

Safety 1 (Riverbank Room 1)

Witnesses	Relevant Affiliations / Current Position & Organisation (where given)	Short Bio
Dr Paul Degnan	<p>Affiliations None given</p> <p>Current Position & Organisation Independent Consultant (Radioactive Waste Disposal), Catalystra</p>	<p>Dr Paul Degnan started work on geological disposal in the UK in 1994. He joined CSIRO in 2006 managing research projects (drilling, geophysics and mineralogical characterisation). In 2009 he joined the International Atomic Energy Agency in Vienna, supporting countries to develop capabilities and understanding around waste disposal. Since 2015 he has been an independent consultant.</p> <p>Paul's technical interest is particularly related to site investigations and safety case development, especially understanding natural features/processes that could influence repository safety. He has participated in international research programmes and was an original member of the independent International Advisory Group established for the ONKALO underground facility.</p>
Dr Margaret Beavis	<p>Affiliations Medical Association for Prevention of War</p> <p>Current Position & Organisation President, Medical Association for the Prevention of War</p>	<p>As a GP Dr Beavis has a strong interest in public health. She teaches Medical students and Masters of Public Health students at Melbourne University.</p> <p>Dr Beavis will address radiation exposure and cancer risks as well as human factors in the safety of international nuclear waste facilities.</p>
Dr Robert Hall (alternate for Professor Tilman Ruff)	<p>Affiliations Medical Association for the Prevention of War Public Health Association</p> <p>Current Position & Organisation South Australian Convener, Medical Association for the Prevention of War</p>	<p>Dr Robert Hall has worked in public health for over 30 years, at local, State, national and international levels. In the early 1980s he worked for 4 years in the Northern Territory in Aboriginal health, including at the Urapuntja Health Service at Utopia Station. Since then, he has worked in communicable disease control at the Commonwealth Department of Health. He was Director of Public Health in Victoria. He joined the School of Public Health and Preventive Medicine in 2007. Dr Hall has been a member of several National Health and Medical Research Council committees, including the Council. He is currently chair of the Technical Advisory Committee on Immunization and Vaccine Preventable Diseases for the Western Pacific Region of the WHO.</p>

Nuclear Citizens Jury 2: Witnesses confirmed for 29th October

<p>Dr Stephan Bayer (alternate for John Carlson)</p>	<p>Affiliations Australian Safeguards and Non-Proliferation Office, Department of Foreign Affairs and Trade</p> <p>Current Position & Organisation Director, Nuclear Security Section Australian Safeguards and Non-Proliferation Office Department of Foreign Affairs and Trade</p>	<p>Dr Bayer is responsible for the management of the regulation of nuclear security for nuclear material and facilities around Australia and for the transport of nuclear material. This includes the licencing of Australia's research reactor and uranium mines and management of the regulator's inspection program.</p> <p>Dr Bayer is Australia's representative to the International Atomic Energy Agency's Nuclear Security Guidance Committee. Dr Bayer also has experience in managing Australia's safeguards implementation and Australia's network of nuclear cooperation agreements.</p>
<p>Dr Tony Hooker (added by democracyCo from Fact Check queries)</p>	<p>Affiliations Fellow, Australasian Radiation Protection Society Member, Australasian College of Physical Scientists and Engineers in Medicine Member, Radiation Research Society (US) Executive Member, Asian and Oceanic Association for Radiation Protection</p> <p>Current Position & Organisation Principal Radiation Advisor, Radiation Health SA Environment Protection Agency</p>	<p>Dr Tony Hooker has a PhD in molecular biology and genetics in the area of radiation induced mutation and cancer. Prior to 2007, Tony was a Research Fellow at Flinders University.</p> <p>Since 2007, Tony has worked in the Radiation Protection Branch, SA EPA. He is currently Principal Radiation Advisor, Radiation Health which is responsible for the regulation of radiation apparatus used for scientific, industrial and medical purposes and provides advice to government and the public regarding the health effects of radiation.</p> <p>Tony is the Immediate Past President of the Australasian Radiation Protection Society, and holds academic positions at the University of Adelaide and Flinders University.</p>
<p>Dr Jim Green</p>	<p>Affiliations Friends of the Earth</p> <p>Current Position & Organisation</p>	<p>Dr Jim Green is the national nuclear campaigner with Friends of the Earth and editor of the Nuclear Monitor newsletter published by the World Information Service.</p> <p>He has an Honours degree in Public Health and a PhD in Science and Technology Studies for his thesis on the debates over the replacement of Australia's nuclear research reactor.</p> <p>Dr Green has worked extensively with Aboriginal communities fighting the imposition of unwanted uranium and nuclear projects on their lands. Key research interests include nuclear waste management, radiation and health, and Generation 4 reactor types.</p>

