

CITIZEN EPIDEMIOLOGY – BIOGRAPHICAL SKETCHES

Marion K pker (Moderator)

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Ms. K pker is the staff organizer for GAAA, a Germany anti-nuclear weapons and peace organization. She was the Conference coordinator of the 2003 World Depleted Uranium/Uranium Weapons Conference in Hamburg. She has worked on numerous disarmament issues, and helped GAAA coordinate efforts to protest the presence of US nuclear weapons on German territory; and undertake inspections of US bases to look for WMD's. She has participated in the annual meetings at the UN dealing with the NPT debates and renewal.

Dr. Chris Busby, Green Audit

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Chris Busby was born in 1945 in Devon and educated in Kenya, Hampshire and Kent. He obtained a First Class Honours BSc Special degree in Chemistry from the University of London and a PhD in Chemical Physics. He worked in research for the Wellcome Foundation for seven years applying spectroscopic and analytical methods to chemical pharmacology and molecular drug interactions and also later researched Raman spectro-electrochemistry at the University of Kent. Since 1987 he has developed his interests in the health effects of ionizing radiation and developed the Second Event Theory, which distinguishes between hazards from external and internal irradiation.

He is the scientific secretary of the European Committee on Radiation Risk (www.euradcom.org) , based in Brussels and edited its recent recommendations (ECRR2003: The Health Effects of Ionising Radiation Exposure at Low Doses for Radiation protection purposes). He is also national speaker on Science and Technology for the Green Party of England and Wales. A member of the International Society for Environment Epidemiology, he was invited to Iraq and Kosovo to investigate the health effects of Depleted Uranium and has given presentations on the issue to the Royal Society and to the European Parliament and is a member of the UK Ministry of Defence Oversight Committee on Depleted Uranium (www.duob.org) and the UK government Committee Examining Radiation Risks from Internal Emitters (www.cerie.org). In 1994 he helped to found the Low Level Radiation Campaign and is its scientific consultant. He is a director of the independent environmental consultancy, Green Audit, (www.greenaudit.org) which was recently funded by the Irish State to research the effects of Sellafield on coastal populations. His book *.Wings of Death: Nuclear Pollution and Human Health*. (Aberystwyth: Green Audit) was published in 1995 and is still in print.

Dr Busby is the author of many articles and research papers on the issue of low level radiation and has given expert evidence in court on many occasions including recently in the Hanford Connecticut State Court on emissions from the Millstone reactor to Long Island Sound.

Cindy Folkers. Energy Future Project, Nuclear Information and Resource Service

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Ms. Folkers has worked for NIRS in Washington, D.C., in a variety of roles since 1994. She received a *Bachelor of Arts in History* Franklin & Marshall College, Lancaster PA (1991), and a *Master of Science in Environmental Science* The Johns Hopkins University, Baltimore, MD (1997). She has specialized in energy policy legislation and issues relating to climate change and energy.

Among her key achievements in these areas are: work on the Kyoto Climate change agreement that resulted in Convincing international delegates to disallow the use of nuclear power credits for greenhouse gas reduction during the United Nations Kyoto Climate Talks in The Hague; and convincing UN Delegates not to call nuclear power a sustainable technology in the final energy document for sustainable development talks in New York.

In recent years Ms. Folkers has turned her attention to the effects of ionizing radiation, and the regulatory and policy changes regarding these effects. She crafted the founding statement for the World Radiation Protection Committee (WRPC) and established an online group list for communication and idea exchange.

She currently is engaged in work dealing with the WHO/IAEA Conflict of Interest Project, and has developed numerous literature pieces regarding these radiation standards issues.

Dr. Judith Johnsrud:

Contact: through the Environmental Coalition on Nuclear Power (ECNP), 433 Orlando Avenue, State College, PA 16803-3477; (814)237-3900. E-mail (johnsrud@csrlink.net).

Dr. Johnsrud received her BA at Northwestern University, in Evanston, IL; her MS from the University of Wisconsin, Madison; and her PhD from Pennsylvania State University, University Park, PA. Her academic field is geography, specializing in the Geography of Nuclear Power. Dr. Johnsrud has taught at Wayne State University, Detroit, MI; Southern Illinois University, Carbondale, IL; State University of New York, Oswego; Penn State; Bucknell University, Lewisburg, PA.

