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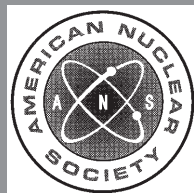
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**use of fixed neutron absorbers
in nuclear facilities outside reactors**

an American National Standard

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**American National Standard
for Use of Fixed Neutron Absorbers
in Nuclear Facilities Outside Reactors**

Secretariat
American Nuclear Society

Prepared by the
**American Nuclear Society
Standards Committee
Working Group ANS-8.21**

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American National Standard

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Foreword

(This Foreword is not a part of American National Standard for Use of Fixed Neutron Absorbers in Nuclear Facilities Outside Reactors, ANSI/ANS-8.21-1995.)

Nuclear criticality safety is an essential part of the safety assessment of a facility or an operation involving fissionable material. Designers, operators, safety professionals, regulators, and standard writing groups dealing with non-reactor nuclear facilities need to address nuclear criticality safety. This standard provides guidance for the use of fixed neutron absorbers as an integral part of nuclear facilities and fissionable material process equipment outside reactors, where such absorbers provide criticality control as required in a safety analysis.

This standard was drafted by Working Group ANS-8.21 of Subcommittee ANS-8 of the American Nuclear Society Standards Committee. The following members participated in the preparation of the standard:

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