

An American National Standard

**IEEE Standard Requirements for the
Calibration and Control of Measuring and
Test Equipment Used in Nuclear Facilities**

Sponsor

**Nuclear Power Engineering Committee of the
IEEE Power Engineering Society**

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IEEE Standards Board

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American National Standards Institute

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Comments on standards and requests for interpretations should be addressed to:

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Foreword

(This Foreword is not a part of ANSI/IEEE Std 498-1985, IEEE Standard Requirements for the Calibration and Control of Measuring and Test Equipment Used in Nuclear Facilities.)

This standard sets forth the Quality Assurance requirements for the calibration and control of measuring and test equipment used in the construction, maintenance, and modification of nuclear facilities. It is intended to be used in conjunction with ANSI/ASME NQA-1-1983, Quality Assurance Program Requirements for Nuclear Facilities and ANSI/ASME NQA-2-1983, Quality Assurance Requirements for Nuclear Power Plants.

This standard originally was prepared by the Institute of Electrical and Electronics Engineers (IEEE) in response to a request by American National Standards Committee N45, Reactor Plants and their Maintenance. The N45 committee was chartered to promote the development of standards for the location, design, construction and maintenance of nuclear reactors, and plants embodying nuclear reactors, including equipment, methods, and components specifically for this purpose.

In October of 1972, the IEEE Nuclear Power Engineering Committee established Subcommittee 8 (SC-8) to develop standards on Quality Assurance. A working group (SC-8.1) from this subcommittee was organized in April of 1973 to develop a standard to provide supplementary requirements for the calibration and control of measuring and test equipment used in the construction and maintenance of nuclear power generating stations. This work group was composed of representatives of key segments of the nuclear industry, including utilities, reactor suppliers, construction contractors, component manufacturers, consultants, and the United States Nuclear Regulatory Commission.

The revision of this standard of the requirements to include Nuclear Facilities other than Nuclear Power Generating Stations. Nuclear facilities include facilities for power generation, spent fuel storage, waste storage, fuel processing, plutonium processing, and fuel fabrication.

Suggestions for improvement gained in the use of this standard will be welcomed. They should be addressed to

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At the time of final subcommittee approval, the members of Subcommittee 8 of the IEEE Nuclear Power Engineering Committee were as follows:

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