

# **Research Activities about the Radiological Consequences of the Chernobyl NPS Accident and Social Activities to Assist the Sufferers by the Accident**

## **Preface**

The 12<sup>th</sup> anniversary is coming soon of the accident at the Chernobyl nuclear power station in the former USSR on April 26, 1986. Many issues are, however, still unresolved about the radiological impacts on the environment and people due to the Chernobyl accident.

This report contains the results of an international collaborative project about the radiological consequences of the Chernobyl accident, carried out from November 1995 to October 1997 under the research grant of the Toyota foundation. Our project team consisted of the following 9 members: T. Imanaka (leader, KURRI), H. Koide (KURRI), V. P. Matsko (Institute of Radiobiology, Academy of Sciences of Belarus), I. A. Ryabzev (Institute of Problems of Ecology and Evolution, Russian Academy of Sciences), O. Nasvit (Institute of Hydrobiology, National Academy of Sciences of Ukraine), A. Yaroshinskaya (Yaroshinskaya Charity Fund, Russia), M. V. Malko (Institute of Physical and Chemical Radiation Problems, Academy Sciences of Belarus), V. Tykhyi (Environmental Education and Information Center, Ukraine) and S. Sugiura (Japan Chernobyl Foundation, Minsk office).

Collaborative works were promoted along with the following 5 sub-themes:

- ✧ General description of research activities in Russia, Belarus and Ukraine concerning the radiological consequences of the accident.
- ✧ Investigation of the current situation of epidemiological studies about Chernobyl in each affected country.
- ✧ Investigation of acute radiation syndrome among inhabitants evacuated soon after the accident from the 30 km zone around the Chernobyl NPS.
- ✧ Overview of social activities to assist the sufferers by the accident in each affected country.
- ✧ Preparation of special reports of interesting studies being carried out in each affected country.

In this report, 32 papers prepared through the collaborative work are included. All members of the project team are sure that the contents of this report are useful not only to specialists, but also to all persons who have concern for the problem of nuclear energy.

We are grateful to the Toyota foundation for a high appreciation of our works, and to Research Reactor Institute, Kyoto University for various conveniences during the course of our collaborative project.

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March 1998

## **Title and Member List of the International Collaboration Study**

### **◇ November 1995 - October 1996**

#### ***Investigation of Research Activities about the Radiological Consequences of the Chernobyl Accident in Russia, Belarus and Ukraine after the Collapse of the USSR***

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### **◇ November 1996 - October 1997**

#### ***Investigation of Research Activities about the Radiological Consequences of the Chernobyl Accident and Social Activities to Assist Its Sufferers in Russia, Belarus and Ukraine***

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