

Site Level Integrated Safeguards Approach Applied for First Time Worldwide at JAEA's Tokai R&D Center

Starting on August 1, the six nuclear fuel cycle-related facilities of the Tokai Research and Development Center of the Japan Atomic Energy Agency (JAEA) became the first such facilities in the world to implement the application of the "Site Level Integrated Safeguards Approach" of the International Atomic Energy Agency (IAEA).

Through random inspections, remote monitoring (surveillance) technology, and the frequent furnishing of facility information, the new system allows for a significant reduction in the number of tasks related to inspection, while retaining the effectiveness of the traditional safeguard regime.

IAEA's integrated safeguards approach combines all the usable safeguards methods in the most appropriate fashion, aiming at maximizing the effectiveness and efficiency of their implementation. It can only be carried out in those countries that have been determined not to be holding any undeclared (nuclear-related) materials or carrying out any undeclared activities.

Editor: Mio Kimuro, JAIF