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calculation and measurement of the
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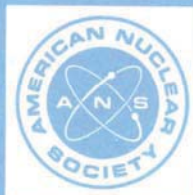
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**American National Standard
Calculation and Measurement of the
Modular Temperature Coefficient of Reactivity
for Water Moderated Power Reactors**

Secretariat
American Nuclear Society

Prepared by the
**American Nuclear Society
Standards Committee
Working Group ANS-19.11**

Published by the
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American National Standard

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Foreword

(This Foreword is not a part of American National Standard for the Calculation and Measurement of the Moderator Temperature Coefficient of Reactivity for Water Moderated Power Reactors, ANSI/ANS-19.11-1997.)

It is the intent of this American National Standard to provide guidance and specify criteria for the calculation and measurement of the moderator temperature coefficient of reactivity (MTC) in water moderated power reactors. At present, this standard addresses the calculation and measurement of the MTC only in pressurized water reactors (PWRs), because PWRs are the only type of power reactor currently sited in the United States for which measurement of the MTC is required.

This standard was developed by Working Group ANS-19.11 of the American Nuclear Society. During the period when the standard was prepared, the working group had the active participation of the following members:

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