

DRAFT SUPPORTING STATEMENT
FOR
TRAINING AND QUALIFICATION OF NUCLEAR POWER PLANT PERSONNEL
10 CFR 50.120

DESCRIPTION OF THE INFORMATION COLLECTION

The provisions of 10 CFR 50.120(b)(1) and (2) require that applicants and licensees establish, implement, and maintain training programs for certain nuclear power plant personnel. Applicants and licensees are required to maintain and keep available for NRC inspection, records sufficient to document that the requirements of 10 CFR 50.120 have been met. Specifically, documents related to the establishment, implementation, and maintenance of the training programs must be maintained. Documentation demonstrating the job performance qualifications of personnel covered by 50.120, including certain categories of contractor personnel, are to be retained for each individual for the duration of employment.

A. JUSTIFICATION

1. Need for and Practical Utility of the Collection of Information

Section 306 of the Nuclear Waste Policy Act of 1982, Public Law 97-425, directed the NRC to promulgate regulations or other appropriate guidance establishing instructional requirements for the training and qualification of civilian nuclear power plant operators, supervisors, technicians and other appropriate operating personnel. The NRC undertook rulemaking in January 1992 in order to comply with a decision made in April 1990 by the U.S. Court of Appeals for the District of Columbia Circuit which concluded that NRC did not meet the intent of Section 306 when the agency published a non-binding policy statement rather than a prescriptive rule.

Section 50.120 requires that each applicant for and holder of an operating license for a nuclear power plant establish, implement, and maintain a training program for nuclear power plant personnel that provides qualified personnel to operate and maintain the facility in a safe manner in all modes of operation.

Section 50.120(b)(1) requires that applicants and licensees develop and maintain these training programs with an approach based on job performance requirements. Section 50.120 builds on existing industry practice related to training; therefore, training for the personnel covered by 50.120 has already been developed and implemented by the industry.

Section 50.120(b)(2) requires power plant applicants and licensees to periodically evaluate and revise the training program to reflect industry experience, changes to the facility, procedures, regulations, and quality assurance requirements. Section 50.120(b)(2) also requires periodic review of the training program by licensee

management and requires licensees and applicants to maintain and keep available for NRC inspection, materials sufficient to verify the adequacy of the training programs. Documents related to the establishment, implementation, and maintenance of the training programs must be maintained; documentation demonstrating the job performance qualifications of personnel performing in positions covered by 50.120, including contractor personnel, must be maintained for each individual for the duration of employment.

Requirements for recordkeeping related to the applicants' and licensees' training programs are necessary to ensure that the training programs are being effectively implemented and result in properly trained nuclear power plant personnel.

2. Agency Use of Information

Requirements for recordkeeping related to the applicants' and licensees' training programs are necessary to ensure that the training programs are being effectively implemented and maintained and result in properly trained nuclear power plant personnel. Routine compliance inspections are not planned.

3. Reduction of Burden through Information Technology

The NRC foresees no opportunity to reduce the burden or information submittal through use of information technology. Individual and program training records are unique and are not developed from other compiled information sources.

4. Effort to Identify Duplication and Use Similar Information

This information does not duplicate nor overlap other information collections made by the NRC or other government agencies, and no similar information is available. The records to be maintained are unique to the organization and are of importance only to the NRC. The Information Requirements Control Automated System (IRCAS) was searched, and no duplication was found.

5. Effort to Reduce Small Business Burden

No small businesses are affected by the information collection requirements.

6. Consequences to Federal Program or Policy Activities if the Collection is Not Conducted or is Conducted Less Frequently

Section 50.120 only specifies that the necessary records be maintained and kept available for NRC inspection to verify the adequacy of the training program. If these records are not maintained, it would not be possible to ensure that the training programs are being effectively implemented and maintained and result in properly trained nuclear power plant personnel.

7. Circumstances which Justify Variation from OMB Guidelines

Contrary to OMB guidelines, 50.120 requires sufficient records to be maintained to permit NRC verification of the adequacy of the programs. This results in retaining documentation related to establishing, implementing, and maintaining training programs and retaining documentation related to the job performance qualifications of personnel performing in positions covered by 50.120. This includes training records of contractor personnel who occupy regular positions working independently within the licensee's organization and short-term contractor personnel assigned to work independently. Pursuant to 50.71, program records are to be retained until termination of the license. Job performance qualifications are to be retained for each individual for the duration of employment. These record retention requirements will result in an auditable trail for ensuring that training is developed, evaluated, and revised based on job performance requirements, and that individuals are qualified to perform their jobs.

8. Consultations Outside the NRC

Notice of opportunity for public comment on this information collection has been published in the Federal Register.

9. Payment or Gift to Respondents

Not applicable.

10. Confidentiality of Information

The information is not available for public inspection. Some information is proprietary in nature.

11. Justification for Sensitive Questions

No sensitive information is requested.

12. Estimated Industry Burden and Burden Hour Cost

Approximately 65 power reactor sites are required to comply with this rule. The industry has been providing performance-based training since 1985 for the personnel covered by the rule. The documentation requirements contained in 50.120 are already being maintained by the licensees as they maintain and revise existing training programs. It is also anticipated that new licensees, if any, would develop training programs based on job performance requirements consistent with those currently conducted by licensees. Therefore, the recordkeeping burden associated with 50.120 has been confined to record retention associated with update and maintenance of required training programs.

50.120(b) Estimate of Annual Burden to Maintain Records Related to Training and Qualification

Number of Recordkeepers	Annual Burden Hours per Recordkeeper	Total Annual Burden	Total Annual Cost (\$156/hour)
65	780	50,700	\$7,909,200

The above burden to meet 50.120(b) for all required programs is comprised of the following elements for each licensee:

- (a) Job performance qualification documentation for individuals performing in the positions covered by 50.120 (100 hours/annually)
- (b) Documentation of the job performance qualifications for contract workers performing in positions covered by 50.120 (200 hours/annually)
- (c) Analyses for the positions covered by 50.120 (160 hours/annually)
- (d) The listing of learning objectives derived from the analyses (40 hours/annually)
- (e) Documentation related to the selection of instructional settings and methods; modes of implementation; training program materials and tests; and trainee tests and performance evaluations including on-the-job training records (100 hours/annually)
- (f) Records to determine program effectiveness (100 hours/annually)
- (g) Records of the program revisions (80 hours/annually)

50.120(b) Estimate of Initial Burden for New Applicants to Document Training Programs

The burden for initial documentation of the training program is estimated to be 1,440 hours (160 hours for each of nine different types of personnel). There are currently no new applicants (0 hours).

13. Estimate of Other Additional Costs

NRC has determined that the storage and equipment costs per foot are approximately \$45. The quantity of records to be maintained is roughly proportional to the recordkeeping burden. Based on the number of pages maintained for a typical clearance, the records storage cost has been determined to be equal to .0004 percent of the recordkeeping burden cost. Therefore, the storage cost for this clearance is estimated to be \$3,164 (50,700 hours x \$156 x .0004).

14. Estimated Annualized Cost to the Federal Government

There is no cost to the Federal government.

15. Reasons for Changes in Burden or Cost

The change in burden reflects a reduction in the number of power reactor sites and the use of a different value for hourly costs (\$156 per hour).

16. Publication for Statistical Use

This information will not be published.

17. Reason for Not Displaying the Expiration Date

The requirement is contained in a regulation. Amending the Code of Federal Regulations to display information that, in an annual publication, could become obsolete would be unduly burdensome and too difficult to keep current.

18. Exceptions to the Certification Statement

None.

B. COLLECTIONS OF INFORMATION EMPLOYING STATISTICAL METHODS

Not applicable.