

FINAL SUPPORTING STATEMENT FOR  
10 CFR PART 52  
EARLY SITE PERMITS; STANDARD DESIGN CERTIFICATIONS;  
AND COMBINED LICENSES FOR NUCLEAR POWER PLANTS

(OMB CLEARANCE NO. 3150-0151)

Renewal with Burden Revision Request

DESCRIPTION OF THE INFORMATION COLLECTION

The licensing processes in 10 CFR Part 52 provide for issuance of early site permits, standard design certifications, and licenses which combine construction permits and conditional operating licenses (combined licenses) for commercial nuclear power reactors. These licensing procedures are options to the two-step licensing process in 10 CFR Part 50, which provides for a construction permit and an operating license. Although Part 52 contains several information collection requirements, as discussed below, for the most part, it does not impose new burdens but instead changes the timing of the burdens from that required by Part 50. Indeed, it is to be expected that, even with the few burdens which Part 52 imposes, Part 52 actually reduces the paperwork burden borne by applicants for construction permits and operating licenses because Part 52 only requires a single application or relies on standardized designs.

A. JUSTIFICATION

Pursuant to the Atomic Energy Act of 1954, as amended, and Title II of the Energy Reorganization Act of 1974, the Commission issues licenses for the use of nuclear material in commercial power plants. These licenses are issued in accordance with such conditions as the NRC may by rule or regulation establish to effectuate the purposes and provisions of the statutes. Prior to the issuance of Part 52, the regulations provided for a two-step process of licensing in Part 50. Under this process, an applicant first applied for a construction permit, providing only preliminary design information. Then, as construction neared completion and design information became final, the applicant applied for an operating license. This process, involving as it did two separate applications and two submittals of design information, was cumbersome. The burden on both the applicant and the agency was compounded by the fact that most of the plants brought forward for licensing were custom-designed. Thus, information already in the possession of the agency was very often useless in reviewing a new design.

The regulations in 10 CFR Part 52 reduce these licensing burdens in principally two ways: first, by providing for the certification by rulemaking of standardized reactor designs, thus making it possible to use the same design information for the licensing of several plants; second, by providing for the issuance of a single license for both operation and construction, thus doing away with the necessity for two applications and two submittals of design information (Part 52 also provides for the approval of a nuclear power plant site in advance of the submission of any application for a construction permit for that site, but this provision will probably have a neutral effect on information collection burdens since it simply moves some of the issues usually resolved in a construction permit proceeding to an earlier stage). Of course, the principal aim in Part

52 is to enhance safety through the use of standardized designs; such designs permit more focused review and allow the industry to transfer experience in maintenance and operation from one plant to another more easily. A secondary aim is to reduce the licensing burdens on both the industry and the agency. Thus, the information collection requirements of Part 52, in the long run, will reduce the information collection burdens borne by applicants.

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

In what follows, each major Part 52 process which requires information collection is discussed. Part 52, as noted above, for the most part does not add to burdens but reallocates those burdens to earlier stages in the licensing process, or reduces them through the use of standardized designs. Thus, Part 52 often incorporates by reference information collection requirements set forth in 10 CFR Part 50 and other Parts of Title 10, Chapter I of the CFR.

Subpart A - Early Site Permits (ESP)

The Commission expects two new early site permit applications within the next three years.

Sections 52.15 and 52.17. These sections of 10 CFR Part 52 set forth the requirements for the contents of applications for early site permits, which represent Commission approval of sites for use for commercial nuclear power plants. These approvals are available to applicants even in advance of submittal of the preliminary design information which 10 CFR Part 50 requires of applicants for construction permits. In other respects, though, sections 52.15 and 52.17 require from applicants much of the information which 10 CFR Part 50 now requires of applicants for construction permits, such as an environmental report; the number, type, and thermal power level of the facilities for which the site may be used; the boundaries of the site; the proposed general location of each facility on site; the anticipated maximum levels of radiological and thermal effluents each such facility will produce, the type of cooling systems, intakes, and outflows that may be associated with each facility; the seismic, meteorologic, hydroponic, and geologic characteristics of the proposed site; the existing and projected future population profile of the area; and a showing that there are no significant impediments to the development of emergency planning for the area<sup>1</sup>. The only requirement in section 52.17 which is not already in Part 50 is the requirement for a plan for redress of the site if the permit should expire and the site has not been used for a nuclear power plant. It is estimated that such a plan would require roughly a staff-year to produce. Such a plan is required only of applicants who wish to be able to perform certain site preparation activities.

