all of humanity - from which acceptance is sought. This individual, who may have been plied with material benefits in exchange for emotional attention and consideration, will, like the rage-filled person, never

hurt enough people deeply enough to satisfy the deep well of emotional loneliness which has replaced the spirit. They are the product of a destructive society turned back upon itself like a cancer: a replicant, moulded without spirit, providing a facade of appropriate emotion and rationalization

convincing enough to persuade the real persons who become victims that he or she is a real person. Their achievement will be to gain your trust where they have not earned it.

The victim is also part of this equation for without persons who want to believe the proposal presented as SCAMS, they could not be successful. SCAMS fundamentally offer the victim the potential to turn a small investment of capital and/or energy into a profit, gift, or winning of much greater size. In a capital-based economy with a capital growth ethic, the average individual often becomes imbued with the perspective that without a special circumstance it is impossible to improve one's lifestyle to a higher level of material appreciation than they already have. This is particularly true of those individuals who by virtue of their religious beliefs try to avoid participation in obvious exploitation of others through the manufacture or sale of useless or substandard goods for high prices. In a much reduced manner, they may rationally choose involvement in a SCAM because they justify it as a means to gain the capital with which to do good works.

Other participants will have developed a much more cynical, though perhaps realistic, indictment of their economic and government system and believe, based on gossip and experience - that those persons who seem to "get ahead" do so by cheating or manipulating "the system." A SCAM often suggests that the victim can legally cheat or manipulate this system which is obviously repressive of the hard-working and well-intentioned person.

The first error in the choice of participation is to believe that because the majority of the society appear to be following a path, regardless of its inappropriateness and basic lack of spiritual benefit, that you must do so also: "When in Rome, do as the Romans do." It is this rationale which has justified the torture, imprisonment, enslavement, and execution of millions of fellow humans. When Rome is full of evil, pray and meditate for direction. You may be guided to leave "Rome". You may be guided to stay and work at risk to life and liberty for improvements in the cultural norm. You may be guided to work for improvement for a time and then leave, or, the reverse. The options are many, the solution is individual.

The participation of each of these individuals rests upon trust, and, that is the second error in the choice. Increasingly with the development of non-band societies, humans have been encouraged to give their trust to human authorities, who, increasingly have done less and less to earn it. In the tribe, a leader emerged because they demonstrated that they were capable of self-sacrifice and empathy. Too soon, the individual worth of the leadership individual was transferred, by spurious rationalisation, to the kin and clan of the leader. This process sometimes worked well through expectation, assumption, and maturity. At other times, devastation grew from immaturity, illness of spirit or the jealousy of the

deprived. Nations developed and with them the positives and negatives of leadership by authority grew in their influence relative to the power available. Industrialization removed the individual from the potential self-sufficiency and possible enslavement of the agricultural native to the full enslavement of the wage and salary worker. Now expectations of control over one's economic present and future were surrendered to managers and owners who had no basis for a guarantee of reliability beyond that of expectation. Still, those "authorities" who failed were quickly forgotten by the masses who were constantly motivated by real and fictional stories of a few managers and leaders who were successful. Industrialization and urbanization progressed; teenagers and youth were given rights and freedoms for which they had done nothing to earn. And so humans became trained to give trust to politicians, religious leaders, military commanders, teachers, police, corporations, scientists, doctors - who increasingly acquired their title on the honorary basis of having complied with theoretical achievements, which were referred to as "work" and deemed equal to earned real-life practical achievements because of the personal sacrifice (bribe) of time, effort and monies given to the institutions concerned. A fundamental influence which allows SCAMS to prosper now is the fact that the majority of the population has learned to transfer their trust to others who appear to have earned it. Appearances can be deceiving.

The mass media are also a part of the equation which enables SCAMS to be perpetrated on the public for without their silence there would not be the excuse of ignorance often evident in the victims. Such lack of public awareness encourages each individual to believe that, because of the evident size of the SCAM (many involve thousands and tens of thousands of victims) and the lack of public criticism of same, the SCAM in question must be legitimate. If it were not, wouldn't the newspaper or television network broadcast the details and a warning to the customers they serve? In most of these opportunities, the answer is no. Approach almost any mass media representative in North America with the details of a SCAM and request them to alert the public and nothing will be done. Sensationalism is sought, not truth, not justice, not reality.

