

Mr. Victor (Vic) Leach Applied Physics (RMIT), MSc (Melbourne Uni) and has worked as a radiation health physicist and atmospheric scientist for 50 years in both the private sector (uranium & coal mining) and the public sector. He has worked at several government departments, including the Commonwealth (Australian Radiation Laboratory, now ARPANSA) and State Government Health Departments (QLD & NT). He was a founding member of the Australasian Radiation Protection Society (ARPS) in 1975 and has remained a member ever since. He is a fellow and life member of ARPS. He has been a former ARPS treasurer and has been on organising committees for conferences in Melbourne, Sydney, Brisbane, Cairns, and Darwin. Vic has been involved in many occupational and environmental aspects of mining and non-mining projects at both the planning and operational stages. He is pro-nuclear power but anti-nuclear weapons. He has published in peer-reviewed scientific and engineering journals on dust and radioactivity exposure and the inhalation effects on the health of workers and members of the public. He was a University Radiation Advisor (RPA) at both the Queensland University of Technology (QUT) and the University of Queensland (UQ). In the last two years before retirement, Vic assisted in obtaining all the radiation health approvals for the 18 MeV cyclotron, which produces PET isotopes for medical scanning. Since taking up the role of URPA at QUT in 2006, Vic has developed a greater interest in standards-setting for non-ionising wireless radiation than for ionising radiation. He has come to the realisation that the wireless industry is working to a safety standard that is out of date and, therefore, is essentially operating as an unregulated industry. Consumers are not being adequately protected, and there is unethical exposure of the public 24/7. In contrast, the nuclear power industry is well-regulated and applies precautionary principles, such as ALARA (As Low As Reasonably Achievable), as part of its radiation protection philosophy. These principles are absent in the regulation of the wireless industry, which is very concerning.

<https://orcid.org/0000-0001-7487-8375>