

Correspondence

The Need for a Fifth Force?

- from: From: Stephen Kaplan (kap808@home.com) and Dr. Brian O'Leary (oleary@maui.net)

We acknowledge Prof Chris Clarke's critique (*Network* 71, 28-29, 1999) of our review article (*Network* 70, 3-10, 1999) that it is easy to be sceptical of research on cold fusion, magnetic motors, solid state and plasma devices, etc., that suggests that new energy processes are producing more energy than goes into them as measured by conventional means.

Accepting the reality of "free energy" necessitates a new view of physics which doesn't settle well with the mainstream theoretical perspective based on the laws of thermodynamics, which leads to Clarke's supposition that "over-unity" energy behaviour may be only the tapping of energy stored in other traditional forms (e.g., gravitational potential or batteries or the thermal environment surrounding a refrigerator). But increasing numbers of experimental anomalies are making it clear that the vacuum is really a plenum of potential energy, thus strongly suggesting that the foundations of physics will again need to re-examined.

In our paper we alluded to the work of theoretical physicists who have suggested that the zero point (vacuum) energy field is "forced into existence" by experiments in quantum physics. (1) This homogeneous, isotropic field can be detected and energy possibly extracted if we accelerate charged particles in the presence of the field. The anomalous findings in the field of low-energy nuclear reactions (a.k.a.cold fusion) may be the result of another process altogether, as there are a variety of theories being put forth to explain the phenomena (including one that does claim zero-point energy as the source). Another exception is Randell Mills' claim that the release of thermal energy found in these reactions are attributable to transitions to hypothesized lower ground states of the hydrogen atom (2).

Whatever theoretical formulations eventually emerge from our increased understanding of the experiments, many of the anomalies are impossible to deny. Granted, the literature is skimpy because of the reluctance of mainstream physicists to be open to explorations in the field. In fact, the work has been actively suppressed by institutions promoting existing interests in nuclear, fossil fuel and renewable energy options (3). Nevertheless, careful study of the most relevant experiments as reported and updated in the peer reviewed literature and periodicals all point to the reality of a tappable vacuum potential. Clarke might do well to contact Southampton colleague Harold Aspden who has well developed insights on the physics of new energy.

It is possible that energy phenomena related to the vacuum might transcend quantum physics and apply as well to experiments in parapsychology, healing, consciousness and morphic fields, suggesting a fifth force of nature, unacknowledged by most physicists.

We agree with Clarke that the environmental and ethical dimensions of the issues raised by commercial new energy are enormous and deserve public discussion. Space limitations necessitated our emphasizing the state of the art of the research on emerging technologies. An in-depth exploration of the theoretical and societal issues arising from such research will require a whole new article.

All new technologies represent two-edged swords. Unless humankind's spiritual and moral development accelerates to catch up with vastly accelerating technical innovation, there is little hope that these new energy technologies will be used for the benefit of all humanity, and it is even likely they could be as much a threat as other powerful technologies currently are when put to use by the greedy and power-hungry among us. We need to look at this squarely, for it is clear to us that the genie is out of the bottle and that knowledge in this field will advance rapidly as it has in all others. Thus, there is a great need for full and open discussion of the proper use of new energy sources so that they will be a blessing rather than a curse.

Prof. Clarke has taken an important first step in exploring this most important topic. We invite physicists and others to set aside their theoretical blinders and to begin to look at the results for what they are. The topic is so important for the future of the planet that it well deserves the time and effort to do so.

1. Haisch, Rueda and Puthoff, *Physical Review A*, Feb. 1994.
2. <http://www.blacklightpower.com>.
3. O'Leary, *Miracle in the Void*, Kamapua'a Press, Kihei, Hawaii, 1996. Also, numerous examples of efforts to stop research in this field can be found in such publications as *Infinite Energy* magazine and *New Energy News*, as well as on the Institute for New Energy web site (www.padrak.com/ine). Some particularly egregious examples are presented in an update of our article, which was recently published in the *The Leading Edge International Research Journal*, #128, pp. 23-24. (Leading Edge Research Group, P.O. Box 2370, Yelm, Washington State 98597).