Mass media editors and producers will often have a list of excuses why they aren't interested in the truth. You will be told that unless the perpetrator of the SCAM has been arrested, charged, tried, found guilty and sentenced - there is no story. By that time, tens of thousands of people may be needlessly victimized. And perhaps 1% of those persons operating SCAMS are ever caught, tried and sentenced. Others will tell you that unless you bring forward numerous persons who have demonstrated that they were stupid enough, greedy enough or naive enough to be involved, and, provide copies of documents to substantiate this humiliation, and, forfeit any civil case they may be contemplating before the documents are used in a trial - there isn't a story: it won't sell - there aren't names to dramatize and faces to capitalize on. And the perpetrators are confident that their targets are not that humble and welcoming of public derision. Still others will tell you that you don't have evidence that this SCAM reaches very far - perhaps only a few people have been victimized. Few people who have been victimized in a SCAM are familiar with numerous other participants. If they were, how would they have made the same mistakes? Yet the perpetrators of the SCAM may willingly provide an interested party with the

details of how many "victims" they intend to defraud before closing shop and starting anew. ALL of these concerns can be avoided by the mass media simply providing an overview of how a particular SCAM works, without names and faces. If you know what it is and how it works and fundamentally why it will fail, why would you participate. And if no one participates, SCAMMERS die on the vine and no one gets victimized. But most editors and producers "know" that the public, imprinted with a continual diet of movie, television, novel and news story drama would be too bored by simple reality to read, listen or view such a mini-article, let alone learn from it.

The state is also part of the SCAM equation for without their sanction, the perpetrators of such SCAMS would find themselves in jail without consideration for parole and for long periods of time. Instead, the legislators of the North American oligarchies have debated the rights of the accused and the guilty to a point of protection from responsibility and compassion and forgiveness without remorse. These antithetical moral principles are the result of verbal battles fought in halls of power with the only goal being self-flattery, pride, and the intellectual persuasion of like-minded, and it would seem, spiritually weak individuals. Thus, simple legal solutions to the problem of mail and phone SCAMS will continue NOT to exist for at least the next ten years. SCAM perpetrators are aware of the legal restraints of jurisdictions. Thus, it is common for them to locate their offices in a state or province and only promote participation from other states or provinces. They know that a victim from out-of-state cannot lodge legal proceedings against them without the expense of a lawyer in their own state and a lawyer in the state from which the SCAM is operated. They are confident that you, as a victim, will either not have the \$10,000 to \$40,000 in funds required to carry out such a civil suit, or, that you will not wish to risk losing that much more. They are also knowledgeable of legal procedures in such situations and know that they can extend pre-charge periods by appearing to offer repayments, negotiation, and good intentions - which they have no intent of enacting. Meanwhile your legal bill continues to rise. While your activities are directed to institutional paperwork and delays from apparent administration problems or miscommunication, they continue to SCAM others. If you are rich enough and persistent enough to continue your efforts over a period of months or years and come close to criminal charges or a civil court date - they will then simply pack up and leave the state or province. Within a month, they can be in full operation from a new location, with a slightly or radically different SCAM. A simple solution would be for state and provincial governments to harmonize their laws within the federation they belong to as a nation. Even simpler would be to make it a crime to advertise or notify someone of a gift or opportunity involving the payment of monies when there is no independent public authority which holds the gift or winning sum for distribution and enforces the impartial selection of winners or participants. Principles of full and honest disclosure usually have the appearance of being followed yet there is no effective state enforcement of same. Indeed, there are examples of governments which deceive their own citizens.

As an apparent sanction of SCAMS, state, provincial and national policing forces in North America are provided with almost no funding for personnel to investigate reported SCAMS. Perhaps One SCAM per year will reach the prosecution stage, nationally.

