

Toward the New Nuclear Regulation

- New Nuclear Regulatory Organisation
- Discussion on basic direction of safety regulation on severe accidents

Hiroshi YAMAGATA

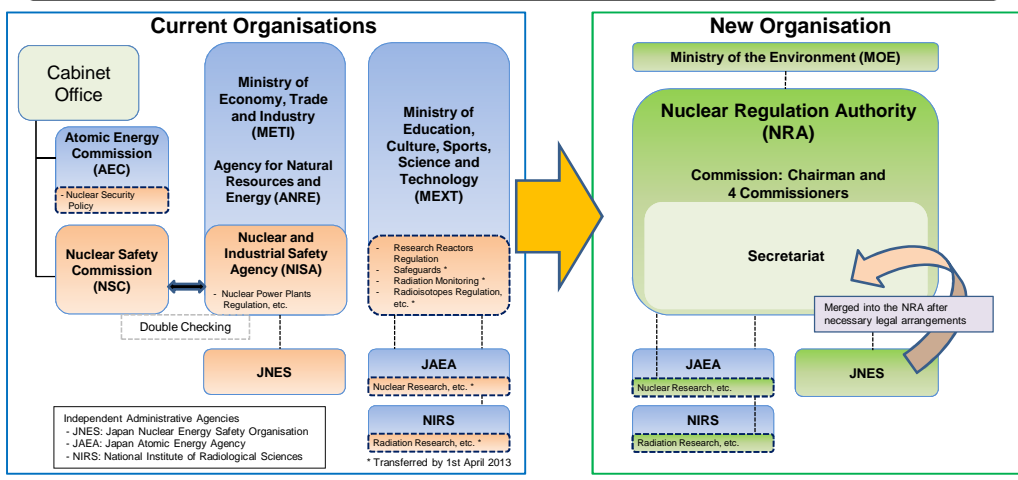
Director for Safety Standard

Nuclear and Industrial Safety Agency (NISA)
Japanese Government

Side Event by Government of Japan
at 56th IAEA General Conference, Sep 17, 2012

New Nuclear Regulatory Organization

- **Independence:** Separate nuclear regulation function and nuclear promotion function and establish the “Nuclear Regulation Authority (NRA)”, as an independent commission body affiliated to the MOE. Chairman and Commissioners are appointed by the Prime Minister after the approval of the National Diet.
- **Integration:** Integrate nuclear regulation functions, namely, nuclear safety, security, safeguards, radiation monitoring and radioisotopes regulation, into the NRA.
- **Crisis Management:** Establish “Nuclear Emergency Preparedness Commission (NEPC)” in a cabinet and implement nuclear emergency prevention measures in close cooperation with relevant organisations.



The New Commission

- Prime Minister Noda decided he would appoint chairman and four commissioners on September 19th.
- They will assume their duties on the same day.

Chairman-to-be



Tanaka Shunichi

Commissioners-to-be



Oshima Kenzo



Shimazaki Kunihiko



Nakamura Kayoko



Fuketa Toyoshi

New Nuclear Safety Regulation

Amendment to the Nuclear Regulation Act

- (1) New regulation against severe accidents
 - Legally request severe accident measures to the licensees.
- (2) Regulation system based on the latest scientific / technical knowledge
 - Apply new technical standards to existing licensed nuclear facilities as a legal obligation (back-fitting).
- (3) 40-years operational limit for NPPs
 - Legally set the limit for NPP's operation to 40 years. However the NRA can give permission to extend operational limit (not longer than 20 years) only once.
- (4) Special safety regulation for disaster-experienced NPPs
 - e.g. Fukushima Dai-ich NPP