Safety 2: Riverbank Room 2

Witnesses	Relevant Affiliations / Current Position & Organisation (where given)	Short Bio
Dr John Loy (alternate for Carl-Magnus Larsson)	Affiliations None given Current Position & Organisation	<p>Dr John Loy is an experienced radiation and nuclear safety regulator.</p> <p>He was the inaugural CEO of the Australian Radiation Protection and Nuclear Safety Agency (ARPANSA) from 1999-2008, during which time he oversaw the regulation of the construction and initial operation of the OPAL research reactor at ANSTO and commenced the regulatory process for the Commonwealth low-level waste repository then proposed for SA.</p> <p>From 2008 to 2015, Dr Loy worked for the Federal Authority for Nuclear Regulation (FANR) in the United Arab Emirates. FANR regulates the UAE nuclear program, which is constructing 4 nuclear power reactors in Abu Dhabi emirate.</p>
Frank Boulton	Affiliations Australasian representative for the World Nuclear Transport Institute (WNTI) Current Position & Organisation Director, Class 7 International	<p>Frank Boulton has over 30 years' involvement with Olympic Dam, in the last 17 years having full responsibility for all aspects of global distribution and transport of uranium ore concentrates.</p> <p>He has worked closely with domestic and international regulators, transporters, carriers, ports and shipping terminals developing sustainable transport supply chain routes and has chaired the Uranium Council transport working group.</p> <p>Frank has been involved in the development of publications including: the Safe and Effective Transport of Uranium, Uranium Product Stewardship, Guide to Safe Transport of Uranium Ore Concentrate and best practice guideline and information documents with the World Nuclear Transport Institute.</p>

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<p>Dean Summers (alternate for Paddy Crumlin)</p>	<p>Affiliations International Transport Workers' Federation</p> <p>Current Position & Organisation National Coordinator for Australia International Transport Workers' Federation</p>	<p>Dean Summers is the International Transport Workers' Federation National Coordinator for Australia and a campaigner for seafarers' welfare and human rights.</p> <p>Dean was an elected official of the Seaman's Union in 1991 in Western Australia when in 2001 he was invited to move to Sydney to take up his current position.</p> <p>Dean is a board member of the Merchant Navy Awards Council, represents the Maritime Union of Australia and other transport unions at the Maritime Industry Security Consultative Committee and a member of the ITF Cruise Ship Task force.</p>
<p>Professor Andrew Herczeg</p>	<p>Affiliations American Geophysical Union International Association of GeoChemistry</p> <p>Current Position & Organisation Professor, School of the Environment, Flinders University of SA Director, Geochemical Solutions (www.geochemicalsolutions.com.au)</p>	<p>Professor Herczeg has 40 years' experience in research on large river and groundwater basins including the Great Artesian Basin.</p> <p>Relevant experience includes:</p> <ul style="list-style-type: none"> • Work on "Mobility of radionuclides in saline environments" for US Nuclear Regulatory Commission (1980-1985). • Alligator Rivers Analogue Project (with ANSTO). • 2 years at International Atomic Energy Agency (Water Resources Programme) <p>Professor Herczeg is able to provide information concerning deep groundwater systems and movement of radionuclides in natural aquatic systems.</p>
<p>Ian Hore-Lacy</p>	<p>Affiliations Senior Research Analyst, World Nuclear Association Fellow AusIMM</p> <p>Current Position & Organisation Senior Research Analyst World Nuclear Association</p>	<p>Ian Hore-Lacy is Senior Research Analyst with the World Nuclear Association, an international trade association based in London. His primary focus is on public information on nuclear power via the Web.</p> <p>He is author of <i>Nuclear Energy in the 21st Century</i>, 2012.</p> <p>He has visited spent fuel storage ponds at several nuclear power plants, both UK and French reprocessing plants, Sweden's CLAB central spent fuel storage and Aspo deep geological laboratory, been through Yucca Mountain intended repository in USA, and underground at the New Mexico Waste Isolation Pilot Plant. Also the initial excavation at Finland's Onkalo.</p>

