

PAPERWORK REDUCTION ACT SUBMISSION

*Designated Original
Nuclecs*

Please read the instructions before completing this form. For additional forms or assistance in completing this form, contact your agency's Paperwork Clearance Officer. Send two copies of this form, the collection instrument to be reviewed, the Supporting Statement, and any additional documentation to: **Office of Information and Regulatory Affairs, Office of Management and Budget, Docket Library, Room 10102, 725 17th Street NW, Washington, DC 20503.**

1. Agency/Subagency originating request U.S. Nuclear Regulatory Commission		2. OMB control number <input type="checkbox"/> a. 3150 - 0021 <input type="checkbox"/> b. None	
3. Type of information collection (<i>check one</i>) <input type="checkbox"/> a. New collection <input checked="" type="checkbox"/> b. Revision of a currently approved collection <input type="checkbox"/> c. Extension of a currently approved collection <input type="checkbox"/> d. Reinstatement, without change , of a previously approved collection for which approval has expired <input type="checkbox"/> e. Reinstatement, with change , of a previously approved collection for which approval has expired <input type="checkbox"/> f. Existing collection in use without an OMB control number		4. Type of review requested (<i>check one</i>) <input checked="" type="checkbox"/> a. Regular <input type="checkbox"/> c. Delegated <input type="checkbox"/> b. Emergency - Approval requested by (date): _____	
		5. Will this information collection have a significant economic impact on a substantial number of small entities? <input type="checkbox"/> a. Yes <input checked="" type="checkbox"/> b. No	
		6. Requested expiration date <input checked="" type="checkbox"/> a. Three years from approval date <input type="checkbox"/> b. Other (Specify): _____	
7. Title 10 CFR Part 51, Environmental Protection Regulations for Domestic Licensing and Related Regulatory Functions			
8. Agency form number(s) (<i>if applicable</i>)			
9. Keywords Reporting and recordkeeping requirements, Nuclear power plants and reactors			
10. Abstract Part 51 specifies environmental information that must be submitted by nuclear power reactors and large materials facilities so that NRC can ensure that the environmental protection policies set forth in the National Environmental Policy Act of 1969 are adhered to.			
11. Affected public (<i>Mark primary with "P" and all others that apply with "X"</i>) <input type="checkbox"/> a. Individuals or households <input type="checkbox"/> d. Farms <input checked="" type="checkbox"/> b. Business or other for-profit <input type="checkbox"/> e. Federal Government <input type="checkbox"/> c. Not-for-profit institutions <input type="checkbox"/> f. State, Local or Tribal Government		12. Obligation to respond (<i>Mark primary with "P" and all others that apply with "X"</i>) <input type="checkbox"/> a. Voluntary <input type="checkbox"/> b. Required to obtain or retain benefits <input checked="" type="checkbox"/> c. Mandatory	
13. Annual reporting and recordkeeping hour burden a. Number of respondents <u>29</u> b. Total annual responses <u>27</u> 1. Percentage of these responses collected electronically <u>0.0</u> % c. Total annual hours requested <u>60,288</u> d. Current OMB inventory <u>38,410</u> e. Difference <u>21,878</u> f. Explanation of difference 1. Program change _____ 2. Adjustment <u>21,878</u>		14. Annual reporting and recordkeeping cost burden (<i>in thousands of dollars</i>) a. Total annualized capital/startup costs <u>0</u> b. Total annual costs (O&M) <u>0</u> c. Total annualized cost requested <u>0</u> d. Current OMB inventory <u>0</u> e. Difference <u>0</u> f. Explanation of difference 1. Program change _____ 2. Adjustment _____	
15. Purpose of information collection (<i>Mark primary with "P" and all others that apply with "X"</i>) <input type="checkbox"/> a. Application for benefits <input type="checkbox"/> e. Program planning or management <input checked="" type="checkbox"/> b. Program evaluation <input type="checkbox"/> f. Research <input type="checkbox"/> c. General purpose statistics <input checked="" type="checkbox"/> g. Regulatory or compliance <input type="checkbox"/> d. Audit		16. Frequency of recordkeeping or reporting (<i>check all that apply</i>) <input checked="" type="checkbox"/> a. Recordkeeping <input type="checkbox"/> b. Third-party disclosure <input checked="" type="checkbox"/> c. Reporting <input checked="" type="checkbox"/> 1. On occasion <input type="checkbox"/> 2. Weekly <input type="checkbox"/> 3. Monthly <input type="checkbox"/> 4. Quarterly <input type="checkbox"/> 5. Semi-annually <input type="checkbox"/> 6. Annually <input type="checkbox"/> 7. Biennially <input type="checkbox"/> 8. Other (describe) _____	
17. Statistical methods Does this information collection employ statistical methods? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		18. Agency contact (<i>person who can best answer questions regarding the content of this submission</i>) Name: <u>Debra McCain</u> Phone: <u>301-415-1219</u>	

