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WITHDRAWN

boiling water reactor
containment ventilation systems

an American National Standard

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Working Group ANS-56.7

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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, *Portland General Electric Company*
Keith W. Burrowes, *Bechtel Power Corporation*
George A. Freund, *STAFCO, Inc.*
Umbert M. Greco, *Gibbs & Hill*
Robert A. Kubinak, *Long Island Lighting Company*
Orville E. Trapp, *Washington Public Power Supply System*
Woodrow A. Williams, *General Electric Company*

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

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

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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C. B. Zitek, *Commonwealth Edison Company*

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

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A. H. Redding, Vice Chairman
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