

NUCLEAR AEROSOL SCIENCE

- 135 Editor's Note / *Karl Wirtz*
- 137 Preface: Nuclear Aerosol Science / *W. O. Schikarski*

TECHNICAL PAPERS

- 139 Large-Scale Experiments on Aerosol Behavior in Light Water Reactor Containments / *Werner Schöck, Helmut Bunz, Robert E. Adams, Melvin L. Tobias, Frank J. Rahn*
- 158 Aerosol Behavior Experiments on Light Water Reactor Primary Systems / *Frank J. Rahn, Jan Collén, Anthony L. Wright*
- 183 Sodium Aerosol Behavior in Liquid-Metal Fast Breeder Reactor Containments / *S. Jordan, W. Cherdron, Jean-Claude Malet, Roger Rzekiecki, Yoshiaki Himeno*
- 193 Nuclear Aerosol Codes / *F. Beonio-Brocchieri, Helmut Bunz, Werner Schöck, Ian H. Dunbar, Jean Gauvain, Shinya Miyahara, Yoshiaki Himeno, Kunihisa Soda, Norihiro Yamano*
- 205 Measurement of the Physical Properties of Nuclear Aerosols / *Alan L. Nichols, Jolyon P. Mitchell*
- 233 Chemical Characterization of Nuclear Aerosols / *Alan L. Nichols, Brian R. Bowsher*
- 246 Safety Containment Buildings as Barriers Against Particulate Radioactivity Release Under Accident Conditions / *Joop F. van de Vate*
- 257 Experiments on Liquid-Metal Fast Breeder Reactor Aerosol Source Terms After Severe Accidents / *Georges Berthoud, Albert W. Longest, Anthony L. Wright, Wolfgang P. Schütz*
- 278 Aerosols Released in Accidents in Reprocessing Plants / *Marcel Y. Ballinger, Peter C. Owczarski, K. Hashimoto, G. Nishio, S. Jordan, W. Lindner*
- 293 Aerosol Behavior and Light Water Reactor Source Terms / *Frank Abbey, Wolfgang O. Schikarski*

DEPARTMENT

- 129 Authors

ON THIS COVER

This month's cover, which shows geometry used by the light scattering aerosol analyzer, is taken from Fig. 6 in the paper by Nichols and Mitchell.