

# American Nuclear Society

## REAFFIRMED

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**design requirements for light water  
reactor fuel handling systems**

an American National Standard

## REAFFIRMED

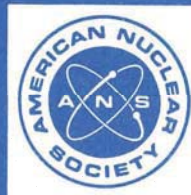
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**American National Standard  
Design Requirements for Light Water  
Reactor Fuel Handling Systems**

Secretariat  
**American Nuclear Society**

Prepared by the  
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# Foreword

(This foreword is not part of American National Standard Design Requirements for Light Water Reactor Fuel Handling Systems, ANSI/ANS-57.1-1992.)

This standard provides minimum design requirements for the designer of fuel handling equipment for water-cooled nuclear power plants. It sets forth design requirements that can assist in design and licensing efforts. It does not, however, relieve the designer of the responsibility for compliance with any specific codes referenced herein. The designer is also reminded of U.S. Nuclear Regulatory Commission (NRC) Regulatory Guides that contain information that should be referred to in designing systems and components. The standard was developed under sponsorship of the American Nuclear Society and was first drafted in 1975. In this revision, it has been updated to reflect current criticality analysis standards and to address the potential for fuel handling systems to handle consolidated spent fuel.

This standard was developed by Working Group ANS-57.1 of the Standards Committee of the American Nuclear Society. The Working Group had the participation of the following members during the period it revised and approved the standard:

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