

American Nuclear Society

REAFFIRMED

December 8, 2006
ANSI/ANS-8.22-1997
(R2006)

**nuclear criticality safety based on
limiting and controlling moderators**

an American National Standard

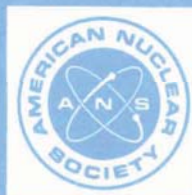
REAFFIRMED

November 11, 2011
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(R2011)

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**American National Standard
for Nuclear Criticality Safety Based on
Limiting and Controlling Moderators**

Secretariat
American Nuclear Society

Prepared by the
**American Nuclear Society
Standards Committee
Working Group ANS-8.22**

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

Approved October 31, 1997
by the
American National Standards Institute, Inc.

American National Standard

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Foreword

(This Foreword is not a part of American National Standard for Nuclear Criticality Safety Based on Limiting and Controlling Moderators, ANSI/ANS-8.22-1997.)

This standard has been in the draft stage for more than two decades with several different chairmen and several different working groups. The continuing effort over many years illustrates the consistent desire for a standard for moderation control. Diversity in the individuals in the working group and diversity in the organizations that the individuals represent have made this standard a tool that can be used throughout the complex. The interest in this standard is consistently demonstrated by the large attendance at the working group meetings and by the large membership of the current Working Group ANS-8.22. Many ideas have been brought before the working group ranging from publication of definitive limits to a standard for general guidance specific to limiting and controlling moderators.

This new standard was prepared by Working Group ANS-8.22 of Subcommittee 8 of the Standards Committee of the American Nuclear Society. This working group was composed of:

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Working Group ANS-8.22 specifically recognizes R. L. Oxenham for his efforts in preparation of this standard. This standard is dedicated in his memory.

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