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<sup>1</sup> Section 52.17(b) also provides the applicant the option of submitting full or partial emergency plans. The burden of choosing this option is simply the burden of complying with 10 CFR 50.47 and the relevant portions of 10 CFR Part 50, Appendix E (OMB Clearance No. 3150-0011).

This information is needed by the Commission to perform its statutory duty of assessing and assuring an acceptable environmental effect of the contemplated nuclear power plant site, the safety and suitability of the subject site, and the adequacy of emergency planning and preparedness, in accordance with the applicable standards set forth in 10 CFR Part 50 and the Appendices thereto.

Section 52.29(a). This section of 10 CFR Part 52 contains requirements for a renewal application of any early site permit previously issued by the Commission. It requires the updating of information contained in the original application under 52.15 and 52.17. This information is needed for the same reasons and purposes set out above with respect to the applicant's original filing under 52.17. Section 52.29 imposes only a portion of the burden imposed by 10 CFR 50.55(d), which requires the updating of construction permits several years after issuance. Almost all of this information is required of applicants for construction permits by 10 CFR Part 50, but construction permit applicants who can reference an early site permit will not have to resubmit the information contained in the early site permit. Thus, the early site permit is a partial construction permit, a partial approval based on information submitted at the earliest possible time. Whatever is submitted then will not have to be submitted later. The Part 50 information collection requirements for applicants for construction permits have been cleared by OMB under clearance number 3150-0011. No renewal applications are expected during this clearance period. Thus, the relevant burden is zero.

Section 52.35. This section, while permitting the holder of an early site permit to put the site to non-nuclear use during the term of the permit, requires the holder to notify the agency of the non-nuclear use. This information is necessary so that the NRC may determine whether the non-nuclear use is consistent with the terms of the permit. It is projected that such notification, which would describe the non-nuclear use and discuss whether such use were consistent with eventual nuclear use of the site, would require roughly a staff-week to produce.

Three early site permit applications were submitted for review in 2003. If the Commission decides to issue permits based on these applications, they will likely do so during the three-year period covered by this renewal. However, the NRC has no reason to believe that any of the current early site permit applicants would seek to use the subject sites for non-nuclear uses during this reporting period. Therefore, the estimated burden for this item is zero.

#### Subpart B - Certifications of Standard Designs

The Commission expects four new design certification applications during the next three years. Based on recent communications with General Electric Company, the NRC expects to receive an application for certification of the Economic Simplified Boiling Water Reactor (ESBWR) design in mid- 2005. In addition, based on recent communications with Atomic Energy of Canada Limited Technologies, Inc., the NRC expects to receive an application for certification of the Advanced CANDU Reactor 700 (ACR-700) no earlier than late 2005. Preliminary discussions with other vendors have indicated that two additional design certification applications are likely in the next three years.

Subpart B of Part 52 provides for certification of a standardized design without specifying a particular site, the goal of which is to resolve all design issues that are technically relevant and not site-specific. Once certified, the design can be referenced in any number of applications for construction permits or combined licenses, thus making one submittal of design information serve for several licensing reviews.

Sections 52.45(d) and 52.47. These sections of 10 CFR Part 52 set forth the requirements for the contents of applications for the certification of a standard plant design. The information required is generally the design information already required of applicants for operating licenses under 10 CFR Parts 20, 50, 73, and 100, plus some additional information. Until the Commission makes its final decision on all safety questions associated with the design, procurement specifications and construction and installation specifications must be retained. The information collection requirements of Parts 20, 50, 73, and 100 are covered under OMB Clearances 3150-0014, 3150-0011, 3150-0002, and 3150-0093, respectively.

The additional information [52.47(a)(1)(iv)-(viii)] includes proposed resolutions of Unresolved Safety Issues (USI) and selected Generic Safety Issues (GSI); a design-specific probabilistic risk assessment (PRA); proposed inspections, tests, analyses, and acceptance criteria (ITAAC) for the design; and interface criteria for the site-specific portions of the design. The NRC staff needs to review such information to fulfill its statutory duty of determining whether the design meets the requirements of the Atomic Energy Act and the Commission's rules and regulations, and to ensure that the proposed standard design will provide reasonable assurance of adequate protection to public health and safety and provide for the common defense and security. Until the promulgation of Part 52, the Commission had not required the additional information be provided as part of an application for a construction permit or an operating license. However, as part of the NRC's process for addressing the information for facilities already licensed, the Commission had requested this information under existing and OMB-cleared provisions in Part 50. In addition, the utilities for recently licensed plants had provided the additional information even in the absence of any formal requirement to do so. Part 52 merely established the requirement that this information be provided as part of the design certification.