Perhaps three will be investigated. More than 600 will be in operation, with as many as 50 or 60 originating in one province or state. One individual may set up and operate as many as 5 at one time. Meanwhile, over 160,000 individuals per year (some reports indicate millions) are swindled of money and hope. And the numbers are compounding by at least 10% annually.

As the extended name here attached to SCAMS indicates (Spirit Compromising Attitude Management Schemes), the true long-term human loss from such unrestricted activities is not simply a loss of money. Persons who have been victimized often become chronically anxious, angry, distrustful, intolerant, rigid in their thinking, resistant to change, self-deprecating, avoidant of challenge and ruthless in their judgement of persons found or suspected to be guilty of other crimes. For some, the process may take two, three, four - even five participations in different, though possibly related SCAMS - before they become infected by the spiritual weakness and infantile emotional level of the perpetrator. The, the now "infected person" acquires one or more energy blocks which may enslave them to behaviours and perceptions which devour their remaining spiritual strength. Unless they are exceptional, they will emerge from the experience(s) as passive doomsayers or active manipulators. Some will become new SCAM perpetrators - doing unto others what has been done unto them. A society filled with persons who are all SCAMMING each other is a hell-on-Earth.

There were choices - for the individual, for the media, for the state, for the culture. When those who are given the power to protect - by educating, by instruction in coping skills, by strengthening one's ability for responsibility and self-management, by providing order, by providing justice - fragment and diffuse that authority with rationalizations of avoidance and "passing the buck" and denial, the trust of those who provide the power will be lost. In human history, once political trust is lost, it is never regained. Instead it is taken by a conqueror or given to a dictator. Human leaders and authorities make poor spiritual mentors. Ask and you shall receive - but the slave doesn't know what a request is, doesn't know that a request can be made, doesn't know how to make the request, has no confidence that grace will be sent. Are you a slave?

1987 - The World Military Expenditures and Arms Transfers, 1987, reports that of the top 10 arms importing nations in the world, 5 of them are in the Middle East. Even the poorest Third World countries borrow hundreds of millions of dollars annually to buy huge supplies of weapons. As soon as the developed nations have designed a new version of a weapon, their arms salesmen find some poor country that will acquire the old version at the expense of social enhancement programs. There is now one military weapon and 4,000 pounds of explosives for EVERY man, woman and child of the human species.

1987 - During the year, cosmonaut Yuri Viktorovich sets a new public record when he returns to Earth after 326 days aboard the MIR Soviet space station.

1987 - On February 15, the San Jose Mercury states that the Pentagon has a Black Budget

which has become a "Black Hole" for SECRET Projects spending. It is far bigger than the federal budget for education or transportation or agriculture. These projects are classified above Top Secret, therefore, very few federal investigators have the security clearances necessary to audit black programs.

1987 - On February 27, President Jose Sarney of Brazil suspends all interest payments on the \$148 billion national debt. Annual interest payments on the foreign financed debt have reached \$10 billion. Brazil's economic inflation rate has been among the world's highest, reaching triple-digit figures during 5 of the past 10 years. The monthly increase in the consumer price index have and will go as high as 1,510% on an annualized basis. Within a year, rents will be up by 974%. Wage indexation laws have provided for the government's own employees to receive pay increases every month as compensation for rising prices, but when the finance ministry tried to stop that endless spiral in 1986, the Brazilian military ministers quickly blocked such reforms. The country's constitutional Congress will pass measures seeking to nationalize foreign-owned mining companies and limiting the rights of foreigners to explore for oil.

Most of the economy's troubles are a hangover from the military regime that ruled Brazil from 1964 to 1985, using overseas borrowings to finance it's country's overly ambitious and misguided expansion of some sector of agriculture and industrialization. Many of the military leaders received their military and academic training in the USA. They learned about agricultural practices which were economically productive in the temperate grasslands of North America; Brazil is a largely tropical jungle ecology. They also learned the value and power of money and how it can provide great opportunities to expand one's iniquities (envy, gluttony, greed, lust, pride, sloth, gambling, alcohol and drug use, etc.). Partly from the misguided expectations that what was suitable in North America should be suitable in Brazil, and, partly from greed, capital-intensive economic policies were instituted in an effort to replicate North American prosperity. Capital-intensive programs for a non-industrialized country, or for one which is not stealing capital from another - results in increased national debt.

