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Organisation de Coopération et de Développement Économiques
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**NUCLEAR ENERGY AGENCY
COMMITTEE ON THE SAFETY OF NUCLEAR INSTALLATIONS**

**NEA/CSNI/R(2007)2
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**Evaluation of Uncertainties in Relation to Severe Accidents and
Level-2 Probabilistic Safety Analysis**

**Workshop Proceedings
Aix-en-Provence, France
7-9 November 2005**

Papers only available at www.oecd-nea.org/html/nsd/reports/2007/nea6053-uncertainties.html

also referenced as: NEA Report 6053

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Complete document available on OLIS in its original format

**EVALUATION OF UNCERTAINTIES IN RELATION TO SEVERE ACCIDENTS AND
LEVEL-2 PROBABILISTIC SAFETY ANALYSIS**

*Workshop Proceedings
Aix-en-Provence, France
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Uncertainty in relation to several severe accident phenomena plays a major role in probabilistic safety analyses involving beyond-design-basis accident scenarios for nuclear power plants. The technical papers presented herein will be valuable for nuclear safety analysts, nuclear power plant designers and R&D managers, especially with regard to unresolved severe accident issues or issues where risk uncertainty is high.

[Session I: Introduction](#)

[Session II: Methods for Uncertainty Assessment](#)

[Session III: Applications to Uncertainty Assessment on Severe Accident Physical Phenomena](#)

[Session IV: Applications to Uncertainty Assessment in Level 2 PSA](#)

[Session V: General Discussion - Conclusions and Recommendations](#)

[Participants](#)