The requirement for ITAAC was established during the development of Part 52, in response to an industry request to identify those inspections, tests, and analyses, and related acceptance criteria that will be used to verify that a completed facility has been built and will operate in accordance with the approved design and applicable regulations. Thus, ITAAC establishes those requirements prior to construction of a facility. The requirement for ITAAC in a combined license was codified by the Energy Policy Act of 1992, which amended the Atomic Energy Act.

The estimates of the burdens for the additional information are based on the NRC's experience with four evolutionary designs that were reviewed under Subpart B to Part 52. The burden for addressing the USIs, GSIs, and interface

criteria is estimated at about 6,000 hours; the burden of preparing a design-specific PRA is estimated at about 60,000 hours; and the burden of preparing ITAAC is estimated at about 30,000 hours for each design. These estimates of burdens reflect only the resources required to meet new requirements for licensing facilities under Part 52. The estimates do not reflect the resources already required to develop and complete a design and its supporting safety analyses to meet the requirements of 10 CFR 20, 50, 73 and 100. Also, these estimates of burdens reflect that the evolutionary designs were based on existing designs about which considerable information is known.

Section 52.51. This section of 10 CFR Part 52 sets forth the procedure for certifying a standard design by rulemaking and, thereby, creating a rule that will be published in 10 CFR Part 52. In order to complete the proposed rule, the applicant for design certification must submit a document that provides the design related information, which was reviewed by the NRC staff, and that meets the requirements of the Office of the Federal Register for incorporation by reference in a rule. This document is known as the "Design Control Document" (DCD) and the estimated burden for preparing a DCD is 4,000 hours.

Section 52.57(a). This section of 10 CFR Part 52 provides a procedure for application for renewal of a design certification. The regulation requires updating any of the information that was submitted under 52.45 or 52.47. This updating of information is required by the Commission staff to make the determinations under 52.48. The burden of this updating is comparable to the burden of meeting the Commission's current requirement for annual updates of the licensee's Final Safety Analysis Report (FSAR). The latter burden entails about 1,000 staff hours a year. We estimate that the burden of updating the information in a design certification which has been in effect for 15 years is 10,000 staff hours, or a burden equivalent to 10 annual updates of an FSAR under current regulations. Further, until the Commission has determined whether to renew the certification, all procurement specifications and construction and installation specifications necessary to make a safety determination regarding an application for renewal of a design certification must be retained until the Commission makes its safety determination. No burden is anticipated during the next three years.

Section 52.63(b)(2). This section requires that licensees who reference a standard design certification must maintain records of all changes to the facility, and these records must be available for audit until the date of termination of that license. This recordkeeping burden is essentially the same as for currently licensed facilities under Part 50 and is covered under OMB Clearance 3150-0011.

Section 52.63(c). This section of 10 CFR Part 52 requires applicants for construction permits, operating licenses, or combined licenses who reference standard design certifications to acquire or complete, and make available for audit, detailed design-related information normally contained in procurement, construction, and installation specifications. This burden is equivalent to the burden on applicants for nuclear power plants under 10 CFR Part 50 and is



covered under OMB Clearance 3150-0011. This information must be retained until the Commission makes its safety determination.

### Subpart C - Combined Licenses

Based on recent discussions with the Department of Energy, which has solicited industry interest in preparing co-funded combined license applications, and with the Nuclear Energy Institute (NEI), two combined license applications are expected in the next three years.