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<p>Professor David Giles</p>	<p>Affiliations None given</p> <p>Current Position & Organisation Director, Centre for Mineral Exploration Undercover, University of Adelaide</p>	<p>Evolution of geologic processes over time and the structure and possible changes of South Australia's geology over time (from original witness list bio)</p>
<p>Dr Dirk Mallants (alternate for Dr Ian Chessell)</p>	<p>Affiliations Member of the Research Advisory Committee for the Goyder Institute for Water Research Chair of CSIRO Waite Campus Site Radiation Committee Former member of Australian Research Council College of Experts Peer reviewer of New Zealand's Freshwater Hydrological and Ecological Research Program (for the NZ Ministry of Science and Innovation) Peer reviewer for Czech Science Foundation Grant Review on Cement composite for radionuclide encasement. Former Head of Performance Assessments Unit, Belgian Nuclear Research Centre (SCK-CEN) Past Associate Editor for Journal of Environmental Quality, Agronomy Journal, Vadose Zone Journal, Journal of Hydrology and Hydrodynamics.</p> <p>Current Position & Organisation Senior Principal Research Scientist Water Resource Management Program CSIRO Land and Water Flagship</p>	<p>Dr Dirk Mallants has been involved with front- and back-end impact assessment studies for the nuclear fuel cycle in Europe (Belgium, Bulgaria, Hungary, Romania, Russia, Slovakia, Slovenia), Argentina, and Asia (China, Indonesia, Kyrgyzstan, Malaysia, The Philippines).</p> <p>He has provided technical expert advice to waste management agencies on site selection, safety assessment, and development of safety cases for surface and geologic repositories radioactive waste.</p> <p>Under the auspices of the International Atomic Energy Agency (IAEA), he has lectured many training courses on subsurface characterisation, site evaluation, and safety assessments for wastes associated with the nuclear fuel cycle including tailings from mining and milling.</p>
<p>Professor Sandy Steacy</p>	<p>Affiliations American Geophysical Union Seismological Society of America</p> <p>Current Position & Organisation Head of the School of Physical Sciences University of Adelaide</p>	<p>Professor Sandy Steacy is an earthquake scientist who specialises in seismic hazard, particularly in understanding how earthquakes trigger subsequent events. She was a member of the expert elicitation panel on future seismic hazard in the Canterbury region whose work informed the revised building codes in Christchurch, New Zealand.</p> <p>Professor Steacy has a broad interest and general expertise in natural hazards, including climate change. She is currently the Head of the School of Physical Sciences at The University of Adelaide.</p>

