

IRPA 10

TOPICAL SESSIONS Reports of Co-Chairmen for Highlight Sessions

T-16: Advances in Emergency Response Systems to Nuclear Accidents *Wednesday, 17 May 2000*

Chair and Keynote: P. Govaerts

Co-Chair: M. Chino

This session included one keynote by Dr. Govaerts and three papers by Dr. Chino, Dr. Raskob and Dr. Razo. Two presentations were from international organizations, the European Commission and the OECD, which are responsible for emergency management, and other two are from research Institutes who develop decision support systems.

All the papers presented indicated that the development of emergency response systems is entering into the new stage: new research focuses on the assimilation of modeling products and measurement, source-term estimation, handling of uncertainties, networking for data exchange, management of information and integration of social aspect.

Dr. Govaerts (Belgium) presented a keynote on behalf of Dr. Kelly of the European Commission entitled "Emergency Preparedness and Response: Achievement, Future Needs and Opportunities". He explained the policy of the European Commission for emergency response from two aspects, e.g., management and research.

Dr. Chino (Japan) presented a paper entitled "New Technical Functions for WSPEEDI: Worldwide version of System for Prediction of Environmental Emergency Dose Information". He introduced new functions on international data communications link, hydrodynamic meteorological model and source term estimation.

Dr. Raskob (Germany) addressed the "RODOS system: Decision Support for Nuclear Off-Site Emergency Management in Europe". He showed the overview of RODOS and future plans to improve its capability. RODOS is now implemented in related countries in Europe and entering into the practical stage by using data network, etc.

Dr. Lazo (OECD) spoke about the OECD/NEA Programme in Nuclear Emergency Planning, Preparedness and Management. OECD/NEA has been performing the INEX (International Nuclear Emergency Exercise) project since 1996. He introduced new INEX projects, named INEX2000 and INEX3. INEX2000 will be held at France.

