

## NRA's Challenge toward Risk-informed Oversight Process

Nuclear Regulation Authority (NRA) of Japan prepared a bill to reform nuclear regulations: clearly defines licensees' safety responsibilities, and establishes new inspection program which can flexibly set inspection areas and contents according to the importance of safety, that is, the magnitude of risk, covering every safety activity by licensees. These correspond to recommendations and suggestions from the Integrated Regulatory Review Service (IRRS) of IAEA.

Thinking of new inspection program, the U. S. Nuclear Regulatory Commission's Reactor Oversight Process is a model for our challenge, and "performance-base" and "risk-informed" are two key basic and inevitable concepts.

In order to build a practical program, currently the NRA works intensively to delineate detailed oversight process so as to enact this new inspection program in 2020. More specifically, this effort includes improving the method to utilize risk information such as PRA results and other information together with plant performance information (i.e. Performance Indicators), in assessment of inspection results, describing scope of inspection and its implementation process, and decision-making process responding to legal violations.

The NRA continues substantial efforts to fully operate risk-informed oversight process in the spring of 2020, through consideration of detailed design of program, issuing legal documents and guides, carrying out trial program under collaboration with licensees.



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### (Biographical information)

Mr. Shuichi Kaneko joined the Ministry of International Trade and Industry in 1990, after receiving Master of Engineering from the Tokyo Institute of Technology. He also obtained Master of Community and Regional Planning degree from the Oregon University in the US, and experienced planning and operating policies in various fields, including industrial R&D promotion, economic promotion in local communities, human resource management, and nuclear safety. After leading the amendment of nuclear related regulation laws in early this year, he continues to prepare for the new nuclear oversight program in the Nuclear Regulation Authority (NRA).