The industrialization and religious myth that more people provide a stronger base for a modern economy was adopted. Already having growing urban slums in 1964, huge capital-intensive jungle clearing programs were instituted to provide new farmland. Poor families were given landholdings and a small capital grant or loan to move to these distant fields. Capital-intensive roadways were required to open up and service the new agricultural regions. Humans from industrialized societies did not understand the jungle and took no time to find out. Within 3 years of deforestation, the new lands would be sterile - unable to reforest and incapable of productive cropping. Wastelands grew in the wake of wholesale slaughtering of the jungle. Native hunting areas and legal preservations were broached by developer and settler. Natives who resisted the loss of their lands or the restrictions of their activities were shot with automatic weapons bought with foreign capital. Economically poor families moved from city slums graduated to agricultural slums. The jungle clearing continues. Birth control programs are rudimentary or non-existent. Viable programs for local manioc production to resolve malnutrition and hunger problems

have never received serious attention. And the national debt increases.

As also happened in American history, native reservation lands were sometimes found to be located over precious metal and oil resources. Using new American satellite reconnaissance systems and aircraft mapping techniques, courtesy of the CIA, the country was intensively mapped and a degree of aerial geological prospecting was completed. Much of the later data went to influential North American resource development companies capable of capital investment and/or bribes to officials. Some of the richest prospective mineralization areas were within territories preserved for the aboriginal people by treaty and it was soon discovered that taking these lands was more cost-efficient than purchasing private ownership properties. If the inhabitants died off or moved, the land was free.

Missionary candidates known to be infected with, or purposely infected with illnesses to which North Americans are resistant and to which Brazilian natives have no immunization resistance (measles, etc), were sponsored into these areas. Rather than bringing the grace of God to these largely peaceful tribes, the ministers brought deadly illnesses which typically eradicated 80% of the natives. After cursory confirmation and surveillance by cooperative or deceived and naive missionaries, private mercenaries, hired by the CIA and North American companies decimated the tribes in the contentious areas by dropping explosives on them from helicopter and light aircraft and using automatic weapons. Surveying, bribes, weapons, mercenaries: capital cost which raised national and private debt.

Brazilian officials had bought the American Dream: mortgage your soul for material gain. International bankers had also bought into the mindset of spontaneous agricultural and industrial development in an ecology where humans had existed for ten of thousands of years in balance without either: they freely advanced capital with the promotional backing of the American federal government and mass media, and the enthusiasm of Brazilian officials educated in the North American language of commerce: material exploitation, mass concentration and control of human resources, high profits. And the banks believed they had a guarantee of profit on any amount of capital advanced because it was advanced on short 3- to 5-year terms at variable market setting interest rates. They competed for who could grab the biggest chunk of the gold: national debt interest. If Brazil defaulted permanently (bankruptcy?) foreign bankers might lose \$1.5 trillion in unresolved loans in the flood of default likely to follow from 121 other developing countries which shared similar economic problems.

1987 - In March, increased USA-CIA involvement in the Philippines was mandated by President Reagan when he approved a "finding" which suggested little hope for improvement of the economy or civil rights in the Philippines under the leadership of the Marcoses. \$10 million in additional funding was provided to the CIA for the next 2 years support of the Marcos regime. It authorized the Agency to hire Filipinos to spy on each other. It included technical assistance, helping the Philippine military with intelligence gathering, providing computers, computer training, and other assistance.

Marcos assisted the decision with unsubstantiated and uninvestigated reports of secret Soviet arms shipments to the NPA, the alleged presence of Soviet advisers in NPA training camps. Civil frustration in the countryside had led to the formation of vigilante groups which declared that you were either with them or against them. The Marcos controlled mass media raised paranoia in the cities by declaring that the Communists were about to takeover at any time - whatever that would mean to the commoner. Christian fundamentalist movements like joy of the Lord Jesus , the Word of Life International , and Heaven's Magic preached fear and hatred against an unseen Communist menace. Most aggressive was the political arm of Reverend Moon's Unification Church, CAUSA International . It held conferences on National Security in Manila which mirrored the early meetings of the German Nazi Party, the American Klu Klux Klan, and the American John Birch Society. There was a rise of death squads to meet the hysteria.