Amendment to the Nuclear Emergency Act

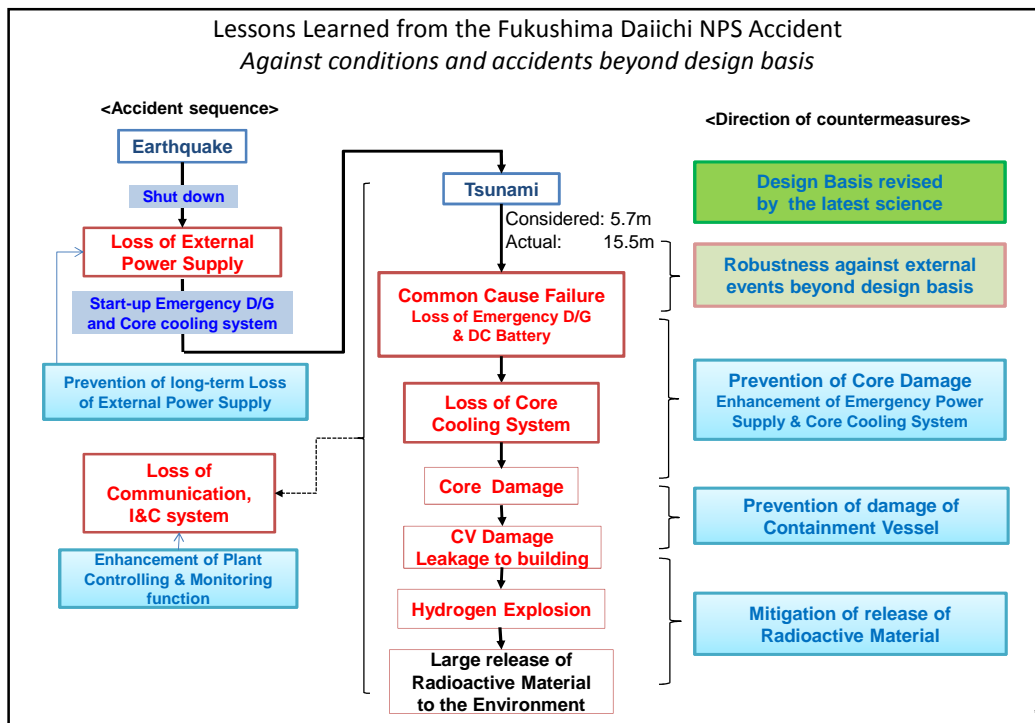
- (1) Provision of the guidance for nuclear emergency preparedness
- (2) Strengthening nuclear operator disaster prevention drills
- (3) Reinforcing the Nuclear Emergency Response Headquarters
- (4) Facilitation of post-accident countermeasures
- (5) Clarification of mandate of the Prime Minister at nuclear emergency

Discussion on basic direction of safety regulation on severe accidents in nuclear power plants

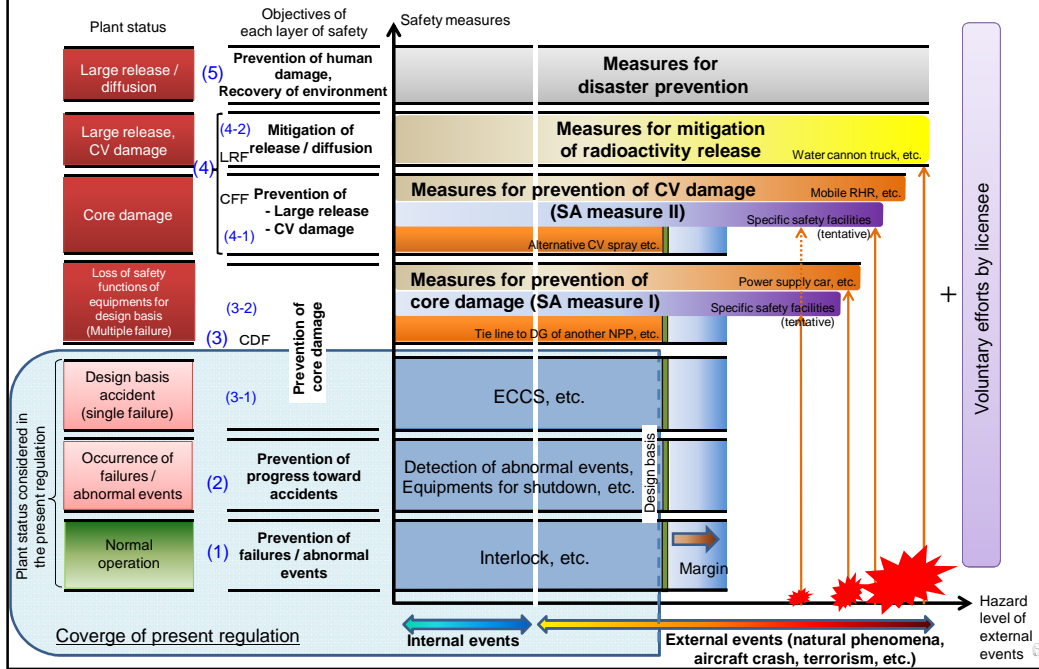
by

Nuclear and Industrial Safety Agency (NISA)

