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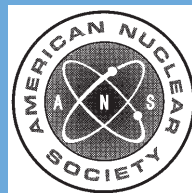
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**nuclear criticality accident  
emergency planning and response**

**an American National Standard**

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Emergency Planning and Response**

Secretariat  
**American Nuclear Society**

Prepared by the  
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## Foreword

(This Foreword is not a part of American National Standard for Nuclear Criticality Accident Emergency Planning and Response, ANSI/ANS-8.23-1997.)

This standard provides guidance for emergency planning and response to a nuclear criticality accident for facilities outside reactors which process, store, or handle fissionable material. This standard assumes that an alarm system that complies with American National Standard Criticality Accident Alarm System, ANSI/ANS-8.3-1997, is in place. In addition, the standard focuses on those elements of planning and response needed specifically for a criticality accident. It is not a general emergency planning and response standard. For example, neither guidance for site-wide management of personnel nor transportation accidents onsite or offsite are addressed.

A working group was established by Subcommittee ANS-8 in the spring of 1992, to provide more detailed guidance than that given in American National Standard Administrative Practices for Nuclear Criticality Safety, ANSI/ANS-8.19-1996. While the intent was to provide detailed technical information for all aspects of planning and response, this was not practical due to the sheer volume of the information. Therefore, this information is not included. Instead, the working group decided to seek separate publication of relevant technical information. This information, once widely circulated and reviewed, could be cited in future revisions of this standard.

This standard was prepared by Working Group ANS-8.23, composed of:

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Working Group ANS-8.23 gratefully acknowledges the contribution to this standard of M. A. Austin, who died before the group's work was completed.

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