19. Certification for Paperwork Reduction Act Submissions

On behalf of this Federal agency, I certify that the collection of information encompassed by this request complies with 5 CFR 1320.9.

NOTE: The text of 5 CFR 1320.9, and the related provisions of 5 CFR 1320.8 (b) (3), appear at the end of the instructions. *The certification is to be made with reference to those regulatory provisions as set forth in the instructions.*

The following is a summary of the topics, regarding the proposed collection of information, that the certification covers:

- (a) It is necessary for the proper performance of agency functions;
- (b) It avoids unnecessary duplication;
- (c) It reduces burden on small entities;
- (d) It uses plain, coherent, and unambiguous terminology that is understandable to respondents;
- (e) Its implementation will be consistent and compatible with current reporting and recordkeeping practices;
- (f) It indicates the retention periods for recordkeeping requirements;
- (g) It informs respondents of the information called for under 5 CFR 1320.8 (b) (3):
 - (i) Why the information is being collected;
 - (ii) Use of information;
 - (iii) Burden estimate;
 - (iv) Nature of response (voluntary, required for a benefit, or mandatory);
 - (v) Nature of extent of confidentiality; and
 - (vi) Need to display currently valid OMB control number;
- (h) It was developed by an office that has planned and allocated resources for the efficient and effective management and use of the information to be collected (see note in Item 19 of the instructions);
- (i) It uses effective and efficient statistical survey methodology; and
- (j) It makes appropriate use of information technology.

If you are unable to certify compliance with any of these provisions, identify the item below and explain the reason in Item 18 of the Supporting Statement.

Signature of Authorized Agency Official	Date
Signature of Senior Official or designee 	Date 12/23/99
Brenda Jo. Shelton, NRC Clearance Officer, Office of the Chief Information Officer	

FINAL SUPPORTING STATEMENT
FOR
10 CFR PART 51

"ENVIRONMENTAL PROTECTION REGULATIONS FOR DOMESTIC LICENSING
AND RELATED REGULATORY FUNCTIONS"

(OMB CLEARANCE NO. 3150-0021)

EXTENSION/REVISION

DESCRIPTION OF THE INFORMATION COLLECTION

The 10 CFR Part 51 information collection requirements apply to NRC's domestic licensing and related regulatory functions that apply to protecting the environment. These regulations do not apply to export licensing matters or to any environmental effects which NRC's domestic licensing and regulated regulatory functions may have upon the environment of foreign nations. 10 CFR Part 51 implements Section 102(2) of the National Environmental Policy Act of 1969, as amended. The information submitted aids the Commission in complying with the NEPA provisions in its review of an application for a permit, license or other form of permission, or amendment to or renewal of a permit, license or other form of permission, or a petition for rulemaking.

Section 51.6 requires that persons, who wish to seek an exemption to requirements in Part 51, submit an application for exemption. The Commission may also grant an exemption to requirements in Part 51 that it determines are authorized by law and in the public interest, even in the absence of a submittal.

Section 51.16(b) requires that persons, who wish to have proprietary information withheld from public disclosure, submit a request justifying the withholdings pursuant to 10 CFR 2.790. This information is needed by NRC to determine if the applicant's/licensee's reasons are valid and if the information qualifies for exemption from disclosure. The Office of Nuclear Reactor Regulation (NRR) or the Office of Nuclear Material Safety and Safeguards (NMSS) staff, in consultation with the Office of the General Counsel (OGC), will promptly determine whether the justification supports a finding that the information is qualified to be tracked as proprietary. Should staff determine the request to be justified, disclosure is withheld. Should staff determine the request to be unjustified, OGC reviews the bases for the denial of the request, and the applicant/licensee is notified within two weeks of the OGC review.

