

JOHN CARLSON

CURRENT POSITION

Counselor, Nuclear Threat Initiative (NTI), Washington

Consultant

EDUCATION

Bachelor of Laws (LL.B), 1970, University of Sydney

- law with public law and jurisprudence specialization

Post-Graduate Diploma in Jurisprudence (Dip. Jur.), 1971, University of Sydney

- international law and modern logic

BOOKS

Multinational Approaches to the Nuclear Fuel Cycle, chapter in the “Routledge Handbook of Nuclear Proliferation and Policy”, 2015

Assessing and Minimising Proliferation Risk, chapter in “The Limits of Secure Nuclear Tolerance”, International Luxembourg Forum, 2014,

www.luxembourgforum.org/eng/Forums_Library/items/Book%20by%20VVK%202014_eng.pdf

Experience and challenges in WMD treaty verification: a comparative view, chapter in “Verifying Treaty Compliance”, ed. R.Avenhaus et al, Springer, Berlin, 2006

Verifying Baseline Declarations of Nuclear Warheads and Materials (co-author), NTI, July 2014,

www.nti.org/analysis/reports/innovating-verification-verifying-baseline-declarations-nuclear-warheads-and-materials/

(SELECT) ADDITIONAL PUBLICATIONS

Non-proliferation

Challenges and Opportunities for Extending NPT-Related Commitments to the Non-NPT States, APLN/CNND Policy Brief No. 15, September 2014, www.a-pln.org/content/policy-brief-no-15-challenges-and-opportunities-extending-npt-related-commitments-non-npt

Safeguards and verification

Expanding Safeguards in Nuclear-Weapon States, NTI, September 2011, www.nti.org/media/pdfs/NWS_safeguards_carlson_fin.pdf?_id=1337718775

Possible Future Regional Safeguards Arrangements, Institute of Nuclear Materials Management (INMM) Annual Meeting, Palm Desert, California, 17-21 July 2011.

Is the Additional Protocol ‘Optional’?, “Trust and Verify”, VERTIC, January-March 2011, Issue no. 132, pages 6-9, www.nti.org/analysis/articles/additional-protocol-optional.

Key Nuclear Verification Priorities – Safeguards and Beyond, IAEA Safeguards Symposium, Vienna, 1-5 November 2010, www.iaea.org/safeguards/Symposium/2010/Documents/AbstractsRepository/002.pdf.

New Verification Challenges, ICNND Research Paper, http://icnnd.org/Documents/Carlson_Verification_090604.doc; also see “Journal of Nuclear Materials Management”, Summer 2009, Volume XXXVII, No.4, www.dfat.gov.au/asno/publications/new-verification-challenges.html.

Withdrawal from the NPT: Consequences for IAEA Safeguards, ICNND Research Paper No.8, 5 June 2009, http://icnnd.org/Documents/Carlson_NPT_Withdrawal.pdf.

NPT Safeguards Agreements – Defining Non-compliance, “Arms Control Today”, May 2009, www.armscontrol.org/act/2009_5/Carlson.

IAEA Safeguards Additional Protocol, ICNND Research Paper, 20 January 2009, icnnd.org/Documents/IAEA_Additional_Protocol.doc

Safeguards in a Changing Environment, INMM Annual Meeting, Nashville, 13-17 July 2008, www.dfat.gov.au/asno/publications/safeguards_changing_env.html.

Defining the Safeguards Mission, IAEA Safeguards Symposium, Vienna, 16-20 October 2006 www.dfat.gov.au/asno/publications/2006_symposium_mission.pdf.

Nuclear Weaponisation Activities: What is the Role of IAEA Safeguards? (co-authors R Leslie and A Berriman), INMM Annual Meeting, Nashville, Tennessee, 16-20 July 2006, www.dfat.gov.au/asno/publications/weaponisation_inmm072006.pdf.

Detection of Undeclared Nuclear Activities: Does the IAEA have the Necessary Capabilities? (co-authors R Leslie and A Berriman), INMM Annual Meeting, Nashville, Tennessee, 16-20 July 2006, www.dfat.gov.au/asno/.../inmm2006_detection_of_undeclared.pdf.

The Role of Bilateral Nuclear Safeguards Agreements, “Trust and Verify”, VERTIC, October 2005-February 2006, Issue no. 122, pages 1-4, www.vertic.org/media/assets/TV122.pdf.

Special Inspections Revisited, INMM Annual Meeting, Phoenix, Arizona, 10-14 July 2005, www.dfat.gov.au/asno/publications/inmm2005_special_inspections.pdf.

Safeguards Intensity as a Function of Safeguards Status, INMM Annual Meeting, Phoenix, Arizona, 10-14 July 2005, www.dfat.gov.au/asno/publications/inmm2005_safeguards_intensity.pdf.

FMCT

Fissile Material Cut-off Treaty – a Discussion, ICNND Research Paper No. 3, 6 July 2009, http://icnnd.org/Documents/Carlson_FMCT-090706.pdf.

Can a Fissile Material Cut-Off Treaty be Effectively Verified?, “Arms Control Today”, January/February 2005, pages 25-9, www.armscontrol.org/act/2005_01-02/Carlson.

