

American Nuclear Society

**nuclear safety related cooling water
systems for light water reactors**

an American National Standard



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American Nuclear Society
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**American National Standard
for Nuclear Safety Related Cooling Water
Systems for Light Water Reactors**

Secretariat
American Nuclear Society

Prepared by the
**American Nuclear Society
Standards Committee
Working Group ANS-59.1**

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FOREWORD

(This foreword is not a part of American National Standard for Nuclear Safety Related Cooling Water Systems for Light Water Reactors, ANSI/ANS 59.1-1986)

This standard is applicable to light water reactor nuclear power plants.

This standard was originally issued in 1979 and has been completely revised to conform to the latest revisions of American National Standards Nuclear Safety Criteria for the Design of Stationary Pressurized Water Reactor Plants, ANSI/ANS-51.1-1983, and Nuclear Safety Criteria for the Design of Stationary Boiling Water Reactor Plants, ANSI/ANS-52.1-1983, and to the latest design concepts developed since the 1979 TMI-II accident. A draft of this revision was submitted to the ANS-52 Subcommittee in 1983, who also obtained comments from ANS-4 and ANS-51 Subcommittees.

The membership of ANS-52, the BWR Criteria Committee, at the time of its review in 1983 had the following membership:

W. H. D'Ardenne, Chairman, General Electric Company	P. D. Metcalf, Jr., Tennessee Valley Authority
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H. B. Friend, Bechtel Corporation	R. E. Scott, General Electric Company
R. J. Mazza, Sargent & Lundy	H. C. Shaffer, Yankee Atomic Electric Company

Comments from this review were incorporated and a revised draft of this standard was submitted to the American Nuclear Society's Nuclear Power Plant Standards Committee (NUPPSCO) for ballot in 1984. All "disapproved" votes were resolved and other comments incorporated into this revision.

Working Group ANS-59.1 of the Standards Committee of the American Nuclear Society had the following membership at the time it developed this standard:

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R. Etling, Westinghouse Electric Company	W. N. (Norm) Prillaman, Babcock & Wilcox Company

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Nuclear Power Engineering
Committee of IEEE.

The American Nuclear Society's Nuclear Power Plant Standards
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approval of this standard:

L. J. Cooper, Chairman

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