Sections 51.41 and 51.45(a) require that certain persons submit environmental information and environmental reports (ERs), respectively. These persons may be applicants for initial or renewal permits, licenses or other forms of permission; or petitioners for rulemakings. The ERs are submitted to NRR or NMSS for its use in preparing an Environmental Assessment (EA) or Draft Environmental Impact Statement (DEIS). Subsequent to the receipt of public comments on the DEIS, NRC staff prepares a Final Environmental Impact Statement (FEIS). Environmental Impact Statements give detailed consideration to the environmental impacts associated with construction, initial operation or continued operation of a proposed facility or complex cases for decommissioning materials licensees and assess such impacts within the

framework of a range of reasonable alternatives. Without the information provided in the ER, NRC cannot evaluate environmental impacts or prepare EAs, DEISs or FEISs as required by Section 102(2) of the National Environmental Policy Act (NEPA) and Part 51. The NRC review normally begins within 30 days of receipt of the ER.

Section 51.45(b) requires that the ER contain a description of the proposed action, a statement of its purposes, a description of the environment affected, and a discussion of the following considerations: (1) the impact of the proposed action on the environment, (2) any adverse environmental effects which cannot be avoided should the proposal be implemented, (3) alternatives to the proposed action, (4) the relationship between local short-term uses of man's environment and the maintenance and enhancement of long-term productivity, and (5) any irreversible and irretrievable commitments of resources which would be involved in the proposed action should it be implemented.

Section 51.45(c) requires that the ER include an analysis which considers and balances the environmental effects of the proposed action, the environmental impacts of alternatives to the proposed action, and alternatives available for reducing or avoiding adverse environmental effects. Except for ERs prepared for nuclear power reactors at the license renewal stage, the analysis in the ER should also include consideration of the economic, technical, and other benefits and costs of the proposed action and of alternatives. ERs prepared for nuclear power reactors at the license renewal stage need not discuss certain issues. These issues include the economic or technical benefits and costs of either the proposed action or alternatives except insofar as such benefits and costs are either essential for a determination regarding the inclusion of an alternative in the range of alternatives considered or relevant to mitigation, nor need they discuss other issues not related to the environmental effects of the proposed action and alternatives.

Section 51.50 (Environmental Report - Construction Permit Stage) requires that an applicant for a permit to construct a production or utilization facility, that is within the purview of Section 51.20, submit information specified in Sections 51.45, 51.51, and 51.52.

Section 51.51 (Uranium Fuel Cycle Environmental Data - Table S-3) requires that every ER prepared for the construction permit stage of a light-water-cooled nuclear power reactor, and submitted on or after September 4, 1979, shall take Table S-3, Table of Uranium Fuel Cycle Environmental Data, as the basis for evaluating the contribution of the environmental effects of uranium mining and milling, the production of uranium hexafluoride, isotopic enrichment, fuel fabrication, reprocessing of irradiated fuel, transportation of radioactive materials and management of low-level wastes and high-level wastes related to uranium fuel cycle activities to the environmental costs of licensing the nuclear power reactor. Table S-3 shall be included in the environmental report and may be supplemented by a discussion of the environmental significance of the data set forth in the table as weighed in the analysis for the proposed facility.

Section 51.52 (Environmental Effects of Transportation of Fuel and Waste - Table S-4) requires that every ER prepared for the construction permit stage of a light-water-cooled nuclear power reactor, and submitted after February 4, 1975, shall contain a statement concerning

transportation of fuel and radioactive wastes to and from the reactor. That statement shall indicate that the reactor and this transportation either meet all of the conditions in paragraph (a) of this section or all of the conditions in paragraph (b) of this section.

Section 51.53(a) (Post-Construction Environmental Reports) allows that an ER may incorporate, by reference, any information contained in a prior ER or supplement thereto that relates to the production or utilization facility or any information contained in a final environmental document previously prepared by the NRC staff that relates to the production or utilization facility.

Section 51.53(b) requires that an applicant submit supplemental information to the ER with the application for an operating license. The applicant only needs to discuss matters described in 51.45, 51.51, and 51.52 to the extent that they differ from those described in the NRC's FEIS in connection with the construction permit. In addition, the ER is not required to include discussions of (1) the need for power, (2) alternative energy sources, (3) alternative sites for the facility, or (4) any aspect of the storage of spent fuel within the scope of the generic determination in Section 51.23(a) and in accordance with Section 51.23(b).