1987 - Operation Majestic-12 becomes public knowledge with the release of photostats of previously classified "Above Top Secret" U.S. Government documents.

1987 - By April, Wallace S. Broecker, a geochemist at Columbia University, in speaking before the USA Environment and Public Works Committee of the US Senate stated:

"The inhabitants of planet Earth are quietly conducting a gigantic environmental experiment. So vast and so sweeping will be the impacts of this experiment that were it brought before any responsible council for approval, it would be firmly rejected as having potentially dangerous consequences. Yet the experiment goes on with no significant interference from any jurisdiction or nation. The experiment in question is the release of carbon dioxide and other so-called greenhouse gases to the atmosphere.

1987 - R.E. Kenward provides a current review of biological telemetry strategies in his

Wildlife radio tagging: equipment, field techniques and data analysis . He notes:

"Biologists use animal radio tags for two main purposes: to locate study animals in the field, and to transmit information about the physiology or behaviour of wild or captive animals. ...

Wildlife radio tags were first used for telemetry. One of the earliest projects, inspired by the use of physiological telemetry on U.S. Navy test pilots, resulted in an implanted transmitter to monitor chipmunk heart-rates (Le Munyan et al., 1959). ... The construction of these first tags, in the late 1950s, was crucially dependent on the development of the transistor. ...

Tags for tracking by satellite have been used since the early 1970s"

Consider how different human-based technology is today from its minor presence several hundred years ago. If a visiting spaceculture was as little as 1000 years in advance of that of

humans, what degree of sophistication of tracking could they place on humans?

1987 - On April 26, the U.S.S. Pennsylvania, the newest USA Trident model nuclear submarine, is described in the mass media. It represents the destructive power of 18 previous submarines; 12 more are on order. It costs 2.7 billion dollars to build. It carries 24 missiles with a minimum of 14 individually targeted warheads per missile. The D5 warheads used, has an accuracy of within 100 yards from a submerged launch positioned up to 10,000 miles from the target. Each of the Trident warheads is capable of delivering the explosive force of 75 - 100 kilotons. That is, one submarine is capable of targeting 336 to 408 cities and strategic points and delivering a total of 2,500,000 kilotons of nuclear explosive. A 15 kiloton device destroyed Hiroshima and over 100,000 people in 1945.

1987 - On June 4, the USSR Early Warning System of 9 geosynchronous satellites was completed with the successful launch of Cosmos 1849. A 4-year test program began in 1972 with operational deployments in 1976. All were launched from Plesetsk in highly elliptical semi-synchronous orbits to provide overlapping detection ability of both routine launches and missile launches. Launch vehicle failures and stranded or orbital breakups delayed the full operation of the system.

1987 - During the year, a 6.7 Earthquake occurred 18 miles along the Elysian Park Fault "A", which begins in downtown Los Angeles. Following the local earthquake in 1983, petroleum geologists studied seismic maps of the Los Angeles area and southern California in general. The hills in the area had been a source of petroleum created by the pressures of thrust faults. The ancient hills so formed were found to be often concealed below seas of sedimentary deposits. Rock samples and the use of sound waves revealed a number of Blind Thrust Faults with one, the Elysian Park "A" Fault being found directly under Los Angeles. The earthquake had occurred just several months after the fault had been discovered. Scientists would rationalize that in the future, numerous small quakes were more likely to happen than several huge ones. Over the next few years 100 active faults would be discovered situated underneath Los Angeles, including faults which ran through Santa Monica and Hollywood.