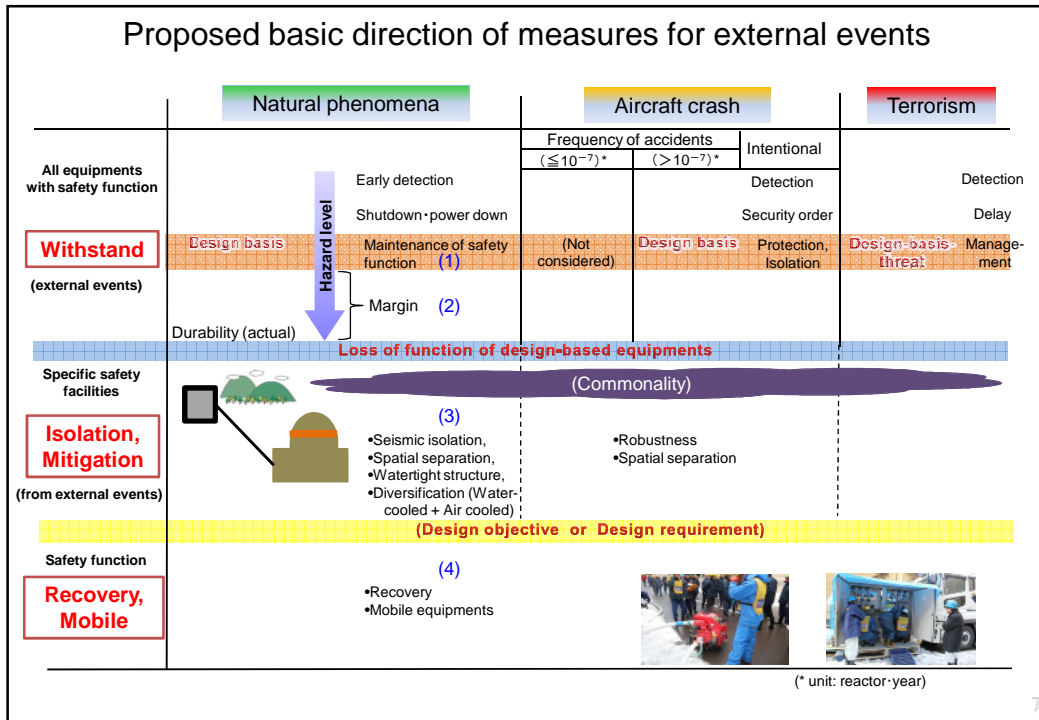
Note: The report summarising the discussion on basic direction of safety regulation on severe accidents in nuclear power plants by NISA was reported to the Nuclear Safety Commission on August 27, 2012. NISA will carry it on into the new Nuclear Regulatory Authority and hope it could contribute their discussion.



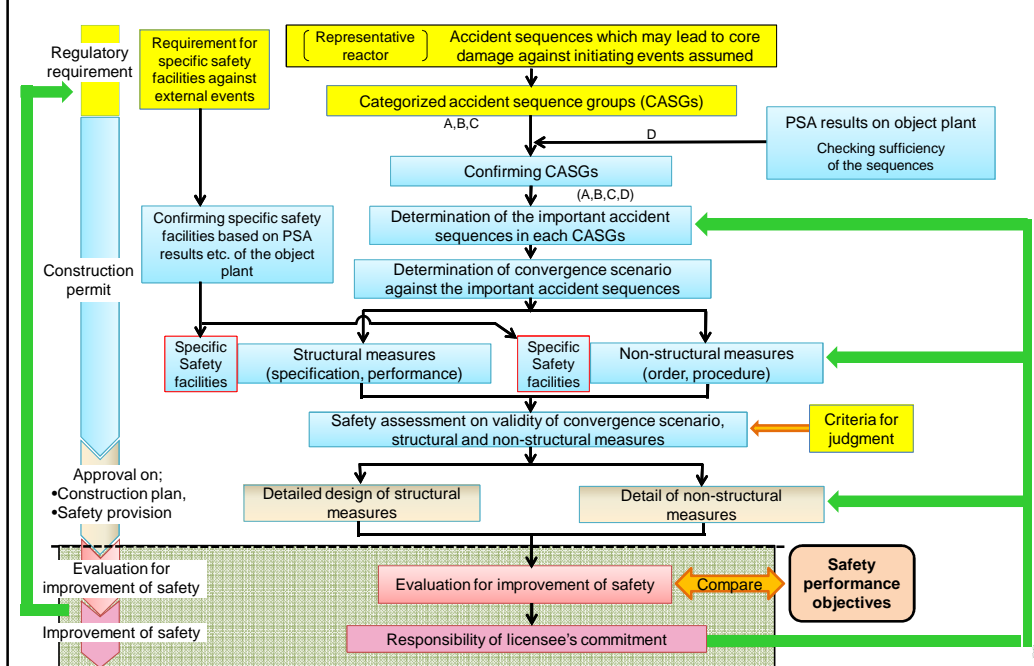
Proposed schematic of new regulation on severe accidents



Proposed basic direction of measures for external events



Proposed schematic of examination of measures for severe accidents



Thank you