

INTERNATIONAL STANDARD

**Nuclear power plants – Instrumentation systems – Measurements for monitoring
adequate cooling within the core of pressurized light water reactors**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**NUCLEAR POWER PLANTS – INSTRUMENTATION SYSTEMS –
MEASUREMENTS FOR MONITORING ADEQUATE COOLING WITHIN
THE CORE OF PRESSURIZED LIGHT WATER REACTORS**

FOREWORD

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This second edition cancels and replaces the first edition published in 1987. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) Modification of the title.
- b) Integration and merging with the content of IEC 62117:1999 relative to the monitoring of core cooling during cold shutdown.
- c) Integration of feedback following the 2011 Fukushima accident.