Country Nuclear Power Profiles

INTERNATIONAL ATOMIC ENERGY AGENCY IAEA

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FOREWORD

The preparation of Country Nuclear Power Profiles was initiated within the framework of the IAEA's programme on assessment and feedback of nuclear power plant performance. It responded to a need for a database and a technical document containing a description of the economic situation, the energy and the electricity sector and the primary organizations involved in nuclear power in IAEA Member States.

In 1998, the first edition of the Country Nuclear Power Profiles was published focusing on the overall economic, energy and electricity situation in the country and on its nuclear power industrial structure and organizational framework. The compilation was made based on of 29 Member States with operating nuclear power plants by the end of 1995 and incorporated the "Fact Sheets" on international, multilateral and bilateral agreements as collected by EXPO.

In May 1999, an Advisory Group Meeting was organized with the purpose of updating the information in the Country Nuclear Power Profiles of each country, to reflect the new approaches and conditions of the national nuclear power programmes. The impact of the open electricity market, privatization and deregulation on the nuclear sector was an important aspect recommended by the experts to be taken in consideration. It was also recommended to periodically review the status and trends of nuclear industries in IAEA Member States and exchange information among experts of the lessons learned from the countries engaged in nuclear programmes, with a view to update the profiles at two year intervals.

This second edition covers the changes in the new environment in the electricity as well as in the nuclear sector, be it that the situation differs from country to country. In general, the information is updated to 1999.

For the preparation of this second edition, the IAEA received contributions from all 31 countries with operating power plants by the end of 1999, as well as Italy and the Islamic Republic of Iran. A database has been implemented and the profiles are supporting programmatic needs within the IAEA.

It is noted that there also exist other less formal profiles on specific subjects of nuclear power in the Agency, e.g. Safety Profiles (NS Safety Co-ordination), Waste Management Profiles (NEFW), Fuel Cycle Profiles (NEFW).

The IAEA is grateful to M. J. Crijns and I. Peru Castro for the preparation of this publication. The IAEA officer responsible for the overall co-ordination and preparation was R. Spiegelberg-Planer of the Nuclear Power Engineering Section, Division of Nuclear Power.

EDITORIAL NOTE

In preparing this publication for press, staff of the IAEA have made up the pages from the original manuscripts as submitted by the authors. The views expressed do not necessarily reflect those of the IAEA, the governments of the nominating Member States or the nominating organizations.

Throughout the text names of Member States are retained as they were when the text was compiled.

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