Country-specific

Nonproliferation Benefits of India Deal Remain Elusive, “Arms Control Today”, June 2015, pages 33-6, www.armscontrol.org/ACT/2015_06/Features/Nonproliferation-Benefits-of-India-Deal-Remain-Elusive

Iran nuclear deal: Some longer-term issues, “Lowy Interpreter”, 14 April, 2015, www.lowyinterpreter.org/post/2015/04/14/Iran-nuclear-deal-Some-longer-term-issues.aspx

How India can support the CTBT before signing (co-author Ramesh Thakur), “The Japan Times”, 9 April 2015, www.japantimes.co.jp/opinion/2015/04/08/commentary/world-commentary/india-can-support-ctbt-signing

The DPRK and Iranian Nuclear Challenges, “Vestniki Analitiki”, Institute of Strategic Studies and Analysis (ISSA), Moscow, issue number 52 (2-2013), 10 June 2013.

Iran Nuclear Issue – Considerations for a Negotiated Outcome, ISIS, 4 November 2011, www.isisnucleariran.org/assets/.../Carlson_Iran_deal_4November2011.pdf.

Nuclear governance

An Asia-Pacific Nuclear Energy Community, APLN/CNND Policy Brief No. 4, June 2013, <http://a-pln.org/wordpress/wp-content/uploads/2011/03/Policy-Brief-No.-4-An-Asia-Pacific-Nuclear-Energy-Community.pdf>.

Improving Nuclear Security Governance in the Asia-Pacific, APLN/CNND Policy Brief No. 5, June 2013, <http://a-pln.org/wordpress/wp-content/uploads/2011/03/Policy-Brief-No.-5-Improving-Nuclear-Security-Governance-in-the-Asia-Pacific.pdf>.

The Legal Framework Regulating Nuclear Weapons, “International Humanitarian Law”, Australian Red Cross, Issue 2, 2011, pp 4-6, <http://www.redcross.org.au/files/IHLnuclear.pdf>.

Effective Regulation of Uranium Production and Exports with regard to International Obligations, Danish Institute for International Studies, 2015, <http://www.diis.dk/en/node/4798>

VISITING POSITIONS, FELLOWSHIPS

Nonresident Fellow, Lowy Institute for International Policy, Sydney

Member, Advisory Council of the International Luxembourg Forum

Adviser, Asia-Pacific Leadership Network on Non-Proliferation and Disarmament

Member, VERTIC International Verification Consultants Network

Member, Expert Advisory Committee, Nuclear Fuel Cycle Royal Commission, South Australia

(SELECT) INVITED TALKS AND CONFERENCE PAPERS

For Institute of Nuclear Materials Management and IAEA papers see above.

Towards a New Global Order for the Nuclear Fuel Cycle, Conference on Re-assessing the Global Nuclear Order, RMIT/MIT, Melbourne, 8-10 January 2015. http://belfercenter.org/files/JohnCarlson_2015_NuclearFuelCycle.pdf

The ‘Prague Agenda’ and Nuclear Energy, presentation at the Australian Embassy, Washington DC, USA, 13 November 2012, as part of the Australian Ambassador’s 2012 Speaker Series, <http://lowyinstitute.org/publications/prague-agenda-and-nuclear-energy>.

A New International Framework for Nuclear Energy, 13th PIIC Seminar on International Security, Beijing, 31 October – 3 November 2012

After Fukushima: Implications for Nuclear 3S (Safeguards, Safety and Security), presentation to the Asan Institute’s conference, “Nuclear Crisis in Northeast Asia”, Seoul, 1 November 2011, <http://lowyinstitute.org/publications/after-fukushima-implications-nuclear-3s-safeguards-safety-and-security>.

Nuclear Energy post Fukushima: Nuclear Governance for the 21st Century, United Nations Institute for Disarmament Research (UNIDIR), New York, 13 October 2011

Nuclear Power for Australia – an Outline of the Key Issues, Joint Meeting of Australian Institute of Physics and Australian Nuclear Science and Technology Association (ANSTO), Lucas Heights, 17 May 2011

Nuclear Energy post Fukushima: Nuclear Governance for the 21st Century, ANSTO’s Distinguished Lecture Series, Lucas Heights, 17 May 2011

Challenges to the Nuclear Non-Proliferation Regime and Implications for Nuclear Disarmament, presentation to representatives of UN Missions, Australian Mission, New York, 8 September 2008, www.dfat.gov.au/asno/publications/challenges.html.

Challenges to the Nuclear Non-Proliferation Regime: Can the Regime Survive? An Australian Perspective, Carnegie Center, Moscow, 29 May 2007

COURSES TAUGHT

Australian National University, Canberra – Weapons of Mass Destruction and Australia's National Interests

(SELECT) PREVIOUS POSITIONS

1964 to 2010 – Australian Government Service

1976 – appointed to Senior Executive Service – initially in energy and petroleum policy, since 1980 in nuclear policy

1989 to 2010 – Director-General, Australian Safeguards and Non-proliferation Office
(Commission-level position, appointment by Head of State)

Concurrently with above appointment –

1989 to 2010 – Alternate Governor, IAEA Board of Governors

2001 to 2006 – Chair, IAEA Standing Advisory Group on Safeguards Implementation (SAGSI)
(appointment by IAEA Director General)

2008 to 2009 – Member of the Advisory Board of the International Commission on Nuclear Non-Proliferation and Disarmament

2009 to 2012 – Founding Chair, Asia-Pacific Safeguards Network

2010 – Australian Sherpa, Nuclear Security Summit, Washington.

SERVICE TO THE FIELD AND PROFESSIONAL AFFILIATIONS

Distinguished Service Award, Institute of Nuclear Materials Management (INMM)

Fellow, INMM

Appointed Member of the Order of Australia (A.M.) (national honour), 2012, “for service to public administration, particularly in the areas of nuclear non-proliferation and disarmament, and to the development of international safeguards policy.”

LANGUAGES

English: native.

REFERENCES

Available upon request.