Section 51.53(c) requires that an applicant for a renewal of an operating license submit an ER with the application. The ER must contain a description of the proposed action, including the applicant's plans to modify the facility or its administrative control procedures as described in accordance with Section 54.21. The ER must describe in detail the modifications directly affecting the environment or affecting plant effluents that affect the environment. In addition, the applicant shall discuss the environmental impacts of alternatives and any other matters described in Section 51.45. The ER is not required to include discussions of (1) need for power, (2) the economic costs and economic benefits of the proposed action or of alternatives to the proposed action except insofar as such costs and benefits are either essential for a determination regarding the inclusion of an alternative in the range of alternatives considered or relevant to mitigation, (3) other issues not related to the environmental effects of the proposed action and the alternatives, or (4) any aspect of the storage of spent fuel for the facility within the scope of the generic determination in Section 51.23(a) and in accordance with Section 51.23(b).

For those applicants seeking an initial renewal license and holding either an operating license or construction permit as of June 30, 1995, the ER shall include the information required in paragraph (c)(2) of Section 51.53, but is not required to contain analyses of the environmental impacts of certain license renewal issues identified as Category 1 (generically analyzed) issues in Appendix B to Subpart A of Part 51. The ER must contain analyses of the environmental impacts of the proposed action, including the impacts of refurbishment activities, if any, associated with license renewal and the impacts of operation during the renewal term, for those issues identified as Category 2 (plant-specific analysis required) issues in Appendix B to Subpart A of Part 51 and must include consideration of alternatives for reducing adverse impacts of Category 2 issues; the required analyses are listed in Sections 51.53(c)(ii)(A)-(M). In addition, the ER must contain any new and significant information regarding the environmental impacts of license renewal of which the applicant is aware.

Section 51.53(d) requires that an applicant for (1) a license amendment authorizing decommissioning activities at non-power reactors, (2) license termination at power reactors, or (3) a license amendment to store spent fuel at a nuclear power reactor after expiration of its operating license, submit copies of a document entitled "Supplement to Applicant's Environmental Report - Post Operating License Stage." The supplement is required to reflect any new information or significant environmental change associated with the applicant's proposed decommissioning or license termination activities or with the applicant's proposed activities with respect to the planned storage of spent fuel.

Section 51.54 (Environmental Report - Manufacturing License) requires that an applicant for (1) a license to manufacture a nuclear power reactor or (2) amendment to a license to manufacture seeking approval of a final design of a power reactor, submit an ER that addresses environmental matters specified in Part 52 and that contains the information specified in Section 51.45, as appropriate.

Section 51.55 (Environmental Report - Number of Copies; Distribution) requires that an applicant submit 41 copies of its ER. The applicant is to retain 109 copies of the report for distribution to parties and Boards in the NRC proceeding (hearing process), and for distribution to Federal, State and local officials.

Section 51.60(b) requires that an applicant prepare an ER for the following types of actions:

- (1) Issuance or renewal of a license or other form of permission for:
 - (i) Possession and use of special nuclear material for processing and fuel fabrication, scrap recovery, or conversion of uranium hexafluoride pursuant to 10 CFR 70.
 - (ii) Possession and use of source material for uranium milling or production of uranium hexafluoride pursuant to 10 CFR 40.
 - (iii) Storage of spent fuel in an independent spent fuel storage installation (ISFSI) or the storage of spent fuel or high-level radioactive waste in a monitored retrievable storage installation (MRS) pursuant to 10 CFR 72.
 - (iv) Receipt and disposal of radioactive waste from other persons pursuant to 10 CFR 61.
 - (v) Processing of source material for extraction of rare earth and other metals.
 - (vi) Use of radioactive tracers in field flood studies involving secondary and tertiary oil and gas recovery.
 - (vii) Construction and operation of a uranium enrichment facility.

- (2) Issuance of an amendment that would authorize or result in:
- (i) A significant expansion of a site.
 - (ii) A significant change in the types of effluents.
 - (iii) A significant increase in the amount of effluents.
 - (iv) A significant increase in individual or cumulative occupational radiation exposure.
 - (v) A significant increase in the potential for or consequences from radiological accidents.
 - (vi) A significant increase in spent fuel storage capacity; in a license or other form of permission to conduct an activity listed in 51.60(b)(1) above.
- (3) Amendment of a license to authorize the decommissioning of an ISFSI or MRS pursuant to 10 CFR 72.
- (4) Issuance of a license amendment pursuant to Part 61 authorizing (i) closure of a land disposal site, (ii) transfer of the license to the disposal site owner for the purpose of institutional control, or (iii) termination of a license at the end of the institutional control period.
- (5) Any other licensing action for which the Commission determines an environmental report is necessary.