A Postscript -October/November 1999

Stephen Kaplan

New developments are occurring in the new energy field almost on a daily basis. Just as this article was sent in, new information came to me about three developments: (i) Blacklight Power processes have been further developed and confirmed by independent researchers. See their web site - www.blacklightpower.com; (2) new breakthroughs in the cold fusion field were reported in the most recent issue of *Infinite Energy* magazine. See their web site: www.infinite-energy.com; (3) Entropy Systems has announced new breakthrough technology, which converts atmospheric heat to power. Information about this development can be found at www.entropysystems.com; and (4) a new, clean over-unity, combustible gas has been discovered by Dr. R.M. Santilli. This process is being commercially developed by Troups Technology Licensing, Inc. This company can be contacted at 727-548-0918 (phone) or 727-549-8138 (fax) or news@toupstech.com.

Those wishing to keep up to date on current and future developments, as well as learn about investment possibilities in the new energy field, should visit my web site: www.connexion.org/kaplan, or email me at kap808@home.com.

The politics of new energy R&D have become very heated lately. Witness one of the most egregious examples of the power of the forces in opposition to government investment in cold fusion: A leading researcher in the field of low-energy nuclear reactions research, George Miley, a prominent physicist at the University of Illinois, had a Department of Energy peer-reviewed research grant taken away because of the attacks on his project by a small group in opposition to any funding of such research. Miley's grant of \$100,000 was for

research into the use of low-energy nuclear reactions for remediation of nuclear waste. It was one of thirty grants that passed through a competitive peer review of more than four hundred applications. When forces hostile to any research connected with cold fusion heard of the grant they launched an attack on it that led DOE to suspend the grant and then convene a second peer-review panel to make a final decision. One of the members of the panel was Dr. John Huizenga, one of the earliest and most vocal opponents of cold fusion. He and the other panel members finally decided Miley should not get his grant. Once again, DOE confirmed its status as a continuing opponent to cold fusion research.

The same forces that blocked the Miley grant also were successful in preventing a conference on new energy from being held at the State Department or the Commerce Department. Integrity Research Institute, in cooperation with *Infinite Energy* magazine originally arranged with the State Department to conduct the conference as part of a State Department public affairs forum series. Because of opposition from a small but influential group, including a Dr. Zimmerman, a State Department science advisor, the conference site had to be shifted first to the Commerce Department and finally to a Bethesda, Maryland hotel because of continuing efforts to block the conference from being held at a government site. The final outrage in this saga came after the conference was held, when Tom Valone, the founder of the Integrity Research Institute and chief force behind the conference, was fired from his job at the U.S. Patent Office because of his activism.

While all of this is occurring, one wonders what goes on under the auspices of the government's "black budget" programs. A recent book by Edgard Rothschild Fouche and Brad Steiger, *Alien Rapture*, is a fictionalized account of secret technology (including our own UFOs) which is being developed with U.S. tax dollars. It is based on the experience of Fouche who has worked on many secret projects and other secret operatives who have confided in him. Along with Colonel Philip J. Corso's revelations about the back-engineering of Roswell crash discoveries published earlier in the *Day After Roswell* it gives us a fascinating and sobering account of advanced technologies that could have great relevance for civilian purposes, if such knowledge could ever be freed from its secret chambers.

Telepathy?

- from: Paul Ableman, Flat 36, Duncan House, Fellows Road, London NW3 2LZ.

Concerning your request in the December issue of **Network**, I think you might be interested in two experiences of something that could be thought of as telepathy, both of them involving my oldest son, Martin, aged forty, one with myself and the other with his wife. I should begin by saying that basically I vote a pretty straight materialist ticket although have always felt that of all fringe and ESP notions the only one that seemed not totally incompatible with orthodox physics was telepathy. I do not see how flocking birds or shoaling fish can move in elaborate formation without telepathy since, I think I am right in saying, their alterations in motion are too rapid for visual or auditory signals to be the controlling force. Moreover the old argument against telepathy - that the electric voltages are too minute to permit it - surely needs some revision in an age when minute voltages control complex transmissions of information.

Anyway, the first of these experiences occurred some six or seven years ago when my son Martin and I were on a day-long walk in the country. We talked about telepathy and

especially about a television demonstration which Martin had seen and I had not. It was the usual transmission of images from sealed envelopes between rooms or something of that nature. And apparently there had been some success or perhaps one rather startling success. I was sceptical and talked a good deal about coincidence and the inevitability of chance success and I used some such phrase as: "I mean suppose I think of some image - say, a smiling sun and you, trying to receive the image, draw a smiling sun - well it must happen from time to time". Mart. surprising me somewhat said: "Oh, so you did see the programme?" I said irritably: "No, I'm just giving a random example." He said: "But that was it." And I said: "That was what?" He said: "A smiling sun - that was the image that was transmitted. You must have seen it." I shook my head slowly and then I realised something. We had before this point in the discussion been climbing a fairly steep hill and had decided to sit down for a rest. We had sat on opposite sides of a large, irregular boulder and because of the conformation of the stone our heads were virtually, or perhaps actually, touching.