1987 - By July, an Arizona Patriots terrorist action is foiled and 3 men are sent to prison on minor charges. Within 3 years all would be released. Centred in the Kingman, Arizona area, the tribal organization had developed in reaction to increasing federal government control and monitoring of individual activities and continuing secrecy and deception of government military and intelligence agencies in their honest and open release of information to the public about UFOs, visiting spaceperson cultures, the real risks of nuclear war and global catastrophes and the apparent consistent global political and economic conspiracy which the senior American decisionmakers were involved in. The lack of information, the increasingly apparent government use of disinformation tactics and the unannounced Executive Orders which had the capacity to suspend civil liberties increased the concerns of those individuals who already had been disadvantaged by a government which had been more concerned about armamentation and industrial profits than about the provision for instruction in positive coping skills and truthfulness with and confidence

in their citizens.

Members of the right-wing (personal independence) group contrived a spectacular plot in which the monies stolen from an armoured car enroute from casinos in Laughlin, Nevada, would be used to finance the bombing of federal buildings in Phoenix and Los Angeles. A mortar and machine-gun attack on Internal Revenue Service (IRS) workers in Ogden, Utah, had also been planned. Some of this enmity was derived from the employment of the IRS of officers who were pressured and rewarded for finding real and apparent tax evading citizens and then prosecuting the individuals to the maximum extent of the law, and under considerable duress, - during which the innocent as well as the guilty were treated with a minimum of respect, a lack of negotiation, and reduced civil rights. Some of those individuals had not evaded their taxes intentionally, were living a near subsistence lifestyle and were hard working and trying to improve their financial situation to one which would be fraught with less desperation and uncertainty. They also did not have a wide range of positive coping skills, such as positive self-esteem, meditative and prayer abilities, trust and open communication, tolerance, negotiating skills, good health, If the American government continues to avoid placing a priority on the mass educating of these types of skills, the resolution of increasingly endemic poverty and the possibility of an economic recession - more disadvantaged Americans will be encouraged to react with negative attitudes and behaviours: suspicion, distrust, anger, intolerance, hatred, conspiracy and violence. The selection of priorities is the greatest challenge for any human government executive. Their selection determines the history of their nation.

1987 - The U.S.A. has 20,000 metric tons of radioactive waste awaiting permanent disposal. It is estimated that within 25 years more than 200 commercial reactors worldwide will cease operations and will have to be dismantled. Even as recent as 1977, low-level waste was dumped in landfills almost anywhere. Millions of people now live near or above forgotten nuclear waste burial sites and daily, more wells are being contaminated by radioactive waste seeping into the water supply.

1987 - A Diphtheria Epidemic broke out in the USA this year. The deadly disease would continue to spread during 1988, 1989, and 1990. A deadly contagious infection which has been known for hundreds of years, the basis of the disease is a common streptococci bacteria found in the throats of many humans. When this bacteria becomes infected by a certain virus, a highly toxic to humans poison is produced as an excretion. This infected bacteria is then designated "group A strep." Symptoms include a sore throat, runny nose, hoarseness, ill feeling, fever, fatigue, heart and nerve infections. A gray membrane may form in the throat on the tonsils and the throat walls in the vicinity, or, at a wound in any other mucous region or skin wound. If a heart infection develops, the pulse may become rapid, heart rhythm may become erratic, blood pressure may fall, and nausea and vomiting may develop. If toxic neuritis develops, symptoms can include the development of a nasal tone to the voice, regurgitation of food through the nose, an inability to swallow, motor (movement) nerve weakness, and a numbing of chest and hand and feet nerves. Largely transferred through the air from infected persons, the incubation period is typically 2 to 7 days.

A difficulty in treating the disease effectively is that a diagnosis must be made before tests can be used to determine if it is one of a number of similar-symptom illnesses. As a preventive measure, an immunization is available; to remain effective, booster injections should be taken every succeeding 10 years. For already active cases, diphtheria equine antitoxin is the most effective remedy - given in increasing concentrations relative to the progression of the disease. Antibiotics are helpful in reducing the infection if given for 7 to 10 days. Absolute bed rest for at least 3 weeks is usually indicated with a hot saline throat gargle 3 to 4 times daily. High doses of timed release vitamin C will help reduce pain and provide an antibiotic effect. Hawthorne extract in well-filtered water will help strengthen the heart. In severe cases, oxygen administration may be required. In warm, humid climates, a chronic skin ulceration may be a symptom. Mortality is typically 10% to 30%.