Trust: Hall J

Witnesses	Relevant Affiliations / Current Position & Organisation (where given)	Short Bio
Steve McIntosh	<p>Affiliations Australian Nuclear Science and Technology Organisation (ANSTO). International Nuclear Law Association.</p> <p>Current Position & Organisation Senior Manager, Government and International Affairs ANSTO</p>	<p>In the 1990s, Steve was posted to the Australian Embassy to the IAEA. He represented Australia in discussions on a wide range of nuclear issues, and assumed leadership roles in negotiations on nuclear liability and radioactive waste management.</p> <p>In early 2000, Steve joined ANSTO. During his time at ANSTO, he has also continued to lead negotiations at the IAEA on nuclear liability, safety and security of radioactive sources and security of nuclear facilities. He is the current chair of the IAEA International Expert Group on Nuclear Liability (INLEX).</p> <p>Steve is currently Senior Manager, Government and International Affairs at ANSTO.</p>
Hon. Mark Parnell, MLC	<p>Affiliations None given</p> <p>Current Position & Organisation Member of the Legislative Council Parliament of South Australia</p>	<p>Mark Parnell MLC has been Leader of the Greens in the SA Parliament since 2006. He is a lawyer, economist and planner by training and has worked most of his life for non-profit environment organisations. He has also taught environmental and public health law at all three SA universities.</p> <p>Mark has studied the nuclear industry over many years and driven the debate in State Parliament over nuclear waste, uranium mining, worker safety and environment protection. He is a member of the Parliamentary Committee reviewing the Nuclear Royal Commission Findings and has visited nuclear facilities in Finland, France and the US.</p>
Dr Benito Cao	<p>Affiliations The University of Adelaide Australian Institute of International Affairs</p> <p>Current Position & Organisation Lecturer in Politics, University of Adelaide</p>	<p>Dr Benito Cao is Lecturer in Politics at the University of Adelaide. He has teaching experience in a wide range of areas, including security studies, global politics and Australian politics. He has received numerous teaching awards and has published articles in the fields of identity politics, critical thinking, environmental politics and citizenship studies. He is the author of Environment and Citizenship (Routledge 2015). He can provide evidence and insights on the political dimension of the process, as well as into security implications, ethical considerations, consent issues, and the economic assumptions underpinning the proposal.</p>

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<p>Keith Baldry (added by democracyCo from Fact Check queries)</p>	<p>Affiliations South Australian Environment Protection Authority</p> <p>Current Position & Organisation Environmental and Radiation Regulator SA Environment Protection Authority</p>	<p>Keith Baldry has been an environmental and radiation regulator with the EPA since 2004. His responsibilities include regulation of uranium mining, and radiation use in medicine and industry.</p> <p>Keith has 26 years' experience in radiation safety. He worked on a wide range of projects in Australia and the UK, including uranium production, radioactive waste management, reactor decommissioning, and site remediation including the Maralinga weapons test site clean-up.</p> <p>He is former Chair of the national standard-setting ARPANSA Radiation Health Committee, and has worked with the International Atomic Energy Agency on a number of regulatory review missions.</p>
<p>Associate Professor Haydon Manning</p>	<p>Affiliations Australian Political Studies Association</p> <p>Current Position & Organisation Associate Professor, Department of Politics and Public Policy. Flinders University</p>	<p>For the past 20 years Associate Professor Manning has taught upper level students environmental politics and, for over 30 years, Australian politics, economic history and public policy. He aims to help students think in an open minded manner about politics and how our democracy works.</p> <p>Associate Professor Manning has published articles on voting behaviour, the politics of uranium mining and South Australian politics and policy debates. His research also is made public via constant political commentary in the media.</p> <p>Once opposed to the nuclear fuel cycle it was via preparing lectures in the late 1990s that Associate Professor Manning's views changed to take a different position.</p>
<p>Judy Hughes</p>	<p>Affiliations Employee of Attorney-General's Department</p> <p>Current Position & Organisation Assistant Crown Solicitor Public Law Section Crown Solicitor's Office Attorney-General's Department</p>	<p>Ms Hughes has worked as a lawyer for the South Australian Government for over 20 years. Most of that has been from within the Crown Solicitor's office, which provides legal services to Government Ministers and agencies. She was also Deputy Commissioner for Consumer Affairs for 5 years.</p> <p>Her day to day work entails advising on legislative processes. Ms Hughes assists Government (whichever party is in office) to make laws to implement their policies and advises on what laws mean. She anticipates being able to assist the Jury to understand the way laws interact and answer questions about how laws are made.</p> <p>She will talk about legal processes but it is not her role to give legal advice to the Jury.</p>