Section 51.61 requires that an applicant for issuance of a license for storage of spent fuel in an ISFSI or for storage of spent fuel and high-level radioactive waste in an MRS pursuant to 10 CFR 72 submit an "Applicant's Environmental Report - ISFSI License" or "Applicant's Environmental Report - MRS License," as appropriate, with its application. The ER shall contain the general information specified in 51.45 and shall address the siting evaluation factors contained in Subpart E, 10 CFR 72.

Section 51.62(a) requires that an applicant for issuance of a license for land disposal of radioactive waste pursuant to 10 CFR 61 submit an "Applicant's Environmental Report - License for Land Disposal of Radioactive Waste" with its application. The ER and any supplement to the ER may incorporate, by reference, information contained in the application or in any previous application, statement or report filed with the Commission provided that such references are clear and specific and that copies of the information so incorporated are available in the NRC Public Document Room at 2120 L Street, NW., Lower Level, Washington, DC, and in any public document room established by the Commission near the proposed land disposal site.

Section 51.62(b) requires that the ER contain the general information specified in 51.45, that the ER address the applicant's environmental monitoring program required by 10 CFR 61.12(l), 61.53, and 61.59(b), and requires that the ER be as complete as possible in the light of information that is available at the time the ER is submitted.

Section 51.62(c) requires that an applicant supplement the ER in a timely manner as necessary to permit the Commission to review, prior to issuance, amendment or renewal of a license, new information regarding the environmental impact of previously proposed activities, information regarding the environmental impact of any changes in previously proposed activities, or any significant new information regarding the environmental impact of closure activities and long-term performance of the disposal site.

Section 51.66(a) and (b) specify the number of copies that are to be submitted of an environmental report, or any supplement to an environmental report, for an application for a license, an amendment or renewal of a license covered under 10 CFR Parts 30, 32, 33, 34, 35, 36, 39, 40, 61, 70 and 72.

Certain petitioners for rulemaking must also submit ERs. Section 51.68 requires that petitioners for rulemaking, who request amendments to 10 CFR Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, or 70 concerning the exemption from licensing and regulatory requirements of, or authorizing general licenses for, any equipment, device, commodity, or other product containing byproduct material, source material, or special nuclear material, submit a "Petitioner's Environmental Report," which contains the general information specified in Section 51.45.

Section 51.69 requires that petitioners for rulemaking covered by Section 51.68 submit a certain number of copies of its ER.

A. JUSTIFICATION

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

The National Environmental Policy Act of 1969, as amended (NEPA), directs that, to the fullest extent possible: (1) the policies, regulations, and public laws of the United States shall be interpreted and administered in accordance with the policies set forth in NEPA, and (2) all agencies of the Federal Government shall comply with the procedures in Section 102(2) of NEPA except where compliance would be inconsistent with other statutory requirements. The regulations in Subpart A of 10 CFR Part 51 implement Section 102(2) of NEPA in a manner which is consistent with the NRC's domestic licensing and related regulatory authority under the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974, as amended, the Uranium Mill Tailings Radiation Control Act of 1978, and the Commission's announced policy to take account of the regulations of the Council of Environmental Quality published November 29, 1978 (43 FR 55978-56007), voluntarily subject to certain conditions.

2. Agency Use of Information

Part 51 of the NRC's regulations specifies information and data to be provided by applicants, licensees, and certain petitioners so that the NRC can make determinations necessary to adhere to the policies, regulations, and public laws of the United States which are to be interpreted and administered in accordance with the policies set forth in the National Environmental Policy Act of 1969, as amended. The NRC completes its review of this information in approximately one year. When litigation is not involved, this review could be completed in approximately six months.

When considering the environmental information of a proposed action, the NRC must adhere to criteria specified in Sections 51.20, 51.21, 51.22 and 51.30.

3. Reduction of Burden Through Information Technology

There is no legal obstacle to the use of information technology. Moreover, NRC encourages its use; however, at the current time, no responses are submitted electronically.

