



# **Nuclear Damage Compensation and Decommissioning Facilitation Corporation (NDF)**

September 2014



# Organization of NDF

Damage Compensation  
Office

Decommissioning Office

Board, Groups, etc. not  
depicted

## International Special Advisors

**C.Behar (France)**  
Director of Nuclear Power  
Development, CEA  
**P.Dickman (U.S.A.)**  
Senior Policy Fellow,  
Argonne National  
Laboratory  
**M.Weightman (U.K.)**  
Former Chief Nuclear  
Inspector, ONR  
**R.Yang(U.S.A.)**  
Vice President, Board  
Member, EPRI

## Decommissioning Strategy Board

### Shunsuke Kondo

(Professor Emeritus ,President of NUMO,  
The University of Tokyo)

### Osamu Tochiyama

(Dr. Sci. Director, Nuclear Safety Research  
Association)

### Hajime Asama

(Professor, Dr. Eng. The University of Tokyo)

### Yuzo Ohnishi

(Project Professor, Kansai University  
Professor Emeritus, Kyoto University)

### Koji Okamoto

(Professor, Ph. D The University of Tokyo)

### Hirofumi Kamata

(Managing Executive Officer, Taisei  
Corporation)

### Keisuke Takeuchi

(Principal Corporate Advisor, JGC  
Corporation)

### Shojiro Matsuura

(President, Japan Atomic Energy Agency)

### Hajimu Yamana

(Head of Decommissioning Office, Vice  
President, NDF)

### Masahiko Fujihara

(Executive Director, NDF)

### Yasuharu Igarashi

(Executive Director, NDF)

Decommissioning  
Management Group

Strategy Planning  
Group

International Affairs  
Group

Technological  
Strategy Group



## Basic Mission of Nuclear Damage Compensation and Decommissioning Facilitation Corporation (NDF)

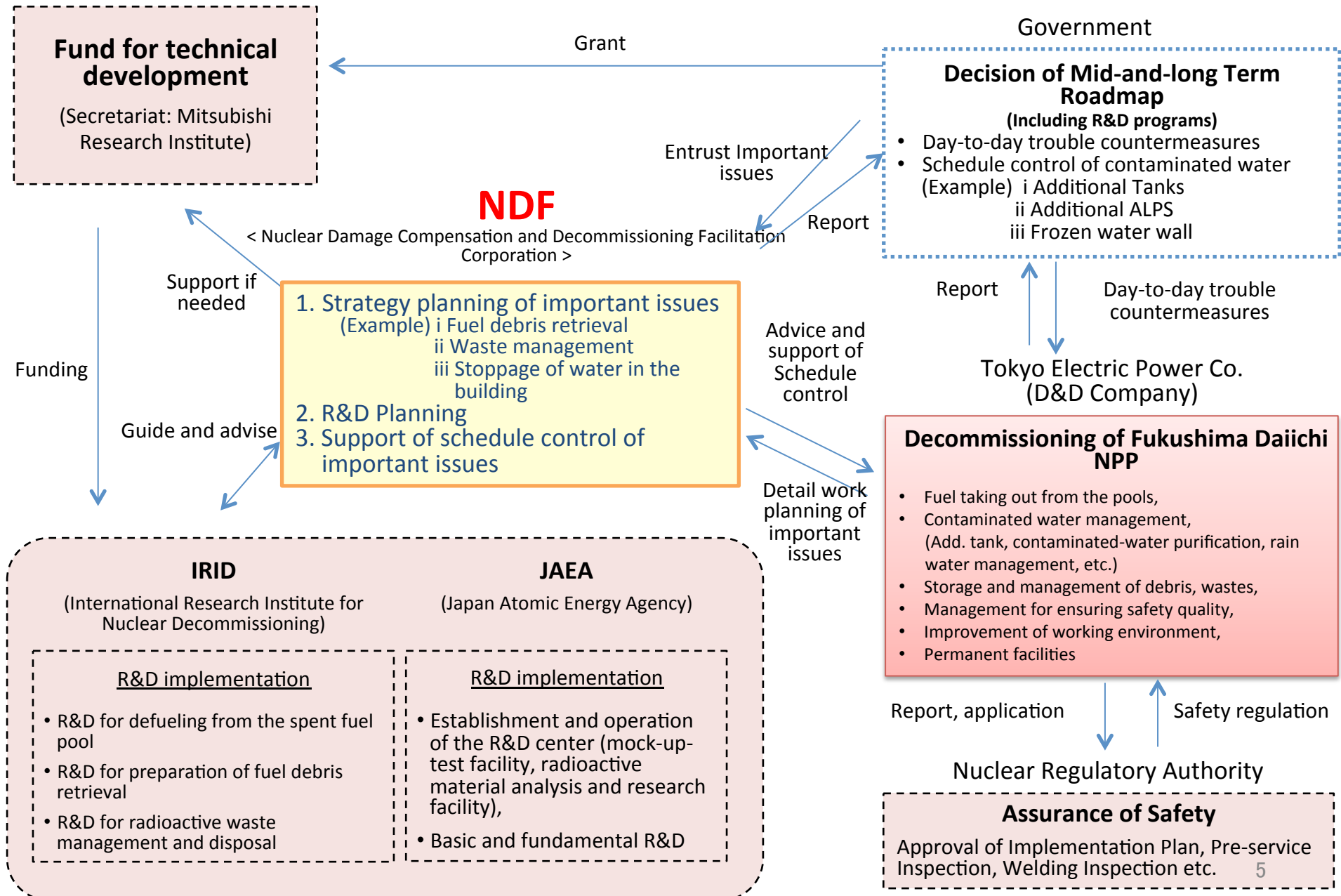
- Decommissioning of Fukushima Daiichi NPP' is the key to the success not only for the restoration from the Great East Japan Earthquake but also for Japan's energy policy, such as stable electricity supply.
- Tokyo Electric Power Co. (TEPCO) and the Government have been occupied with short-term measures for decommissioning and contaminated water management and are not in a position to sufficiently concentrate on the "Mid-and-long Term Decommissioning Strategy".
- From the viewpoint of smooth implementation of future decommissioning, the Nuclear Damage Compensation and Decommissioning Facilitation Corporation (NDF) is expected to challenge the tasks with expertise and continuity which have not been sufficiently dealt with from Mid- and-long Term landscape.
- Accordingly NDF implements following measures for the decommissions of the failed NPPs:
  - i. Strategy planning of important issues including fuel debris retrieval and waste management
  - ii. Planning and schedule control of R&Ds needed
  - iii. Support of schedule control of key items  
(Support of schedule control for additional tanks, additional ALPS, frozen water wall, etc. to be implemented by the Government)
  - iv. Enhancement of international cooperation  
(Gathering of insights in and outside Japan and disseminating information)

