

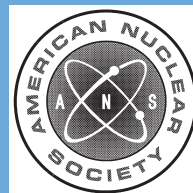
American Nuclear Society

for selection and training of
nuclear power plant personnel

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ANSI/ANS-3.1-1978
Revision of N18.1-1971

**American National Standard for
Selection and Training
of Nuclear Power Plant
Personnel**

**Secretariat
American Nuclear Society**

**Prepared by the
American Nuclear Society
Standards Committee
Working Group ANS-3.1**

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American National Standard

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Foreword

(This Foreword is not a part of the American National Standard for Selection and Training of Nuclear Power Plant Personnel, ANSI/ANS-3.1-1978, revision to N18.1-1971.)

The personnel of the operating organization who have the responsibility for the safe and efficient operation of a nuclear power plant throughout its operational lifetime must understand the complexities of the plant design and must be capable of properly manipulating the plant controls and maintaining and repairing the plant equipment.

The selection of the operating and support personnel for nuclear power plants and the training of these personnel to provide sound judgment, based on knowledge and experience of nuclear and power plant systems, are essential to the safe and successful operation of these plants.

This standard contains criteria for selection and training of nuclear power plant personnel. This standard was revised as required by procedures of the American National Standards Institute and updated to factor in industry experience with the original standard as well as changing regulatory requirements. Several sections throughout the standard had minor word changes for improved clarification that did not change the intent of the sections.

Definitions were added to elaborate on Nuclear Power Plant Experience, and definitions were also added for Off-Site Personnel, Licensed Operator, Licensed Senior Operator, and Owner Organization.

The following sections have increased nuclear power plant experience requirements and revisions to the credit given for college level experience to include credit for advanced degrees and special job oriented trainings: 4.2.3, 4.3.1, 4.4.1, 4.4.2, 4.4.4, 4.5.2.

Requirements were added for new positions which may be part of the owner organization due to the addition of quality assurance programs, commitments to regulatory guides, and requirements for review and audit as set forth in American National Standard Administrative Controls and Quality Assurance for the Operational Phase of Nuclear Power Plants, N18.7-1976 (ANS-3.2). These new positions are described in 4.4.4, 4.4.5 and 4.7.7.

The entire Section 5, "Training," was revised to provide better guidance for "hot" and "cold" license training, requalification training, and general employee training.

Guidance is also provided as to the application of military service experience to nuclear power plant experience.

An appendix was added to provide an example of a typical U.S. Nuclear Regulatory Commission approved reactor training program.

The membership of ANS-3 at the time of its approval of this standard was:

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Note: F. A. Palmer served as director for the effort to produce this revision.

The American National Standards Committee, N18, had the following membership at the time it approved this standard:

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