

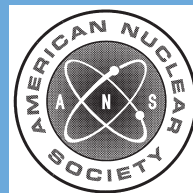
# American Nuclear Society

**WITHDRAWN**

**boiling water reactor  
containment ventilation systems**

**an American National Standard**

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

**American National Standard  
for Boiling Water Reactor  
Containment Ventilation Systems**

**Secretariat  
American Nuclear Society**

**Prepared by the  
American Nuclear Society  
Standards Committee  
Working Group ANS-56.7**

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

**Approved March 30, 1978  
by the  
American National Standards Institute, Inc.**

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

**Price: \$32.00**

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# Foreword

(This foreword is not a part of American National Standard for Boiling Water Reactor Containment Ventilation Systems, ANSI/ANS-56.7-1978. It is included for information only.)

The purpose of this standard is to specify and establish functional design requirements for containment ventilation systems of boiling water reactors to ensure that the plant can be operated without undue risk to the health and safety of the public and plant personnel. This standard is intended to accomplish this objective by defining existing practices which are consistent with appropriate industry experience and, where applicable, with NRC licensing requirements.

This standard has been prepared by Working Group ANS-56.7 of the Standards Committee of the American Nuclear Society. The membership of the group was the following at the time this Standard was approved:

Frank Rogan, Chairman, <i>Portland General Electric Company</i>	Robert A. Kubinak, <i>Long Island Lighting Company</i>
Keith W. Burrowes, <i>Bechtel Power Corporation</i>	Orville E. Trapp, <i>Washington Public Power Supply System</i>
George A. Freund, <i>STAFCO, Inc.</i>	Woodrow A. Williams, <i>General Electric Company</i>
Umbert M. Greco, <i>Gibbs &amp; Hill</i>	

The following also were members of the working group sometime during the preparation of this standard:

Clifton Carwile, <i>U.S. Nuclear Regulatory Commission</i>	David D. Reiff, <i>U.S. Atomic Energy Commission</i>
Winston L. Duke, <i>Commonwealth Edison Company</i>	Tsung Ming Su, <i>General Electric Company</i>

During its early meetings, the working group reviewed the need for this standard. It concluded that the standard was required to provide the industry with guidelines, design criteria and recommendations in order to simplify the licensing process and encourage standardization in the design of the systems considered by this standard. It would also serve to replace at least part of NRC Regulatory Guide 1.52 insofar as it applies to BWR containments.

A preliminary draft of the standard was compiled for internal review in April 1974. Subsequent meetings of the working group were held in September 1974; February, June and December 1975; May and September 1976; and January 1978. Comments from industry (through ANS ICONS program) were obtained in the fall of 1975.

The working group agreed that continued updating of the standard would be required after publication, particularly in two areas:

- (1) Incorporating specific parametric information on design requirements, such as temperature, pressure, etc (as such parameters become established industry practice), and
- (2) Referencing newer and more detailed standards on fire protection as these become available.



The Power Reactor System Committee ANS-50 had the following membership at the time this standard was approved:

- |  |   |
|--|---|
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| D. A. Campbell, <i>Westinghouse Electric Corporation</i>                           | T. J. Pashos, <i>Nuclear Services Corporation</i>               |
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| M. Kehnemuyi, <i>U.S. Nuclear Regulatory Commission</i>                            | F. C. Zapp, <i>Oak Ridge National Laboratory</i>                |
| L. E. Newhart, Jr., <i>Catalytic Incorporated</i>                                  | C. B. Zitek, <i>Commonwealth Edison Company</i>                 |

The American National Standards Committee N18, Nuclear Design Criteria, which reviewed and approved this Standard, had the following membership:

- L. J. Koch, Chairman  
 A. H. Redding, Vice Chairman  
 C. B. Zitek, Secretary

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<b>Contents</b>	<b>Section</b>	<b>Page</b>
1.	Purpose and Scope .....	1
2.	Definitions .....	1
3.	Requirements .....	2
	3.1 General Functional Requirements .....	2
	3.2 Quality of Components .....	3
	3.3 Equipment Qualification .....	3
	3.4 System Integrity and Structural Requirements .....	3
	3.5 Equipment Redundancy and Standby Capacity .....	4
	3.6 Environmental Control — Inside Containment .....	4
	3.7 Environmental Control — External .....	5
	3.8 System Capacity .....	5
	3.9 System Configuration .....	5
	3.10 Instrumentation and Alarms .....	6
	3.11 System Maintenance and Testing .....	6
	3.12 Component Control and Bypass .....	7
	3.13 Interlocks .....	8
	3.14 System Interfaces .....	8
	3.15 Fire Protection and Control .....	8
4.	Design Documentation .....	8
	4.1 General .....	8
	4.2 ESF Requirements .....	8
5.	References .....	9
	Appendix A Evolution of BWR Containment Design .....	11
	Figure A1 Pressure-Suppression Containment .....	13
	Figure A2 Pressure-Suppression Containment Evolution .....	13
	Figure A3 Typical Mark III Horizontal Vents .....	13
	Appendix B Typical 1975 Application of BWR Ventilation Systems .....	14
	Table B1 BWR Containment Ventilation System Operation .....	18
	Figure B1 Boiling Water Reactor Containment Ventilation System .....	22