4. Effort to Identify Duplication and Use Similar Information

In cases where renewals or updates to environmental reports are required, reference to the previously submitted documents is acceptable; only revised or new information is required to be submitted to the NRC. Information submitted to other Federal Government and State agencies may be referenced. The Information Requirements Control Automated System (IRCAS) was searched, and no agency duplication was found.

5. Effort to Reduce Small Business Burden

This information collection does not affect small businesses.

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

This information is submitted by applicants and licensees when the requested action requires NRC to make a determination consistent with the provisions of the National Environmental Policy Act of 1969, as amended. Thus, the information is submitted as necessary for NRC to assess environmental issues.

7. Circumstances Which Justify Variation from OMB Guidelines

The provisions of 10 CFR Sections 51.55, 51.66, and 51.69 specify the number of copies of the ER that must be submitted with an application and the number of additional copies that must be retained for distribution to other Federal, State and local officials, and any affected Indian tribes in accordance with written instructions.

A sufficient number of copies are required to be distributed so that the NRC can fulfill its authority and responsibility mandated under NEPA. Copies of the ER are required for review by the staff, several Federal and State agencies, and for use in the NRC's litigation process. Because the documents are complex and cannot easily be copied, e.g., they contain photos, foldouts, and other non-standard formats, the applicant must submit multiple documents sufficient for distribution in order to expedite the review and approval process.

8. Consultations Outside the NRC

Two rulemakings affecting Part 51 were published for public comment in the Federal Register during the current clearance period.

Moreover, when an environmental impact statement (EIS) is prepared by the NRC, the draft EIS is sent out for public comment. During the current clearance period, NRC issued draft EISs associated with applications for the renewal of the operating licenses at two plant sites.

Opportunity for public comment on the draft supporting statement was published in the Federal Register (64 FR 50305) on September 16, 1999. No comments were received.

9. Payment or Gift to Respondents

Not applicable.

10. Confidentiality of the Information

Section 51.16(b) requires persons who wish to have proprietary information withheld from public disclosure to submit a request justifying the withholding. Proprietary information is protected in accordance with the provisions of 10 CFR 2.790(b). However, based upon prospective staff activities, requests for confidentiality associated with information submitted pursuant to the requirements of 10 CFR Part 51 are not anticipated during the clearance period.

11. Justification for Sensitive Questions

Part 51 information collections do not involve sensitive or private information.

12. Estimated Industry Burden and Burden Hour Cost

a. Reporting Burden and Cost

No new applications for permits to construct or licenses to operate nuclear power plants are projected over the next three years. Consistent with the requirements of Section 51.53, an applicant for license renewal will need to supplement its ER. Based upon the NUREG-1440 cost analysis associated with

the environmental review rulemaking for license renewal, the staff estimates that the burden on license renewal applicants may be of the order of 9,500 hours per application. The total estimated burden and cost to the industry for the 10 expected renewal applications in the next 3 years is 95,000 hours (9,500 hours per application x 10 renewal applications = 95,000 hours). This results in an annual burden of 31,667 hours (95,000 hours ÷ 3 years = 31,667 hours) and an annual cost of \$4,465,047 (31,667 hours x \$141.00 = \$4,465,047).

The NRC does not anticipate a request for a manufacturing license during the duration of this clearance. Therefore, there is no burden projection for Section 51.54.

No design certification requests are expected to be filed, and NRC does not expect industry to submit a request for an early site review.

In anticipation of power reactor license termination requests, licensees will need to provide an evaluation of the environmental impacts. The staff estimates that the burden on the licensees may be on the order of 120 hours per request. The annual estimated burden to industry for 2 reviews (6 anticipated within the next 3 years) for termination is \$33,840 (120 hours/review x 2 reviews x \$141/hour).

For non-power reactor reviews to be conducted during the same period (9 non-power reactor renewals, one research reactor power upgrade, one construction permit issuance and 2 decommissioning requests), the burden on the licensees may be on the order of approximately 6,500 hours (13 anticipated reviews for the next 3 years x approximately 500 hours each = 6,500 hours). Therefore, the estimated annual burden to the industry is \$305,265 (500 hours/review x 4.33 reviews/year x \$141/hr = \$305,265).