The second event occurred very recently. My first wife, Tina, to whom I was still very attached although remarried, had a stroke about ten days ago and has, alas, now died of it. This episode occurred while she was still alive but in a coma in hospital. My son, myself and my son's wife, Sharron, were all very devoted to Tina and one night shortly before she died, Martin dreamed that he was looking for Sharron and couldn't find her. He moved up and down streets and became more and more panicky and then finally saw her standing some distance in front of him. He advanced towards her gratefully and she held out a tray containing a pot of tea and scones. At that moment the real Sharron, next to him in bed, gave a loud exclamation or scream and woke him up. She had woken herself up too, or he then woke her, and asked what was the matter. She said that she had experienced a sense or vision of Tina being in the room and she, Tina, had held out a tray holding a pot of tea and scones. Interestingly enough, they had been sleeping with their heads virtually touching. So it would seem that, if telepathy is indeed possible, my son, Martin, might be a good transmitter.

Torsion Fields

- from: Roger Taylor, The Mu, Brook Lane, Albury, Guildford GU5 9DH, and Rodney Hale, 3, Bucknall's Drive, Bricket Wood, St Albans AL2 3XJ.

The question of torsion fields has already been brought to the notice of members by Keith Wakelam in his report (**Network** No. 58) of the St Petersburg conference, held in June 1995. At that time, very little of the Russian work on this subject was accessible to those unable to read the Russian language. Yet the Russians have, especially during the last 20 years, carried out a great deal of work, both theoretical and experimental, which can hardly be ignored. This seems to be a very exciting area, and one that could be of considerable interest to SMN members since, in addition to the interesting physics, it may touch on dowsing, healing and "mind-matter" phenomena in general.

Now at last some of this work is beginning to come out in English. To bring out its full import would require a long article - especially since some aspects of the theories (not surprisingly they don't all agree with each other) seem to be somewhat radical, and so may not be readily acceptable to most physicists. Nevertheless we feel that it should be brought to members' notice, and hope some will consult the references given below. Ref. 1 is a website

by which one can access most of this work. Look especially for some 15 files from Alexander Shp'ilman, giving, in addition to general information, outline plans for several torsion generators, and experiments he has done with them. In Ref. 2 are three papers from the Journal of New Energy - which, by the way, seems to be an excellent journal. Of these the most comprehensive, with 177 references, is the one by Akimov, who is perhaps the leading figure in Russia. Photocopies of these three articles are available from the Network office. Keith Wakelam's book, although a good introduction, lacks much of this new material.

Finally, it may be relevant that one of us (RH) has been repeatably observing that the background reading of a Geiger counter is reduced during healing sessions. Recently he was gratified to find independent confirmation of this result in Ref. 4. It is included here because of the author's suggestion that a torsion field might be involved.

1. <http://www.amasci.com/freenrg/tors/>
2. J. New Energy, vol. 2, no. 3/4. Articles by A. Akimov, pp 55-80; V. F. Panov pp 29-39 and I.M. Shakhparonov pp 40-45.
3. *Morphism of the Void* by Keith Wakelam. Mulberry Books, 1995.
4. M. Sue Benford. Journal of Theoretics, Vol. 1, No.2 (June-July) 1999. (Can be found at <http://www.journaloftheoretics.com>).

A Scientific Preoccupation?

- from: Paul Anderson, 2b Church Hill, Morningside, Edinburgh EH10 4BQ

The recent launch of the Network's educational initiative, designed in part to foster a new 'worldview' of integrating science with 'spirituality,' signals the latest and much needed attempt to loosen science's fixation on the materialist filter. With this and contemporary efforts, 'spiritual engagement,' it would appear, may at last occupy a serious position in scientific inquiry.