Sections 52.75, 52.77, 52.79, 52.89 and 52.91(a)(2). These sections of Part 52 set forth requirements for content of applications for combined licenses, which Section 161h of the Atomic Energy Act makes available. Section 161h says that the Commission may combine in a single license activities licensed separately; Part 52 does that for construction permits and operating licenses. It thus requires that the design information normally not submitted until construction is complete be submitted before construction. Once submitted and approved, this design information then does not have to be reconsidered after construction is nearing completion. Ideally, the applicant for this "combined license" would incorporate by reference both an early site permit and a certified design and thus have to submit only a fraction of the information submitted for a construction permit and operating license under Part 50. Thus, the chief information collection requirements for combined licenses state that, if the application for a combined license does not reference an early site permit or a certified design, it must contain the information the site permit or certification would have contained. With regard to the requirements for antitrust and emergency planning information, Part 52's requirements are the requirements of 10 CFR 50.33a, and 50.47, already reviewed and cleared by OMB. In all other respects except those discussed below, sections 52.75, 52.77, 52.79, and 52.89 constitute the same burdens and are supported by the same justifications as sections 52.15, 52.17, 52.45, and 52.47. The information collection requirements in 52.91(a)(2) are the same as 52.79(a)(3).

Sections 52.78 and 52.79(b). The recordkeeping burden required by section 52.78 is the same as the requirement for 50.120, which is covered under OMB clearance 3150-0011. Also, a small recordkeeping burden is required by section 52.79(b). Procurement specifications and construction and installation specifications necessary to make a safety determination regarding an application for a combined license referencing a standard design certification must be retained until the Commission determines that the facility has been constructed and will be operated in conformity with the license.

Section 52.79(c). This section of Part 52 requires that applicants for a combined license include the proposed inspections, tests, and analyses which the licensee shall perform and the acceptance criteria therefor which are necessary and sufficient to provide reasonable assurance that, if the inspections, test and analyses are performed and the acceptance criteria met, the facility has been constructed and will operate in conformity with the combined license, the provisions of the Atomic Energy Act, and the NRC's regulations. This

information would not be required of an applicant under the Part 50 licensing process and therefore is an additional information collection under Part 52 with an estimated annual burden of 40,000 hours for an applicant that does not reference a certified design. The estimated annual burden for an applicant that does reference a certified design is 10,000 hours.

Section 52.99. After issuance of the combined license, the licensee shall perform the inspections, tests, and analyses identified in the license and must maintain records sufficient for the NRC to ensure that the prescribed acceptance criteria have been met. This information is essentially the same as that required under Part 50; however, the records must demonstrate that the ITAAC identified in the license have been met. These records must be retained until the Commission determines that the facility has been constructed and will be operated in conformity with the license.

#### Appendices A , B & C - Design Certification Rules

These appendices to 10 CFR Part 52 constitute the standard design certifications for the U.S. Advanced Boiling Water Reactor (ABWR), System 80+, and AP600 designs, in accordance with Part 52, Subpart B, and allow interested parties to reference either of these designs in an application for a combined license. In general, there are no new information collection requirements in these appendices that are not already covered in the OMB clearances for 10 CFR Parts 50 and 52. However, the appendices do add an incremental reporting burden (X.B.3.c).

Section X.B.3.c. This section of 10 CFR Part 52 requires that, during the period of construction of a facility that references these design certification rules, reports on changes to the design must be submitted quarterly. This reporting frequency is four times the frequency of the existing reporting requirements under 10 CFR 50.59. However, the summary information that is required to be reported has not changed and the number of changes should be correspondingly reduced by a factor of four because of the shorter reporting interval. The reporting requirements of 10 CFR 50.59 are covered by OMB clearance 3150-0011. These reports generally consist of only a few pages and, therefore, this section will only require a slight additional burden for reporting the information at quarterly intervals. The construction period will be approximately 6 years in duration and the additional burden will be 24 hours per year, however, no burden is anticipated during the next three years because no construction of new plants is anticipated during this time period.

## 2. Agency Use of Information

In general, the information submitted pursuant to the sections enumerated above is reviewed by various NRC offices charged with the responsibility of assuring that licensed activities are conducted in accordance with the law. The information collected is used to assess the adequacy and suitability of the applicant's site, plant design, construction, training and experience, and plans and procedures for the protection of public health and safety. The NRC review

of such information, and the findings derived from that information, will form the basis of Commission decisions and actions concerning the issuance, modification, or revocation of site permits, design certifications, and combined licenses for nuclear power reactor plants.

3. Reduction of Burden Through Information Technology

There are no legal obstacles to reducing the burden associated with this information collection. The NRC encourages respondents to use new automated information technology when it would be beneficial to them. NRC issued a regulation on October 10, 2003 (68 FR 58792), consistent with the Government Paperwork Elimination Act, which allows its licensees, vendors, applicants, and members of the public the option to make submissions electronically via CD-ROM, e-mail, special Web-based interface, or other means. It is estimated that approximately 90% of the potential responses are filed electronically.

