

American Nuclear Society

REAFFIRMED

November 16, 2010

August 24, 2017

September 9, 2022

ANSI/ANS-8.6-1983 (R2022)

safety in conducting subcritical neutron-multiplication measurements in situ

an American National Standard

REAFFIRMED

July 23, 2001

**ANSI/ANS-8.6-1983
(R2001)**

This standard has been reviewed and reaffirmed with the recognition that it may reference other standards and documents that may have been superseded or withdrawn. The requirements of this document will be met by using the version of the standards and documents referenced herein. It is the responsibility of the user to review each of the references and to determine whether the use of the original references or more recent versions is appropriate for the facility. Variations from the standards and documents referenced in this standard should be evaluated and documented.

This standard does not necessarily reflect recent industry initiatives for risk informed decision-making or a graded approach to quality assurance. Users should consider the use of these industry initiatives in the application of this standard

ANSI/ANS-8.6-1983 (R2001)



published by the
American Nuclear Society
555 North Kensington Avenue
La Grange Park, Illinois 60526 USA

**American National Standard
for Safety in Conducting Subcritical
Neutron-Multiplication Measurements In Situ**

**Secretariat
American Nuclear Society**

**Prepared by the
American Nuclear Society
Standards Committee
Subcommittee ANS-8**

**Published by the
American Nuclear Society
555 North Kensington Avenue
La Grange Park, Illinois 60525 USA**

**Approved May 16, 1983
by the
American National Standards Institute, Inc.**

American National Standard

An American National Standard implies a consensus of those substantially concerned with its scope and provisions. An American National Standard is intended as a guide to aid the manufacturer, the consumer, and the general public. The existence of an American National Standard does not in any respect preclude anyone, whether he has approved the standard or not, from manufacturing, marketing, purchasing, or using products, processes, or procedures not conforming to the standard. American National Standards are subject to periodic review and users are cautioned to obtain the latest editions.

CAUTION NOTICE: This American National Standard may be revised or withdrawn at any time. The procedures of the American National Standards Institute require that action be taken to reaffirm, revise, or withdraw this standard no later than five years from the date of publication. Purchasers of this standard may receive current information, including interpretation, on all standards published by the American Nuclear Society by calling or writing to the Society.

Published by

American Nuclear Society
555 North Kensington Avenue, La Grange Park, Illinois 60525 USA

Price: \$10.00

Copyright © 1983 by American Nuclear Society.

Any part of this Standard may be quoted. Credit lines should read "Extracted from American National Standard ANSI/ANS-8.6-1983 with permission of the publisher, the American Nuclear Society." Reproduction prohibited under copyright convention unless written permission is granted by the American Nuclear Society.

Printed in the United States of America