



NUCLEAR . ENERGY . AGENCY

Exploratory meeting of experts on Best Estimate calculations and uncertainty analysis

13-14 May, 2002

First session : Use and/or analysis of BE methodologies by end-users

Analysis of the MDR methodology, general consideration on the BE methods

Mrs. Cadet-Mercier (IRSN)



The Tractebel Deterministic Bounding Approach to Accident Analysis

Dr Zhang (Tractebel)



Preparation of reactor calculation of LBLOCA and its preliminary application of GRS type uncertainty evaluation method using TRAC-PF1/MOD2

Dr Kasahara (NUPEC)



Best estimate methodology used at PSI

Dr Macian (PSI)



Experience in application of uncertainty methods, participation in the Uncertainty Methods Study (UMS) and review of different methods used in licensing ([figure](#))

Dr Glaeser (GRS)



Second session : Alternative methods. Development underway and proposed

Out line of CIAU

Pr D'Auria (U. Pisa)



Basic principles of the Adjoint Sensitivity Analysis Procedure and Status of it's coupling with RELAP 5 mod 3.2

Dr Ionescu-Bujor (FzK)



Uncertainty evaluation: CIRCE tool

Mrs de Crecy (CEA)



Methodologies of uncertainty propagation calculation, selection criteria

Mr Chojnacki (IRSN)



Efforts related to uncertainty analysis at PSI

Dr Macian (PSI)



Report on EUROFASTNET

Pr D'Auria (U. Pisa)



Third session : Synthesis of OECD countries' needs and requirements

Definition of an action plan

Definition of a mandate for a Task group

Participants

Minutes