



March 27, 2015
Fukushima Environmental Safety Center
Sector of Fukushima Research and Development
Japan Atomic Energy Agency (JAEA)

-Announcement-

English reports on the knowledge obtained by the efforts for the environmental restoration of Fukushima released

【Key achievement】

- Knowledge obtained by the efforts for the environmental restoration such as Decontamination Pilot Project was published in three English reports so that the people who are interested in these topics can access from all over the world.

We would like to notify that the Fukushima Environmental Safety Center, Japan Atomic Energy Agency (JAEA, President: Shojiro Matsuura) published three English reports that summarize the knowledge obtained by the JAEA's efforts for the environmental restoration of Fukushima. The reports are open in the JAEA website;

Four years have passed since the Great East Japan Earthquake. The efforts for the environmental restoration after the accident of the Fukushima Daiichi Nuclear Power Station, Tokyo Electric Power Company, have progressed in these four years. Just after the accident, JAEA as Japan's only comprehensive research and development organization on nuclear energy started the activities as a designated public organization of the Basic Act on Disaster Control Measures. Towards the early return of the evacuees and ensuring security/safety of the residents, JAEA has been conducting the Decontamination Pilot Project entrusted by the government. The outcome and lessons learned from this unique project plus JAEA's associated R&D for environmental restoration are now summarised in English in the following 3 reports. These aim to make the knowledge gained accessible to a wider international audience, while further information on ongoing JAEA work carried out to facilitate recovery in Fukushima is available here - <http://fukushima.jaea.go.jp/english/>.

【Overview of the English reports】

- (1) Remediation of Contaminated Areas in the Aftermath of the Accident at the Fukushima Daiichi Nuclear Power Station: Overview, analysis and lessons learned Part 1: A report on

the “Decontamination Pilot Project”, JAEA-Review 2014-051 (2015).
(Fukushima Environmental Safety Center, JAEA)

<http://dx.doi.org/10.11484/jaea-review-2014-051>

- (2) Remediation of Contaminated Areas in the Aftermath of the Accident at the Fukushima Daiichi Nuclear Power Station: Overview, analysis and lessons learned Part 2: Recent developments, supporting R&D and international discussions, JAEA-Review 2014-052 (2015).

Fukushima Environmental Safety Center, JAEA

<http://dx.doi.org/10.11484/jaea-review-2014-052>

The results of the “Decontamination Pilot Project” (from September 2011 to June 2012) entrusted by the Cabinet Office have been already submitted to the government as a final report in Japanese. The above two reports are English version of the final report that will be utilized by the experts in the world. Part 1 summarises the Decontamination Pilot Project, providing the background required to put this work in context for an international audience. In Part 2, the subsequent application of output from this project to regional remediation now being conducted by the MOE and municipalities, is discussed, along with a status update on such work (including radioactivity monitoring), an overview of associated JAEA’s R&D and international input to / review of regional environmental decontamination in Fukushima.

- (3) Use of Knowledge and Experience Gained from the Fukushima Daiichi Nuclear Power Station Accident to Establish the Technical Basis for Strategic Off-site Response, JAEA-Review 2015-001 (2015).

Miyahara, K., McKinley, I.G., Saito, K., Hardie, S.M.L., and Iijima, K

<http://dx.doi.org/10.11484/jaea-review-2015-001>

This report provides a concise overview of knowledge and experience gained from the activities for environmental remediation after the Fukushima Daiichi accident. It is specifically tailored for international use, to establish or refine the technical basis for strategic, off-site response to nuclear incidents. It reflects JAEA’s key role in the research associated with both remediation of contaminated areas and also the natural contamination migration processes in non-remediated areas, in collaboration with other Japanese and international organisations and research institutes.

The related reports in Japanese shown below are available in the JAEA website;

<http://fukushima.jaea.go.jp/>

【Reports in Japanese related to the environmental restoration so far】

- Towards the environmental restoration (2012 edition)

- Towards the environmental restoration (2013 edition)
- Efforts by JAEA for the Decommissioning and the Environmental Restoration Related to the Accident of the Fukushima Daiichi Nuclear Power Station, Tokyo Electric Power Company (2014 edition)

【Contact】

(Technical inquiry)

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