

Editorial Board

Erich R. Bagge
Franz Baumgärtner
Anton Bayer
Edgar Böhm
Berhard Bröcker
Dieter Brosche
Dietrich Bünemann
Wulf Bürkle
Günter Grieger
Karl-Gerhard Hackstein
Wilhelm Hanle
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
Werner-Heisenberg-Weg 39
W-8014 Neubiberg
Federal Republic of Germany
Telephone: (0 89) 60 04-20 17
Telefax: (0 89) 60 04-35 60
Telephone of the Editorial Office:
(0 89) 6 01 49 66



Carl Hanser Verlag

Contents	1
Calendar of Events	2
Summaries	4
C. Kirchsteiger: Risk related plant performance goals and their interpretation as probability distributions	7
R. Richter, H. Kromer, H. Matthes, N. Jentsch and D. Klöcking: Accident analysis for steam generator heating tube failure in a VVER-40-type nuclear power plant	12
L. Rebollo: Assessment of the code RELAP5/MOD2 against loss of feedwater without scram	20
L. Rebollo: Simulation of the LOFT L9-4 experiment with the code RELAP5/MOD2	26
M. Fumizawa and K. Okamoto: Mole fraction distribution in a slow jet forming a stably stratified field	32
J. Bosholm: Removal of deposits containing iron oxide from steam generators of pressurized water reactors	37
K. H. Neeb: Radionuclides as indicators in industrial processes	40
M. Gläser and H. Fuchs: Application of radiometric methods in agricultural engineering research	48
V. N. Sosnin and A. A. Harms: Inventory dynamics of transmuted radioactive wastes	55
Books	11, 19, 25, 31, 36, 39, 47
Conference report	61
Advances	62
Imprint	64