

NRA presentation

A Responsibility and functions of the government

Coordination of different authorities with responsibilities for safety within the regulatory framework for safety

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Nuclear Regulation Authority JAPAN

IAEA Regulatory Review Mission on ALPS Treated Water Handling 21 March 2022

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1. Responsibility and Function of the NRA

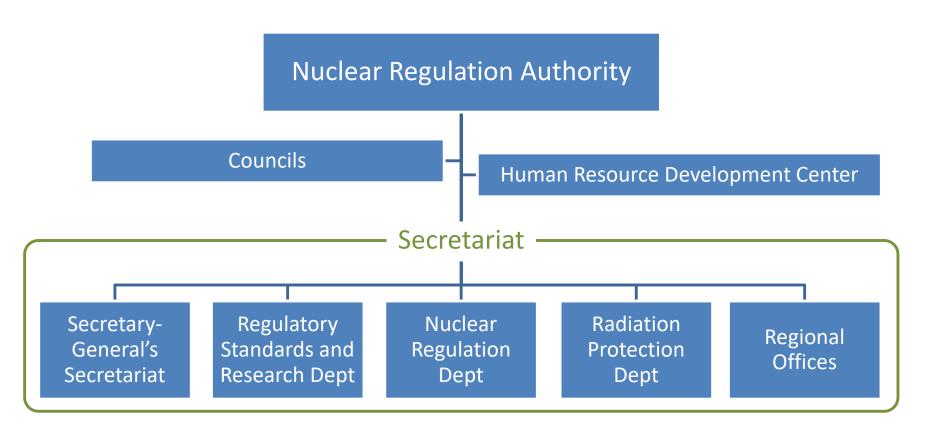


Nuclear Regulation Authority JAPAN

- Established in September 2012
- Independent Agency established under the MOE
- Chairman and 4 Commissioners appointed by the Prime Minister with approval of the Diet
- Approximately 1000 secretariat staff
- High degree of independence and transparency
- Specialized in regulation
- Safety, security and safeguards



Organizational Structure



Technical Support Organizations

Japan Atomic Energy Agency (JAEA)

National Institute for Quantum and Radiological Science and Technology (QST)



Openness and Transparency

- Open deliberation
 - Meetings open to the public and live-streamed
 - Materials and minutes on the NRA website
- Press conference/briefing
 - Held weekly by Chairman, twice a week by the Secretariat
 - Live-streamed
- Public comments
 - Sought before making important decisions



Online Streaming Video

NRA Commission Meeting



Chairman's press conference



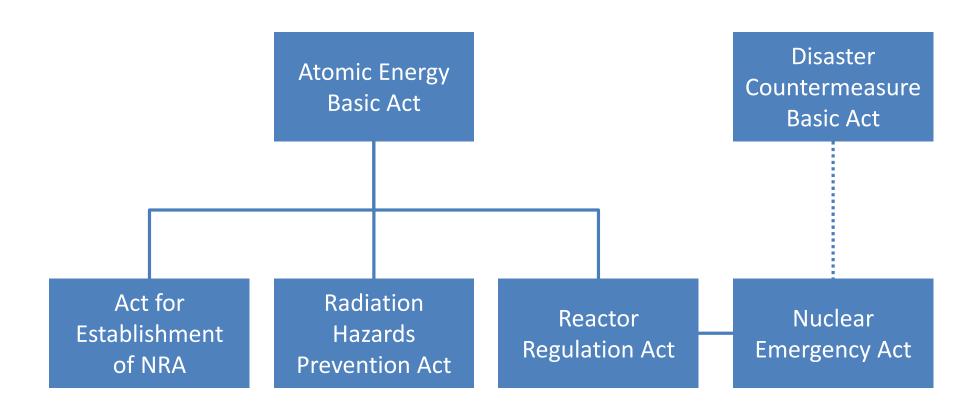


Stakeholder Communication

- Licensees' executives
 - Exchange views about the continuous improvement of nuclear safety
 - Discuss the improvement of regulations
- Local municipalities
 - Explain the results of Conformity Review
 - Communicate on emergency preparedness and response



Legal Structure



1. Responsibility and Function of the NRA



Regulatory System

Atomic Energy Basic Act Reactor Regulation Act **Cabinet Order** → Functional requirements NRA Ordinance Regulatory Guide → Acceptable examples Guides **Technical Document**



2. Coordination of different authorities on ALPS treated water discharge





Decision-making for handling of ALPS treated water

At the Government level

Inter-Ministerial Council for Contaminated Water, Treated Water and Decommissioning Issues

Government Basic Policy Decision was made in April 2021.

- •A method of discharge that minimizes adverse impacts → METI, MAFF, NRA
- •Strengthen and enhance marine monitoring → MOE, NRA, MAFF, Other
- •Increase public understanding to minimize adverse impacts on reputation → Relevant 8 Ministries
- Measures to respond to reputational damage in case of occurrence → MEXT, METI ...etc.

Nuclear safety on site

NRA **Source monitoring...**

Occupational radiation protection (cf. C4)
NRA

Ministry of Health, Labor and Welfare (MHLW)

Monitoring off site

Comprehensive Radiation Monitoring Plan

Relevant Ministries including NRA, local government and the operator

Measures to mitigate societal impact

Relevant Ministries

The NRA explains about the progress as well as result of the review to the local stakeholders.





• The Inter-Ministerial Council for Contaminated Water, Treated Water and Decommissioning Issues was established in September 2013 to tackle issues associated with decommissioning and contaminated water as the whole Government rather than counting solely on the operator.

Chair : Chief Cabinet Secretariat

Vice chair : Minister of METI

Member : Relevant Ministers

 The NRA Chairman was also invited as a top of the regulator to provide advice from the scientific and technical standpoints, but not to participate in the decision making.

 The Government Basic Policy on the decision to discharge ALPS treated water into the sea was established in April 2021 at this Council.