1987 - About September 1, Peter Cardinal, a name given to a 10-year-old Danish disease fatality, had died in the Nairobi Hospital with a combination of extreme symptoms that suggested a Level 4 highly contagious and highly fatal virus. The boy had come to Africa only 2 weeks before to visit his parents and older sister. On his arrival, the family had travelled by car through Kenya to Mombassa. There, Peter developed red eyes, and weakness. His mother, afraid that he might be dying insisted that the Flying Doctors take her son to the Nairobi Hospital.

Dr. Silverstein, who had taken care of Dr. Musoke some years earlier, found Peter's lungs to be "fluffy" and his breathing laboured - suggesting early pneumonia. Shortly afterwards, Peter's extremities began to turn bluish and red spots appeared over his skin. Suspecting Marburg Virus, Silverstein had his staff take precautions. Within 24 hours, Peter was on a respirator and experiencing abnormal liver functioning. The small red spots grew into larger spots and began changing to bruises. With pupils dilating, bleeding around the brain was suggested. Lastly, Peter experienced "third spacing": he bled into the space between the skin and the flesh forcing the skin to puff up like a bag. Peter's brain was dead long before his body.

Several days later, a sample of Cardinal's blood was delivered to USAMRIID biohazard expert, Eugene Johnson, at the Dulles International Airport, near Washington, D.C.

Johnson picked up the cardboard box of samples and drove it to Fort Detrick, Maryland. There he took it to the Level 3 staging area and used the Level 4 glove boxes to open the protective metal container which held several vials of Cardinal's blood serum. Over the next several days, Johnson confirmed that the virus was extremely destructive against monkey and guinea pig cells and against live monkeys. A virus does not usually kill its normal host as effectively so the virus had likely originated with a less complex species. After a week of inquiry, Gene Johnson heard from Nairobi that the boy had visited Kitum Cave on Mount Elgon, western Kenya. Both he and his sister had explored the cave. The difference was that he was an amateur geologist who wanted to collect several specimens of the crystals in the cave. While in the cave he had used a rock hammer to chip away some of the rocks and crystals. Doing so would have dispersed some of the bat guano and crystal fragments into the air allowing them to be easily breathed in.

1987 - An American movie for cable television, Control, filmed in Italy and starring such famous actors as Kate Reid, Ben Gazzara, Burt Lancaster, Kate Nelligan - recounts a fictional portrayal of what is expected to happen if an atomic bomb shelter experiment were to be conducted. Some of the participants become defensive, paranoid, and violent and in the process exert coercive autonomy over the majority. The theme: "There is no shelter from the bomb, even in a shelter." Intended to stimulate a public outcry for international nuclear disarmament and peace as the only constructive alternative to nuclear annihilation of humanity, the movie receives poor reviews.

Critics largely emphasize the poor, in their terms, quality of the production with little discussion of the content. The producers develop the concept that the further construction of bomb shelters only increases the destructive belief that a nuclear war must occur, thereby sabotaging active public support of disarmament and prevention. This pleases politicians who abhor the prospect of increased tax expenditures for civilian defense. Ignored by the producers and by the politicians is the fact that people who have a plan, have made preparations for a catastrophe, and, have practised the procedures expected to be necessary - often do not panic should such a situation arrive, can be compassionate and empathetic to others, and, are often the most committed to ensuring that such procedures remain unnecessary. The military-industrial complex and the organized crime business recognize that no disarmament talks in the past 40 years have resulted in any reduction in nuclear armaments. Any reduction reported in the next 5 years will largely be the result of faked media promotion or the retirement of missiles and bombs which are now so old as to be unreliable and hazardous due to corrosion of their parts. Because the movie represents a reflective, disturbing, depressive expectation - it proves largely non-constructive in its outcome. The media find that it lacks the humour, optimism, action, excitement, fantasy, and over-dramatization which has become and will remain the attraction of television: unreality. The producers have followed the destructive trend of the decisionmaking elite of mass societies by trying to use coercive psychology to motivate political action rather than providing hope and self-esteem through the promotion of positive coping skills. It's more successful to save one human at a time than to try and save everyone at once.

