



U.S. ATOMIC ENERGY COMMISSION

February 1974

REGULATORY GUIDE

DIRECTORATE OF REGULATORY STANDARDS

REGULATORY GUIDE 1.74

QUALITY ASSURANCE TERMS AND DEFINITIONS

A. INTRODUCTION

Appendix B, "Quality Assurance Criteria for Nuclear Power Plants and Fuel Reprocessing Plants," of 10 CFR Part 50, "Licensing of Production and Utilization Facilities," establishes quality assurance requirements for the design, construction, and operation of nuclear power plant structures, systems, and components. This guide identifies quality assurance terms and acceptable definitions that are important to the understanding of these quality assurance requirements for the design, construction, and operation of nuclear power plant structures, systems, and components. This guide applies to all types of nuclear power plants. The Advisory Committee on Reactor Safeguards has been consulted concerning this guide and has concurred in the regulatory position.

B. DISCUSSION

Working Group N45-2.10 of the American National Standards Institute Standards Committee N45, Reactor Plants and Their Maintenance, has prepared a standard that contains certain terms and their definitions that are important to the understanding of the intent of required quality assurance practices for the construction of nuclear power plants. This standard was approved by subcommittee N45-2, Nuclear Quality Assurance Standards, of the American National Standards Institute Standards Committee N45 and the full committee and its Secretariat. It was subsequently approved and designated N45.2.10-1973 by the American National Standards Institute on May 31, 1973.

Although Section 1.1, "Scope," of ANSI N45.2.10-1973 states that the standard contains terms and their definitions that are important to the understanding of the intent of required quality assurance practices for the construction of nuclear power plants, these same terms are applicable to other phases of plant life, including design, preoperational and startup testing, and the operational phase.

C. REGULATORY POSITION

The quality assurance terms and definitions contained in ANSI N45.2.10-1973¹ are generally acceptable for use in describing and implementing quality assurance programs for the design, construction, and operation of nuclear power plant structures, systems, and components subject to the following:

The definition of "procurement documents" should be considered to include such documents as contracts, letters of intent, work orders, purchase orders, or proposals and their acceptances which authorize the seller to perform services or supply equipment, material, or facilities on behalf of the purchaser.

¹ ANSI N45.2.10-1973, "Quality Assurance Terms and Definitions," may be obtained from the American Society of Mechanical Engineers, 345 East 47th Street, New York, New York 10017.

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