Economics: Riverbank Room 3

Witnesses	Relevant Affiliations / Current Position & Organisation (where given)	Short Bio
Dr Richard Denniss	<p>Affiliations None given</p> <p>Current Position & Organisation Chief Economist, The Australia Institute</p>	<p>An economist by training, Dr Richard Denniss has worked for the past 20 years in a variety of policy and political roles. He is an Adjunct Associate Professor at the Crawford School of Economics and Government at the Australian National University.</p> <p>He is known for his ability to translate economics issues into everyday language. Richard has published extensively in academic journals, has a fortnightly column in The Canberra Times and Australian Financial Review and was the co-author the best-selling <i>Affluenza</i> (with Dr Clive Hamilton). His latest book, <i>Econobabble</i>, was launched by Laura Tingle in February 2016.</p>
Professor Richard Blandy	<p>Affiliations Fellow, Academy of the Social Sciences in Australia. Member, No Dump Alliance.</p> <p>Current Position & Organisation Professor of Economics, Flinders University</p>	<p>Professor of Economics, Flinders University, University of Melbourne, and University of South Australia.</p> <p>Weekly Contributor, <i>InDaily</i> (Adelaide on-line newspaper) – 3 articles on proposed high level nuclear dump.</p>
Emeritus Professor Barbara Pocock	<p>Affiliations Member of Mothers for A Sustainable South Australia (MOSSA)</p> <p>Current Position & Organisation</p>	<p>Professor Pocock is an economist employed by the Reserve Bank of Australia, NSW Government, the University of Adelaide and UniSA. She founded and led the Centre for Work + Life 2006-2014. Member of Economic Development Board of SA 2012-16, The Australia Institute Board member (2002-). Conducted research on employment for over 35 years and advised many governments. An invited expert to China, US, UK, Canada and Japan. Fellow of the Academy of Social Sciences. Member of the Order of Australia (AM) for services to industrial relations and social justice. Mother of two.</p>

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<p>Dr Mark Diesendorf (via Skype)</p>	<p>Affiliations None given</p> <p>Current Position & Organisation Honorary Associate Professor in Interdisciplinary Environmental Studies at UNSW</p>	<p>Dr Mark Diesendorf is former Principal Research Scientist in CSIRO.</p> <p>Dr Diesendorf was formerly Professor of Environmental Science and Founding Director of the Institute for Sustainable Futures at University of Technology Sydney and former Director of Sustainability Centre Pty Ltd.</p> <p>His principal research, teaching and consulting expertise is in ecologically sustainable development, energy technology assessment (especially renewable energy & nuclear energy) and energy policy.</p> <p>Dr Diesendorf is the author of several books, including “Sustainable Energy Solutions for Climate Change” (Routledge-Earthscan 2014).</p>
<p>Dr Tim Johnson (added by democracyCo from Fact Check queries)</p>	<p>Affiliations Fellow Australian Institute of Energy Member Energy Institute (UK)</p> <p>Current Position & Organisation Project Manager/Consultant, Jacobs Engineering</p>	<p>Dr Tim Johnson has over 40 years’ experience in the electricity industry, including nuclear and other technologies. He worked as a scientist then an engineer for the UK Central Electricity Generating Board before becoming a consultant in 1998.</p> <p>Tim has undertaken many technical assignments in Australia and internationally and acted as a peer reviewer, project director and project manager.</p> <p>Dr Johnson relocated to Australia with SKM (now Jacobs) in 2012. He was the project manager for Jacobs’ work on the cost analysis and business case for international nuclear waste disposal in SA, and on transport risks. He was the lead author of the business case chapter of the main Nuclear Fuel Cycle Royal Commission report.</p>