4. Effort to Identify Duplication and Use Similar Information

In general, information required by the NRC in applications, reports, or records concerning the licensing of nuclear power plants or the granting of a construction permit does not duplicate other Federal information collection requirements. This information is not available from any source other than the applicants or licensees involved. The Information Requirements Control Automated System (IRCAS) was searched for duplication, and none was found.

However, in the applications and reports described herein, the applicant may incorporate by reference earlier submissions where appropriate. Indeed, one of the two principal aims of design certification is to make it unnecessary to collect the same information from multiple applicants for operating licenses.

5. Effort to Reduce Small Business Burden

The information collection required by this regulation will not be a burden on small business since only large companies have the technical and financial resources to support the large capital investment required to design and construct these nuclear power plants. Therefore, small business will not be seeking the permits, certifications, and licenses made available by this part.

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

This information is not collected on a repetitive basis from a single applicant. Indeed, the idea of the regulation is to avoid collecting similar information even from other applicants. Thus, in one sense, the rule provides for less frequent collection. However, the NRC cannot collect the information any less frequently than provided in this rule. Less frequent collection of the information required by this regulation would compromise NRC ability to make appropriate licensing decisions and adversely affect the administration of the duties of the



Commission under the law. Applications are required only when licensing action is sought.

7. Circumstances Which Justify Variation from OMB Guidelines

For the recordkeeping requirement of 10 CFR 52.63(b)(2), the retention period is "until the date of termination of the license" to ensure that the health and safety of the public will not be affected adversely by design changes that could impact the operation of the facility.

8. Consultation Outside the Agency

The NRC closely coordinated this effort with the nuclear industry when the rule was promulgated in 1989. Since then, the NRC coordinated the design certification of four applications under Part 52 with the applicants and NEI. The NRC has held public workshops on issues pertinent to design certification rules and the procedures under which such rules will be promulgated. In addition, the NRC issued a paper on the combined license review process for public comment in May 1998. The NRC is in the process of reviewing three early site permit applications and had numerous public meetings with representatives of the nuclear power industry on generic early site permit issues prior to and during review of the three applications. NRC staff in the Office of Nuclear Reactor Regulation have spoken on several occasions with representatives from NEI and from various nuclear steam supply system vendors about the expected submittal of combined license and design certification applications and the estimates of the number of expected applications is based largely on these discussions.

The opportunity for public comment on the information collections was published in the Federal Register on February 9, 2005, (70 FR 6912). No comments were received.

9. Payment or Gift to Respondents

Not applicable.

10. Confidentiality of Information

The collection of information required by the regulation comports with the guidelines set out in 5 CFR 1320.5 with the exception of requiring respondents to submit proprietary information to the extent necessary for a complete application under Part 52 (see 5 CFR 1320.5(d)(2)(viii)). This requirement is necessary to satisfy statutory requirements that the Commission must be able to investigate and analyze the prospective operation of the plant in question as well as follow any paper trail through the siting and construction process (see Section 182 of the Atomic Energy Act). The Commission's regulations and case law provide adequate protection for an applicant's proprietary information.

11. Justification for Sensitive Questions

No sensitive questions are asked in 10 CFR Part 52.

12. Estimate of Industry Burden and Burden Hour Cost

See the attached Burden Tables.

13. Estimate of Other Additional Costs

None

14. Estimated Annualized Cost to the Federal Government

The Commission estimates that the NRC staff will spend approximately 35,000 hours annually to review the "Total Burden" imposed by Part 52. This estimate is based upon NRC staff experience with the four evolutionary standard designs under Subpart B to Part 52, and recent experience reviewing three early site permit applications under Subpart A to Part 52. This estimate is only for costs for reviews of Part 52 requirements, and does not include estimates for reviews covered under other regulations listed in the burden table, including 10 CFR 20, 50, 73, and 100.

This cost would be fully recovered through license fees assessed to NRC licensees pursuant to 10 CFR Parts 170 and/or 171.

15. Reasons for Change in Burden

The estimated burden will decrease by 26,639 hours from 211,820 to 185,181 hours. During the next 3-year clearance cycle, the NRC expects to receive 2 early site permit applications, 4 design certification applications, and 2 combined license applications, or 3 respondents submitting 5 responses annually at an estimated burden of 37,036 hours per response.

