

Independent Journal for
Nuclear Engineering,
Energy Systems,
Radiation
and Radiological Protection

Editorial Board

Erich R. Bagge
Franz Baumgärtner
Anton Bayer
Edgar Böhm
Bernhard Bröcker
Dieter Brosche
Dietrich Bünemann
Wulf Bürkle
Günter Grieger
Karl-Gerhard Hackstein
Archie A. Harms
Otto Hittmair
Wolfgang Jacobi
Alexander Kaul
Yuri Kazansky
Alfred Kraut
Bernhard Kuczera
Helmut Rauch
Arthur Scharmann
Walter Seifritz
Erich Tenckhoff
Wolfgang Weiss
Rudolf Wienecke
Friedwardt Winterberg

Editor

Alfred Kraut
Universität der Bundeswehr München
85577 Neubiberg, Germany
Telephone: 089/6004-2017
Telefax: 089/6004-3560
Telephone of the Editorial Office:
089/6014966



Carl Hanser Verlag

P.O. Box 860420, 81631 München
Telephone: 089/99830-0
Circulation Manager: 089/99830-102
Advertising Manager: 089/99830-204
Telefax: 089/984809

Calendar of Events	66
Summaries	68
Probabilistic safety assessment	
<i>H. P. Berg</i> On the potential of probabilistic safety assessment	71
<i>K. Köberlein</i> The role of probability in the assessment of technical safety	72
<i>B. Tomić</i> International activities to improve the methods of probabilistic safety assessment and to support its applications	75
<i>R. K. Virolainen</i> International activities in the field of probabilistic safety assessment and the development of a Level 2 methodology in Finland	82
<i>H. P. Berg, Th. Fröhmel, R. Görtz and H. Schott</i> Application of probabilistic safety assessment in the regulatory process in Germany	88
<i>H. Fabian</i> Experience in the performance of probabilistic safety assessments	91
<i>C. Spitzer</i> Experiences from reviews of probabilistic safety assessments	99
<i>G. Breiling and T. Oehmgen</i> Determination of input data for probabilistic safety assessment	105
<i>H. P. Balfanz, E. Böhme, C. Fuhrmann, W. Musekamp and J. Rumpf</i> Living probabilistic safety assessment	110
<i>H. H. Hoffmann, G. Breiling and H. P. Berg</i> Probabilistic fire risk analysis	117
<i>D. Müller-Ecker and M. Simon</i> Probabilistic safety assessment for non-full-power states of nuclear power plants	122
<i>E. Kersting and H. Löffler</i> Aspects of the application of Level 2 probabilistic safety assessment	130
<i>H. P. Berg, R. Görtz, H. Schott and T. Schaefer</i> The role of probabilistic limits for the assessment of the safety of nuclear power plants	135
Books	74, 87, 98, 104, 121, 129, 134
Advances	139
Imprint	140