

**Proceedings of the Second ASTM-EURATOM Symposium
on Reactor Dosimetry**

**DOSIMETRY METHODS FOR FUELS,
CLADDING, AND STRUCTURAL MATERIALS**

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Sponsors

**ASTM, Subcommittee E10.05 on Dosimetry (E10.05)
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PROGRAM SUMMARY

The papers are grouped in nine sessions:

Volume I

- Reviews and Overviews
- Dosimetry for Structural Materials Irradiation
- Fuel Element Dosimetry: Pre- and During Irradiation
- Post-Irradiation Analysis of Nuclear Fuels

Volume II

- General
- Determination of Neutron Spectra
- Techniques
- Nuclear Data and Standards for Dosimetry
- Workshop Reviews and Conclusions

Volume III

and six workshops on:

- Dosimetry Materials: Procurement, Fabrication, and Assay
- High-Energy Neutron Dosimetry
- Dosimetry for Light Water Reactor Pressure Vessel Surveillance Programs
- Utilization of Benchmark Neutron Fields
- Standardization of Fission Product Yields
- Computer Codes for Unfolding Neutron Spectra

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