Consent: Riverbank Room 4

Witnesses	Relevant Affiliations / Current Position & Organisation (where given)	Short Bio
Dan Spencer	Affiliations Australian Youth Climate Coalition Repower Port Augusta Current Position & Organisation	Dan Spencer is a campaigner with the Australian Youth Climate Coalition. For the last five years Dan has worked with the Port Augusta community campaigning for a solar thermal plant to be built in Port Augusta.
Dr Gérald Ouzounian	Affiliations ANDRA French National Radioactive Waste Management Agency member of the NEA/OECD/RWMC bureau and of the Waste Technology Committee (WATEC) of the IAEA Current Position & Organisation Director, International Affairs, ANDRA	Dr Ouzounian has a PhD in Physics and Earth Sciences. He has been with the Scientific Department in ANDRA for 16 years as deputy director and has prepared and implemented all studies for used nuclear fuel and high-level waste management, including strategic studies and scientific and technical assessment of the different options. Dr Ouzounian was also in charge of the modelling policy and of its implementation in ANDRA, in support to safety assessment. Other experiences include: developing the Paris Basin geothermal field; director of Energy and the Environment for the Paris Region, with challenges in locating wind farms and waste collecting and processing plants.
Ross Womersley	Affiliations Registered Psychologist Current Position & Organisation CEO South Australian Council of Social Service	Ross is CEO of (SACOSS) the leading peak body for the non-government health & community services sector. Ross hopes that through his organisation's (and his small team's) advocacy and representation, SACOSS is a powerful and representative voice that leads our community to take action which addresses poverty, inequity, or injustice. Ross has spent many years working alongside the least powerful in our community. He is passionate about ensuring people who are disadvantaged are welcomed at the heart of our communities and have real opportunities to exercise control over their own lives. He is deeply interested in change, participation and belonging.

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<p>Dr Simon Longstaff</p>	<p>Affiliations Fellow of CPA Australia</p> <p>Current Position & Organisation Executive Director The Ethics Centre</p>	<p>Dr Simon Longstaff began his working life on Groote Eylandt (Anindilyakwa) in the Northern Territory where he worked in the Safety Department of the then BHP subsidiary, GEMCO. Following a period studying law in Sydney and a brief career teaching in Tasmania, Simon undertook postgraduate studies in philosophy as a Member of Magdalene College, Cambridge.</p> <p>Simon commenced his work as the first Executive Director of The Ethics Centre in 1991. He is a Fellow of CPA Australia and in June 2016 was appointed an Honorary Professor at the Australian National University, based at the National Centre for Indigenous Studies.</p>
<p>Cathy O’Loughlin (alternate for Gill McFadyen)</p>	<p>Affiliations Board Member of Seeds of Affinity</p> <p>Current Position & Organisation Results Based Accountability Project Officer Community Centres SA</p>	<p>Cathy O’Loughlin has over 20 years’ experience in Community Development across both government and non-government organisations working with all age groups. She is passionate about engaging with community to achieve visible and positive outcomes. Cathy has been responsible for major projects and has worked in positions of management and leadership.</p> <p>She can share the following with the jury:</p> <ul style="list-style-type: none"> • Community engagement • Community empowerment • Working with diverse community and cultural groups • Community Voice.
<p>Dave Sweeney</p>	<p>Affiliations Committee member - Australian Nuclear Free Alliance Recent member of Department of Industry Independent Advisory Panel on the national radioactive waste management project</p> <p>Current Position & Organisation National nuclear free campaigner – Australian Conservation Foundation</p>	<p>Dave Sweeney has extensive involvement in monitoring and engaging in the nuclear industry in Australia and overseas for 25 years through being active in civil society groups.</p> <p>He has worked with corporate and government decision makers, affected communities, Indigenous landowners, trade unions and a broad range of stakeholders in the areas of the social, cultural and environmental impacts of mining, radioactive waste management, landscape rehabilitation and sustainable economic transition.</p> <p>His experience has highlighted the importance of community agency and inclusion and the essential pre-condition of free, prior and informed consent.</p>