During the last clearance cycle, the NRC overestimated the burden of 211,820 by 3 times its amount. The burden should have been 70,507 hours (a 141,213 hour overstatement) because the number of respondents to this collection (estimated to be 3 early site permit applicants, 1 design certification applicants, and 2 combined license applicants over the 3 year period) was not annualized.

The difference in burden hour estimates since the last clearance cycle is attributed to a decrease of 4,555 hours for Subpart A: Early Site Permits, an increase of 33,300 hours for Subpart B: Standard Design Certifications, and a decrease of 55,384 hours for Subpart C: Combined Licenses, for a total decrease of 26,639 hours.

16. Publication for Statistical Use

This information will not be published for statistical use.

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

Statistical methods are not used in this information collection.

**TABLE 1  
ANNUAL REPORTING BURDEN REQUIREMENTS  
10 CFR PART 52**

<b>Section</b>	<b>Number of Respondents</b>	<b>Responses per Respondent</b>	<b>Total Responses</b>	<b>Burden Per Response</b>	<b>Total Annual Burden Hours</b>	<b>Cost @ \$157/Hr.</b>
<b>Subpart A: Early Site Permits</b>						
<b>52.15(b)</b> - Burden covered under 10 CFR 50.30(a), (b), and (f), approved by OMB under Clearance No. 3150-0011						
<b>52.17(a)(1)</b> - Burden covered under 10 CFR 50.33(a) - (d), 50.33(g) & (j), and 50.34(a)(12) and (b)(10) & 50.34(b)(6)(v), approved by OMB under Clearance No. 3150-0011						
<b>52.17(a)(2)</b> - Burden covered under 10 CFR 51.45 and 51.50, approved by OMB under Clearance No. 3150-0021						
<b>52.17(b)</b> - Burden covered under 10 CFR 50.47 and 10 CFR Part 50, Appendix E, Section II, approved by OMB under Clearance No. 3150-0011						
<b>52.17(c)</b>	1	0.666	0.666	1,900	1,265	\$198,668
<b>52,29(a)</b> - Burden covered under 10 CFR 50.55(d) [as applied to construction permits], approved by OMB under Clearance No. 3150-0011						
<b>52.35</b>	0	0	0	40	0	0

**TABLE 1  
ANNUAL REPORTING BURDEN REQUIREMENTS  
10 CFR PART 52**

<b>Section</b>	<b>Number of Respondents</b>	<b>Responses per Respondent</b>	<b>Total Responses</b>	<b>Burden Per Response</b>	<b>Total Annual Burden Hours</b>	<b>Cost @ \$157/Hr.</b>
<b>Subpart B: Standard Design Certifications</b>						
<b>52.45(c) &amp; (d)</b> - Burden covered under 10 CFR 50.30(a)(1)-(4) & (6) and (b) [as applied to construction permits], approved by OMB under Clearance No. 3150-0011						
<b>52.47(a)(1) (I)-(iii), (ix), (a)(2), and (a)(3)</b> - Burden covered under 10 CFR Parts 20, 50, 73 and 100; approved by OMB under Clearance Nos. 3150-0014, 3150-0011, 3150-0002, and 3150-0093						
<b>52.47(a)(1) (iv)-(viii)</b>	1.333	1	1.333	60,000 (PRA)	79,980	\$12,556,860
				30,000 (ITAAC)	39,990	\$6,278,430
				6,000 (USES/GEIS and interface requirements)	7,998	\$1,255,686
<b>52.51</b>	1.333	1	1.333	4,000	5,332	\$837,124
<b>52.57(a)</b> * (No burden anticipated)	0	0	0	10,000	0	0
<b>52.63(c)</b> - Burden covered under 10 CFR 50.34 and approved by OMB under Clearance No. 3150-0011						