Yet why favour a scientific approach to spirituality? Would it not be better if 'spiritual-consciousness' were to determine the appropriateness of scientific inquiry therein? An outsider observing this project might be bemused at the notion that consciousness, that subjectivity can be reducible to an object of observation. Perhaps he might liken it to a group of people sitting near a river debating the nature of water yet reluctant to get in. That they choose to debate rather than experience - and do so in one particular way - might puzzle him. For sure, they invite those who welcome experience to participate, but for the most part choose to understand them by reference to the ongoing dialogue. So why cling to what, at best, postpones experience? That the scientific approach happens to be the socially-sanctioned way of inquiring into serious matters would suggest that adhering to it derives more from psychological than epistemological grounds. This is not to say that it should be rejected; rather simply 'let go.' Letting go of this - allowing distance in order to get closer, less as scientist and more as witness - would seem an approach worth favouring.

In our efforts to engage in deeper matters, we should ask ourselves whether the manner we propose is ultimately life-affirming and life-negating. For, should it say 'no' to experience, then should we not, given our aspiration, reconsider its appropriateness?

Planet Search

*- from: Dr. Chris Coulson, 39, King Edward Road, Barnet, Herts, EN5 5AS, UK
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Astrological evidence suggests the existence of another planet orbiting in the outer reaches of the Solar System. The influence of the Trans-Saturnian planets (Uranus, Neptune and Pluto) could be seen before their discovery. We believe that the influence of this planet can also be seen in the charts of prominent individuals. The influence of the planet appears to be related to, amongst other things, harmony, music, peace and war, and partnership - especially marriage. Accordingly we have tracked it in the lives of great composers from 1685 onwards. Individuals awarded the Nobel Peace Prize have given more data and also the marriages of people known to us. We are asking for help in finding the planet from astronomers who have access to a telescope that could detect a body at or beyond the orbit of Pluto.

The Real Miracle?

*- from: David Boston, Marina, Golf Links Road, Westward Ho!, Bideford, Devon, EX39, 1HH,
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The Fifth Miracle was reviewed in Network no 71 by Max Payne. The view seems to be widely held by biologists (and including Paul Davies) that the main miracle in the origin of life is the emergence of DNA from a soup of organic chemicals and. Surely a greater miracle exists in the formation of the soup itself. How comes all the particles and forces between particles necessary to assemble the DNA helix exist in the first place? For example, it may be the difference between assembling a watch and making the parts for a watch. If it were to be found that life may emerge spontaneously, this might be a greater miracle, not a lesser miracle.

Subjectivity and Truth

- from: Max Payne, Westernesse, 16 Burnt Stones Grove, Sheffield S10 5BJ

Firstly let me say where I agree with Julian Candy's comment (Dec. 1999) on my August editorial. I said the paradigm of science is that description which is true for all possible observers. Julian would insert 'competent' before observers. I agree, except that 'open and honest' might be even better. The key issue is that each observer is prepared to abandon the framework from which they start in order to obtain a wider understanding. In this way the process of scientific inquiry is more important than any conclusions it reaches along the way.

I am less happy with Julian's wish to fuse subject and object, observer and observed into unitary 'events', and move on to a 'participatory and ultimately creative view of reality. I do not like 'event'. It sounds like a rather atomic conception of psychic consciousness. 'Events' may describe the world of the jellyfish, but not the human being. Humans are persons.

Admittedly all knowledge is personal, even abstract knowledge. My understanding of calculus depends critically on my nature and background, namely that I am English, of

reasonable intelligence with a university education in the 20th century. However I am wary of allowing our subjectivity too much of a role in determining the nature of reality. Certainly when I hear the word "creativity" I tend to reach for my gun. These days "creativity" means the painful sound experiments of Harrison Birtwhistle and Tracey Emin's unmade bed. The modern world with its computers and jet planes is the creation of 6000 years of human civilisation and 400 years of science. The fossils in the Cambrian rocks or the distant galaxies are not, even though the knowledge whereby we understand these things is. In the end I believe that the inner reality of consciousness does merge with the outer reality of matter, but it is at a deeper level than merely human creativity.

Erratum

Jean Galbraith writes: I apologise that in the article of Network 71 "Is Spiritual Emergence Up the Spine always a Benign Process?" I have made the following error:- Sannella cites 17 case histories of kundalini energy rising and not 10 as I have written. We also apologise for some errors in the table accompanying the article. A correct version is reproduced below.

Note:

THE TABLE REPRODUCED IN THE ON LINE VERSION OF NETWORK 71 INCLUDES THE CORRECTIONS.