1987 - On October 16, a Major Storm over Britain disrupted lines of communication and blocked many routes to London. The London Stock Exchange closed early as a reaction to the difficulties. Winds in the storm were stronger than any experienced in southern Britain in the previous 200 years, with gusts exceeding 80 mph (130 km/h). More than 19 million trees were uprooted in just a few hours, some falling on iron railings with such force that the spikes were driven deep into the timber.

All of the above occurred in spite of a forecast of mild weather by the Meteorological Office only hours before the storm reached southern Britain. The total reported financial cost of this natural disaster was 1.5 billion pounds (\$2.2 billion).

On the next trading day, Monday, October 19, a crisis threatened when most of the Earth's stock markets went into a free-fall of pricing. More value was lost in stock price declines in that week than had been lost in the stock market crash of 1929, during the same

period of the year.

1987 - In November, General Secretary of the USSR, Michael Gorbachev holds a secret meeting with the top leadership on the anniversary of the Communist Coup of 1917. Reported by British spy, Sir William Stephenson (codenamed, Intrepid), Gorbachev directs that the USSR must adopt policies that "stops the US Strategic Defense Initiative (S.D.I.) and puts the Americans to sleep." Stephenson went on to conclude in his report that the West would accept the apparent reality of Soviet actions and proposals at their great peril. It should be remembered that Gorbachev was head of the KGB and that USA President George Bush was head of the CIA: both have represented the most senior positions of the most powerful political intelligence agencies, familiar to the public, which direct the global involvement of the 2 most militarily powerful human nations. The reported text read:

"Gentlemen, comrades, do not be concerned about all you hear about glasnost and perestroika and democracy in the coming years. These are primarily for outward consumption. There will be no significant internal change within the Soviet Union, other than for cosmetic purposes. Our purpose is to disarm the Americans and let them fall asleep. We want to accomplish three things: One, we want the Americans to withdraw conventional forces from Europe. Two, we want them to withdraw nuclear forces from Europe. Three, we want the Americans to stop proceeding with Strategic Defence Initiative."

1987 - In December, an ex-policeman is abducted in Great Britain. The shape of the alien is described as having elephantine ears, long arms almost dragging to the ground, and almost club-like feet. While out in the early morning to take some sunrise photographs the man confronted the alien. It ran away, and the man ran after it as though to catch it! It turned and waved him off, then continued on. Next, the man sees a saucer-shaped object rise from behind the trees and take off. He goes home and doesn't remember anything further. Afterwards, while being interviewed in a state of hypnotic regression, he describes being taken aboard a craft which is highly illuminated inside without having any direct light source, very cold, and a hospital-like environment.

1987 - During the year, there were 15,005 reported oil spills. The USA EPA would estimate that there was an ongoing 10,000 oil spills each year. During the period 1973 to

1984, 660,403,040 litres (174,460,567 gallons) of oil spilled in U.S.A. waters alone. The USA Coast Guard estimated that it would cost \$10 a gallon to clean up the spills. Over \$2 billion would have had to be spent during the 10-year period by the government for the cleanup. Most of the time, nothing had been done. With over 400 million vehicles on North American roads, the requirement that called for such a risk was largely cultural in origin.

By 1990, in the Los Angeles basin, there was an oil spill equivalent every month, except for brief winter breaks, with roughly 378,540,000 litres (10 million gallons) of petroleum-type products being spewed into the air causing the city to fail federal clean-air standards every 2 or 3 days. According to Larry Berg: "That's why kids in L.A. have a 10% to 15% decrease in lung capacity by the time they leave high school. On some smoggy days, it's the same as breathing battery acid." Day in and day out, in the Los Angeles area, commuters and truckers get into 7.6 million vehicles and drive a total of 376 kilometres (234 million miles) on area roads and freeways, dumping more than 6,000 TONS of pollution into the air daily in the process.

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