**TABLE 1  
ANNUAL REPORTING BURDEN REQUIREMENTS  
10 CFR PART 52**

<b>Section</b>	<b>Number of Respondents</b>	<b>Responses per Respondent</b>	<b>Total Responses</b>	<b>Burden Per Response</b>	<b>Total Annual Burden Hours</b>	<b>Cost @ \$157/Hr.</b>
<b>Subpart C: Combined Licenses</b>						
<b>52.75</b> - Burden covered under 10 CFR 50.30(a) and (b), approved by OMB under Clearance No. 3150-0011						
<b>52.79(a)(1) and (a)(2)</b> - Burden covered under 10 CFR 51.45 and 51.50, approved by OMB under Clearance No. 3150-0021						
<b>52.79(a)(3)</b> - Burden covered under 52.17(c)						
<b>52.79(b)</b> - Burden covered under 10 CFR 50.34 and approved by OMB under Clearance No. 3150-0011. The bulk of the burden may be met by referencing a design certification.						
<b>52.47(a)(1) (ii), (iv), &amp; (v)</b> - if application does not reference a design certification	1	0.666	0.666	60,000 (PRA)	39,960	\$6,273,720
				6,000 USI/GSI & Interface Requirements	3,996	\$627,372
<b>52.79(c) **</b> - 10,000 for ITAAC, for applications which reference a design certification.	1	0.666	0.666	10,000	6,660	\$1,045,620
<b>52.91(a)(2)</b> - Burden covered under 52.17(c)						

**TABLE 1  
ANNUAL REPORTING BURDEN REQUIREMENTS  
10 CFR PART 52**

<b>Section</b>	<b>Number of Respondents</b>	<b>Responses per Respondent</b>	<b>Total Responses</b>	<b>Burden Per Response</b>	<b>Total Annual Burden Hours</b>	<b>Cost @ \$157/Hr.</b>
<b>Appendix A: ABWR Design Certification Rule</b>						
<b>X.B.3.c</b> - 8 hours for a quarterly report - none expected during this clearance period	0	0	0	0	0	0
<b>Appendix B: System 80+ Design Certification Rule</b>						
<b>X.B.3.c</b> - 8 hours for a quarterly report - none expected during this clearance period	0	0	0	0	0	0
<b>Appendix C: AP600 Design Certification Rule</b>						
<b>X.B.3.c</b> - 8 hours for a quarterly report - none expected during this clearance period	0	0	0	0	0	0
<b>Total Part 52 Reporting</b>			4.664		185,181	\$29,073,480

\* § 52.57(a) provides a procedure for application for renewal of a design certification. No burden is anticipated during the next three years

\*\* § 52.79(c) has 10,000 burden hours per response for ITAAC if the application references a design certification, 40,000 burden hours per response if the application does not reference a design certification. The most likely scenario is that the application will reference a design certification.

**TABLE 2  
ANNUAL RECORDKEEPING BURDEN REQUIREMENTS  
10 CFR PART 52**

<b>Section</b>	<b>Number of Recordkeepers</b>	<b>Burden Hrs. per Recordkeeper</b>	<b>Total Annual Burden Hours</b>	<b>Cost @ \$157/Hr.</b>
<b>52.47(a)(2)</b> - Covered under OMB Clearance 3150-0011 for 10 CFR 50				
<b>52.57(a)</b> - Covered under OMB Clearance 3150-0011 for 10 CFR 50				
<b>52.63(b)(2)</b> - Covered under OMB Clearance 3150-0011 for 10 CFR 50				
<b>52.63(c)</b> - Covered under OMB Clearance 3150-0011 for 10 CFR 50				
<b>52.78</b> - Covered under OMB Clearance 3150-0011 for 10 CFR 50				
<b>52.79(b)</b> - Covered under OMB Clearance 3150-0011 for 10 CFR 50				
<b>52.99</b> - Covered under OMB Clearance 3150-0011 for 10 CFR 50				

**THERE IS NO SEPARATE RECORDKEEPING BURDEN FOR 10 CFR PART 52.**

Number of Responses: 5  
 Number of Respondents: 3  
 Total Burden Hours: 185,181 hours (reporting) (37,036 hours per response)  
 Total Burden Hour Cost: \$29,073,480

Subpart A: Commission expects 2 Early Site Permit Applications in the next 3 years ( $2/3 = 0.666$  response/year). 1 respondent is expected to report for this subpart, for a total 0.666 response over the next 3 years.

Subpart B: Commission expects 4 Design Certification Applications over the next 3 years ( $4/3 = 1.333$  responses/year). 2 respondents are expected to report for this subpart, for a total of 2.666 responses over the next 3 years.

Subpart C: DOE & NEI expect 2 combined license applications in the next 3 years ( $2/3 = 0.666$  response/year). 2 respondents are expected to report for this subpart, for a total 1.332 responses over the next 3 years.

Appendices A, B, & C: No burden is anticipated during the next 3 years because no construction of new plants is anticipated.

Total responses are 4.664 ( $0.666 + 2.666 + 1.332 + 0$ ), which is rounded up to 5 responses.