## Immediate Missions of NDF (Decommissioning)

1. Formulate “Strategic Plan” (tentative name)
  - Objectives are to be reflected to the revision of “Mid-and-long Term Roadmap” by the Government.
  - For the first step, strategies to tackle (1) fuel debris retrieval, (2) task related to waste and (3) stoppage of water in the building will be worked out.
  - In addition to the Decommissioning Strategy Board (DSB), committees to study the specific areas are to be organized. Members will be appointed from Decommissioning Strategy Board, TEPCO, plant manufacturers and related governmental organizations etc.
2. Planning and Schedule Control of Major R&D
  - Planning of R&D will be done based on the role sharing and alliance between the Government and private sector and in line with Strategic Plan and R&D Basic Policy .
  - While the schedule is controlled and results are evaluated for R&D, domestic and international technologies are assessed for being materialized for the steady decommissioning based on the “Mid-and-long Term Roadmap”
3. Support for Schedule Control of Key Issues
  - NDF participates in the schedule control for additional tanks, additional ALPS and frozen water wall implemented by the Government and TEPCO and supports technical assessment.
4. Enhancement of International Cooperation
  - Overseas Insights and experiences from broader areas including other areas than nuclear industry are being gathered
  - Information and research results etc. obtained by decommissioning work are being disseminated abroad as well as appropriately.



# Role-Sharing of Fukushima-Daiichi Decommissioning and Contaminated Water Management



## International Special Advisors

Following members are appointed as the International Special Advisor, invited to the Decommissioning Strategy Board and expected to disseminate the information to international communities.

(1) Mr. Christophe Behar [France]

Commissariat à l'énergie atomique et aux énergies alternatives (CEA)  
Director of Nuclear Power Development; Responsible for decommissioning of nuclear facilities in CEA.



(2) Mr. Paul Dickman [U.S.A.]

Argonne National Laboratory, Senior Policy Fellow  
Experienced the Chief of Staff of the former NRC chairman, Dr. Dale Klein



(3) Dr. Mike Weightman [U.K.]

Private consultant (Former Secretary General of the British Nuclear Regulation Authority (ONR) ); Experienced responsibility of ensuring the nuclear safety and security



(4) Dr. Rosa Yang [U.S.A.]

Electric Power Research Institute (EPRI), Vice President and Board member of the Research and Development Division; Experienced an nuclear fuel engineer of GE, and specialist of fuel design and safety analysis

