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By Facsimile Transmission

June 14, 2007

Dr. Rick Jostes
c/o The National Academy of Sciences
500 Fifth Street, NW
Washington, DC 20001

Re: National Academy of Sciences Project: NRSB-O-06-02-A

Dear Dr. Jostes:

The EMR Policy Institute concurs with the June 8, 2007 letters of the Center for Science in the Public Interest (CSPI) and Louis Slesin, PhD protesting the proposed composition of the committee formed for project NRSB-O-06-02-A. We concur that "the conflicts of interest and imbalance of the current committee roster are inconsistent with the policy of the National Academies and could undermine the credibility of the committee's report." We also concur this committee's work requires members who are trained in the life sciences.

The EMR Policy Institute endorses the lists of qualified scientists that CSPI and Dr. Slesin put forward as alternatives to the proposed committee members. We strongly urge the NAS to choose replacements for the conflicted scientists from the CSPI and Slesin lists and to look beyond ICNIRP members for candidates for this committee. We strongly urge that more members be chosen whose training is in the life sciences.

The stated purpose of this NAS Panel is the "Identification of Research Needs Relating to Potential Biological or Adverse Health Effects of Wireless Communications Devices." As such, the discussion must go beyond the physics questions of how to measure the quantity of heat that is deposited in the human head when using mobile phones and how to accurately determine when the thermal level of harm has been reached. It must also examine the research needed to assess the potential biological effects of non-thermal levels of exposures. How must future research go about addressing the study of the neurophysiological and neuropathological outcomes of chronic and long-term exposures to mobile phones as well as the physiological and pathological outcomes of chronic and long-term exposure to wireless communications devices of all kinds. Assessment of biological outcomes requires scientists trained in neurophysiology, cellular and molecular biology, immunology, epidemiology and medicine. The proposed composition of this NAS is lacking in these areas.

In his July 31, 2002, letter to you regarding the NAS Panel convened to study the effects of the PAVE PAWS radar installation on the Cape Cod population, the late W. Ross Adey, MD, Distinguished Professor of Physiology, Loma Linda University School of Medicine, brought to your attention the history behind the thermal standard of harm from radiofrequency (RF) radiation that is in place in the United States. He stated that those responsible for the development of US RF radiation safety policy for the past twenty years have:

aggressively asserted that microwave fields have only one mode of biological interaction - through tissue heating. There has been a consistent denial of

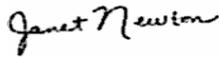
nonthermal interactions, and as a corollary, that tissues have no capacity to demodulate pulse- and amplitude-modulated microwave fields . . .

The confirmed existence of nonthermal ELF and microwave interactions has become clear, in observations ranging from human cognitive performance and human EEG sleep records, to cell and molecular effects on gene expression, enzyme activity, and permeability of the blood brain barrier. (The complete July, 2002 Adey letter is included as an addendum to this letter.)

In the five years since Dr. Adey's letter, much additional peer-reviewed science has been published that has added to the evidence supporting biological interactions with RF radiation at levels well below the thermal threshold of harm.

Given the proliferation of all manner of consumer electronic devices, high-definition television and radio, and the buildout of the antenna infrastructure required for these technologies to operate, millions will be exposed chronically and repeatedly to nonthermal levels of RF radiation throughout their entire lifetimes. It is imperative that the NAS's study committee be free from conflicts of interest with the industries that are developing and marketing these technologies and that more of the committee members be trained in life sciences.

Sincerely,



Janet Newton,
President

Cc: Kevin Crowley, Director
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Division on Earth and Life Studies

E. William Colglazier, Executive Director
National Academy of Sciences

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National Academy of Sciences

Merrill Goozner, Director
Integrity in Science
Center for Science in the Public Interest

Louis Slesin, Ph.D.

Cindy Sage
Sage Associates

Addendum: July 31, 2002 letter of W. Ross Adey, MD to Dr. Rick Jostes