



U.S. NUCLEAR REGULATORY COMMISSION

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# REGULATORY GUIDE

OFFICE OF STANDARDS DEVELOPMENT

## REGULATORY GUIDE 1.30

### HOUSEKEEPING REQUIREMENTS FOR WATER-COOLED NUCLEAR POWER PLANTS

#### A. INTRODUCTION

Appendix B, "Quality Assurance Criteria for Nuclear Power Plants and Fuel Reprocessing Plants," to 10 CFR Part 50, "Licensing of Production and Utilization Facilities," establishes overall quality assurance requirements for the design, construction, and operation of safety-related structures, systems, and components of nuclear power plants. This guide describes an acceptable method of complying with the Commission's regulations with regard to housekeeping<sup>1</sup> requirements for the control of work activities, conditions, and environments at water-cooled nuclear power plant sites. The Advisory Committee on Reactor Safeguards has been consulted concerning this guide and has concurred in the regulatory position.

#### B. DISCUSSION

Working Group N45-2.3 of the American National Standards Institute (ANSI) Standards Committee N45, Reactor Plants and Their Maintenance, has prepared a standard that defines the housekeeping requirements for the control of work activities, conditions, and environments that could affect the quality of a nuclear power plant during the construction phase. This standard was approved by Subcommittee N45-2, Nuclear Quality Assurance Standards, of the ANSI Standards Committee N45 and the full committee and its Secretariat. It was subsequently ap-

\* Lines indicate substantive changes from previous issue.

<sup>1</sup> Housekeeping encompasses all activities related to control of cleanliness of facilities, cleanliness of material and equipment, fire prevention and fire protection including disposal of combustible materials and debris, control of access, and protection of materials.

proved and designated N45.2.3-1973 by the American National Standards Institute on March 15, 1973.

The original issuance of this regulatory guide endorsed as acceptable the guidelines (indicated by the verb "should") as well as the requirements included in this standard. Some uncertainty arose with regard to the NRC staff's intent with this endorsement. As a result of this uncertainty, the NRC staff reevaluated the guidelines contained in ANSI N45.2.3-1973 with respect to importance to safety. This guide has been revised to clarify NRC's position on the requirements and guidelines included in ANSI N45.2.3-1973. Where conformance to this regulatory guide is indicated in an application without further qualification, this means conformance with the requirements of ANSI N45.2.3-1973, as supplemented or modified by the regulatory position of this guide.

#### C. REGULATORY POSITION

The requirements for the control of work activities, conditions, and environments at water-cooled nuclear power plant sites that are included in ANSI Standard N45.2.3-1973, "Housekeeping During the Construction Phase of Nuclear Power Plants,"<sup>2</sup> provide a method acceptable to the NRC staff for complying with the pertinent quality assurance requirements of Appendix B to 10 CFR Part 50, subject to the following:

1. Subdivision 1.5 of ANSI N45.2.3-1973 states that other documents that are required to be included

<sup>2</sup> Copies may be obtained from the American Society of Mechanical Engineers, United Engineering Center, 345 East 47th Street, New York, N.Y. 10017.

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Comments and suggestions for improvements in these guides are encouraged at all times, and guides will be revised, as appropriate, to accommodate comments and to reflect new information or experience. This guide was revised as a result of substantive comments received from the public and additional staff review.

Comments should be sent to the Secretary of the Commission, U.S. Nuclear Regulatory Commission, Washington, D.C. 20555, Attention: Docketing and Service Branch.

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as a part of this standard are either identified at the point of reference or identified in Paragraph 5 of the standard. The specific acceptability of these listed documents has been or will be covered separately in other regulatory guides or in Commission regulations, where appropriate.

2. Subdivision 3.2.3 of ANSI N45.2.3-1973 includes general guidelines and requirements for fire protection and prevention. The requirements and guidelines of Subdivision 3.2.3 are not considered a part of this regulatory guide, since this subject is addressed separately in more detail in other NRC documents. Thus, a commitment to follow this regulatory guide does not imply a commitment to follow the guidelines and requirements of Subdivision 3.2.3.

3. Although ANSI N45.2.3-1973 is entitled "Housekeeping During the Construction Phase of Nuclear Power Plants," the requirements included in the standard, subject to the provision of Regulatory Position C.2, are considered to be applicable for

housekeeping activities occurring during the operations phase that are comparable to those occurring during the construction phase.

#### D. IMPLEMENTATION

The purpose of this section is to provide information to applicants regarding the NRC staff's plans for using this regulatory guide.

This guide reflects current NRC staff practice. Therefore, except in those cases in which the applicant proposes an acceptable alternative method for complying with specified portions of the Commission's regulations, the method described herein is being and will continue to be used in the evaluation of submittals for operating license or construction permit applications until this guide is revised as a result of suggestions from the public or additional staff review.



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