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Dr Yusuke Kuno had worked for the Tokai Reprocessing Plant of the Power Reactor and Nuclear Fuel Development Corporation (PNC) for 20 years, particularly in the area of development of Safeguards verification measurement techniques and accountancy analysis, in cooperation with LANL, LLNL, ORNL and IAEA. He was dispatched to Harwell Laboratory and Dounreay Nuclear Power Development Establishment of UKAEA as a researcher in 1986/87. He headed the Analytical Laboratory of the Tokai Reprocessing Plant from 1993 to 1999 as General Manager.

He was appointed the Head of Safeguards Analytical Laboratory (SAL) of the IAEA in Seibersdorf Austria in 1999, and had led the IAEA laboratory staff members in nuclear verification measurement and environmental sampling program of Safeguards for seven years, including the verification activities of Iraq and Iran issues.

His present position is Deputy Director and Prime Scientist, Nuclear Nonproliferation Science and Technology Center (NPSTC) of the Japan Atomic Energy Agency (JAEA) that promotes development of Safeguards and other non-proliferation technologies, such as proliferation resistance and transparency for future nuclear fuel cycle. He is also Professor, Nuclear Non-Proliferation Research Laboratory of the Department of Nuclear Engineering and Management, the Graduate School of the University of Tokyo. He is the vice chairman of the Committee on Nuclear Non-Proliferation, Safeguards and Security, Atomic Energy Society of Japan. (Member of INMM)

He received PhD in nuclear chemistry from the University of Tokyo.