

Establishment of the Strategy for an Active Participation in the IAEA Program and Its Effective Implementation in the Radiation and Transport Safety Field

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The Coordinated Research Programs (CRP) have been implemented with the aim of solving many of the problems facing the Member States by integrating various different levels of each country's technical capabilities in the areas which the Agency needs further technology development, as one of the major activities of the International Atomic Energy Agency (IAEA). To establish an active participation strategy for the CRP and its effective implementation, general features of the current IAEA programs and the prospects of the future programs for 2008-2009 are described. The contents and priorities of the programs for which the Agency has put great emphasis on were studied. It is expected that recommendations such as an analysis of the benefits for participation in the CRP and ways to expand their participation in the new CRP, will be a great asset in establishing a nuclear policy in the future. In addition, the analysis of the problems which are barriers to applications for the new CRP by analyzing the current status of the CRP that the Agency has already implemented and is now implementing will be utilized for understanding the areas on which the Agency will focus and for identifying the projects in which Korea should play a leading role in their implementation, thus leading to an increase in the acceptance rate of the CRP application proposals from Korea. In the development of the programs of the Agency for 2008-2009, the Radiation and Transport Safety field, due to the increasing and advanced use of nuclear techniques such as in medical diagnostics and treatment, is sure to gain increased attention, particularly, in the areas of strengthening and establishing national regulatory infrastructures for radiation safety, transportation safety and a radiological protection for patents.