



Towards the Enhancement of Nuclear Safety

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Chairman

Nuclear Regulation Authority(NRA)





Independence

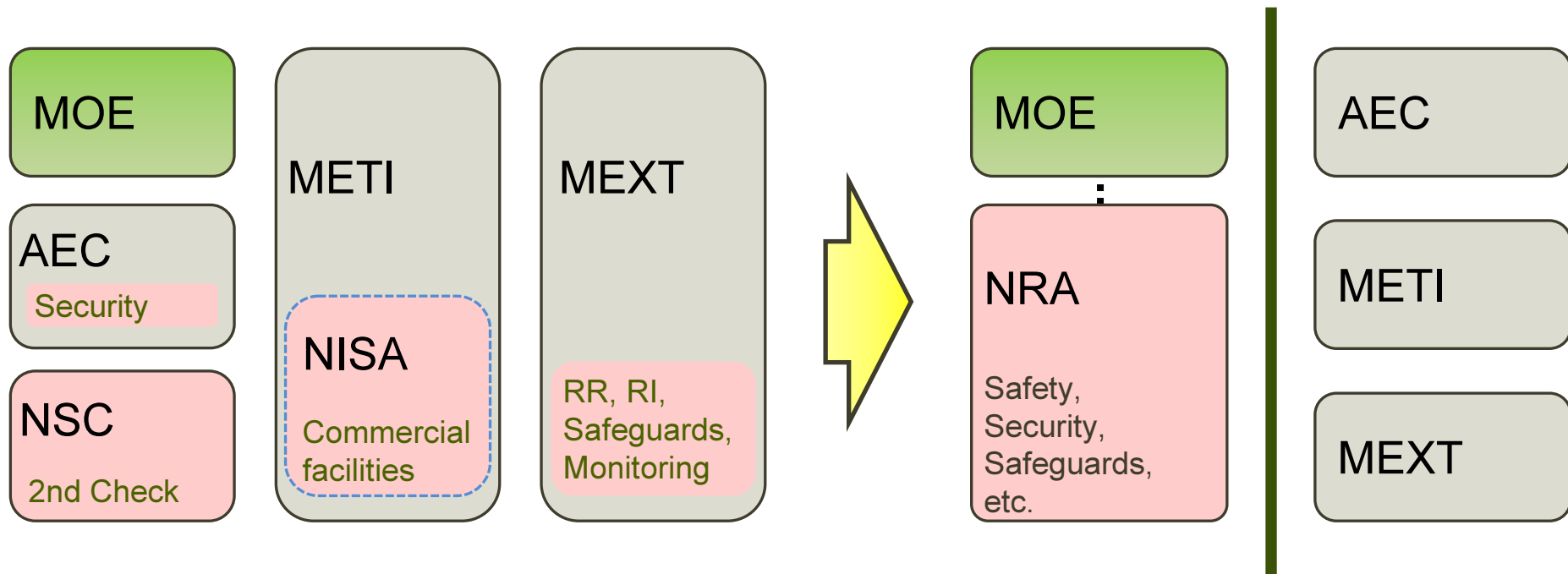
= Separate the functions for nuclear regulation and nuclear promotion.

Establish the Nuclear Regulation Authority (NRA) as an independent regulatory body.

Integration

= Integrate nuclear regulation functions regarding safety, security, safeguards, radiation monitoring and radioisotopes regulation into the NRA.

Independent and Integrated



- AEC : Atomic Energy Commission
- METI : Ministry of Economy, Trade and Industry
- MEXT : Ministry of Education, Culture, Sports, Science and Technology
- MOE : Ministry of the Environment
- NISA : Nuclear and Industrial Safety Agency (abolished)
- NSC : Nuclear Safety Commission (abolished)

Nuclear Regulation Authority



Commissioner,
Kayoko Nakamura



Commissioner,
Kunihiko Shimazaki



Chairman,
Shunichi Tanaka



Commissioner,
Toyoshi Fuketa



Commissioner,
Kenzo Oshima

The Secretariat of the NRA
(About 500 staffs)

JNES

JAEA

NIRS

Transparency



- NRA meetings are open to the public (streamed live on the Internet).
- Meeting records with licensees are open to the public.
- Criteria for appointing outside experts
- Three press conferences are held each week.







TEPCO Fukushima Daiichi Nuclear Power Station

- Specification as Disaster-experienced Nuclear Power Plant (Nov. 7)
Ensuring safety of the decommissioning of reactors
- Continuing investigation of the accident cause
Full cooperation for IAEA report
- Experts groups on radiation emergency
administration
To recommend measures to control
radiation pollution and reduce
long-term anxiety to human health.





New Safety Standards for Nuclear Power Plants

To be established by
July next year

- New regulation on severe accidents
Legally-requested measures to prevent and to mitigate severe accidents.
- Develop new regulatory standards and apply to existing nuclear facilities (backfitting).
- 40-years operational limit for NPPs
- Legally define the limit to 40 years.
- NRA can permit a less-than-20-years extension.



New Safety Standards for Nuclear Power Plants

To be established by July next year

- Safety measures against external event risks, including earthquakes, tsunamis, tornados, fires and terrorist attacks
- Establishing new standards for Earthquake and Tsunami in particular



Emergency preparedness and response in off-site areas

- Nuclear emergency preparedness guidelines were developed (Oct. 31). Expanded evacuation preparing zone; area about within 5km radius designated as PAZ and area about within 30km radius as UPZ.
- Study on EAL and underway by experts' group.

→ Reflecting the Nuclear emergency preparedness guidelines in the emergency preparedness plans in supporting with local governments (by March 2013)



Field Surveys of Fracture Zones

- Started additional field surveys at three NPP sites (Oi, Tsuruga and Higashidori)
- NRA organized experts' team to conduct field surveys.





International collaborations in the field of Nuclear Safety Regulation

- International collaborations with IAEA, OECD/NEA, and other countries.
- Sharing of cutting-edge knowledge in the field of nuclear safety regulation
- Nuclear security
- Nuclear safeguards
- Development of human resources



We just began to move forward steadily.