Dr. Johnsrud is the director and of the Environmental Coalition on Nuclear Power, which is based in State College, PA, a group which she founded in 1970. For a quarter of a century, her work on nuclear power and radioactive waste issues has taken her all over the United States and to many places overseas. Few Americans can match her understanding of the true dimensions of the Chernobyl catastrophe. She is also an original intervenor against Three Mile Island-2 re-start after the 1979 accident at TMI-1.

Dr. Johnsrud is active at the national level in Sierra Club and currently serves as the Vice-Chair of the Pennsylvania chapter. She heads the chapter's committee on Radiation and the Environment and also the committee on Energy. On behalf of a coalition of environmental groups (including Sierra Club, GASP, and the Clean Air Council), she was deeply involved in legal action concerning the implementation of electric utility deregulation by the Pennsylvania Public Utility Commission (PUC).

In recent years Dr. Johnsrud has focussed her attention on the areas of radioactive waste management; and the science and policy relating to radiation standards, especially regarding low-dose radiation issues. She has presented papers at numerous international conferences on these issues.

She has served as policy advisor and on the boards of numerous safe-energy and environmental organizations, both in Pennsylvania and nationally. She currently sits as a Board member of the Nuclear Information and Resource Service (NIRS) of Washington, D.C., an organization which she helped found. She is also a Trustee of the New England Coalition (on safe energy and nuclear pollution). She also has served on several prominent governmental advisory committees on radwaste and radiation, including the Pennsylvania State Advisory Committee on Low-Level Radioactive Waste; the DOE Advisory Group to the DOE Low-Level Radiation Research Program; and various NRC, EPA, and DOE panels on reactors, safety, waste, public participation.

Dr. Ernest J. Sternglass:

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Dr. Ernest J. Sternglass is Emeritus Professor of Radiological Physics in the Department of Radiology, University of Pittsburgh School of Medicine. He joined the University in 1967 to direct the Radiological Physics and Engineering Laboratory to develop new imaging techniques to reduce the dose in X-ray and nuclear medicine examinations. In addition, Dr. Sternglass has carried out extensive epidemiological studies of the effect of nuclear fallout and reactor releases on human health, in connection with which he has testified at hearings of the U.S. Congress, the National Academy of Sciences, State Legislatures and U.S. Government Regulatory Agencies. In 1963, Dr. Sternglass was invited to testify before the congressional Joint Committee on Atomic Energy, as to how the exponential increase in strontium-90 in baby teeth caused by bomb-test fallout was associated with increased childhood leukemia. His research and testimony played a role in President Kennedy's decision to sign the Partial Test Ban Treaty.

His 1981 book *Secret Fallout: Low-level Radiation from Hiroshima to Three Mile Island* established him as a pioneer in the study of the health effects of low-level radiation. He is also the author of "Low -Level Radiation" (Ballantine 1972), "Secret Fallout", (McGraw - Hill 1981) and "Before the Big Bang" (Four Walls Eight Windows 1997). Presently, he is Scientific Director of the Radiation and Public Health Project, a not-for profit research organization in New York City.

He was elected a Fellow of the American Physical Society, and was formerly a member of the Radiological Society of North America and a number of other professional societies.

Dr. Jawad Al Ali, Iraq: (attending via video and audio tape interview)

Dr. Al Ali is Director of the Oncology Center at the Basrah Training Hospital in Basrah, Iraq. He has conducted research into the medical effects of depleted uranium on the Iraqi population after the Gulf Wars. He is currently involved in raising funding to conduct a formal epidemiological survey in the Basrah area on these health effects.

Dr. Al Ali has brought the information of these health effects to many international meetings and symposia on the topics of depleted uranium and the effects of low-level exposures to ionizing radiation, including the 2003 World Depleted Uranium/Uranium Weapons Conference in Hamburg, Germany; and most recently to a conference in London, England, in May 2005. His PowerPoint presentation is available on DVD with purchase of the 2003 Hamburg Conference Proceedings ("The Trojan Horses of Nuclear War," available through NEIS for US \$25, or GAAA in Europe for €20). His presentation at the 2003 Hamburg Conference is also available on the website of the Traprock Peace Center, <http://www.traprockpeace.org>.

Dr. Al Ali regrettably was not able to obtain a visa to come to the US in time to attend the Conference personally