The materials licensing activities for which submission of environmental information may be required under Section 51.60, 51.61, and 51.62 could span a wide range, including applications for independent spent fuel storage installations, uranium mills, fuel fabrication, remedial action, certain medical and industrial uses of radioisotopes, and commercial radioactive waste disposal by land burial. For some categories of licensees, we expect that we may receive only one environmental report over a period of several years, whereas for other categories we expect we may receive several per year. Similarly, the hours-per-response data represents a broad range of information burdens. Therefore, for materials licensing actions, the number of responses and the hours-per-response is an estimated average, and the numbers do not necessarily represent the burden for a typical or any particular licensee. The estimated annual number of submittals for materials licensing activities pursuant to Sections 51.60, 51.61, and 51.62 is 17, and we estimate that there is an average of 1,542.1 hours for each of the 17 applications anticipated annually. Therefore, 26,216 hours (1,542.1 hours/action x 17 action requests) are anticipated for annual burden involving the materials area.

For the materials area, the estimated annual cost is therefore expected to be \$3,696,414 (1,542.1 hours/application x 17 applications x \$141/hour).

The NRC does not project information collection within the purview of 10 CFR 51.68 because we are not aware of any proposed petitions for rulemaking which could be submitted to the NRC in the next 3 years.

Industry burden is summarized in the attached table.

b. Recordkeeping Burden

Recordkeeping requirements are not specified in 10 CFR 51.

13. Estimate of Other Additional Costs

None.

14. Estimated Annualized Cost to the Federal Government

The staff reviews vary in complexity (and in cost to Government) depending on the type of proposed action and the type of required NRC response (i.e., EA or EIS). Cost estimates are summarized in the attached table.

This cost is fully recovered by fee assessment to NRC licensees pursuant to 10 CFR 170 or 171.

Within the next 3 years, the staff anticipates the review of about 10 additional license renewal applications (submitted pursuant to 10 CFR Part 54) for commercial power reactors. As part of that application, pursuant to Section 51.20(b), NRC anticipates preparing an average of two EISs or supplements to the existing EISs for each application, an application may be for multiple reactors at the same site. The estimated cost to the Federal Government is about 41,000 hours (4,100 hours/application). Therefore, total estimated cost is \$5,781,000 (41,000 x \$141/hour). This results in an annual burden of 13,667 hours, with an annual cost of \$1,927,047 (13,667 hours x \$141/hour).

With respect to Section 51.54 (Environmental Reports for Manufacturing License), the NRC does not anticipate any submittals during the effective period of this clearance.

Within the next 3 years, there will be no ongoing reviews for design certification, and it is estimated that no additional design certifications, or requests for early site reviews or combined licenses will be filed.

The staff anticipates the review of up to 6 power reactor license termination requests over the next 3 years for commercial power reactors. Pursuant to 51.30, NRC anticipates the preparation of environmental assessments for these requests. The

total estimated annual cost to the Government is expected to be \$11,280 (40 hours/review x 2 annualized reviews x \$141/hr). There is a small potential that any of the 6 license termination reviews could identify plant-specific significant issues and require the staff to prepare an environmental impact statement. If this occurs, the expected resource cost to the Government for these reviews would be substantially higher.

For non-power reactor reviews covered by Section 51.30, the staff anticipates, within the next 3 years, the review of 9 non-power reactor renewals, one research reactor power upgrade, one construction permit issuance and 2 decommissioning requests (a total of 13 reviews). Estimated annual cost to the Federal Government is based on about 87 staff hours (20 hours/review x 4.33 annualized reviews). Therefore, annualized cost to the Government is estimated to be \$12,267 (87 hours x \$141/hour).

Materials licenses vary in type, and cost of the Government review varies accordingly. The materials licensing actions which require EISs are identified in 51.20(b)(7)-(13). Other actions, as identified in Section 51.21, may or may not require preparation of an EIS. The estimated annual cost to the Government for information collection and processing for materials license activities under Section 51.20 and 51.21 is approximately \$2,597,750 (750 hours/application x 17 applications annually x \$141/hour plus \$800,000 in contract technical assistance costs).

15. Reasons for Change in Burden or Cost

The decrease in burden in the power reactor area is because no requests for design certification or early site reviews are expected, and because of a recent rulemaking, "Changes to Requirement for Environmental Review for Renewal of Nuclear Power Plant Operating Plants" (64 FR 48496), which eliminates the requirement for the licensee to submit a license termination plan.

The burden for non-power reactors increased because there is an expected increase in the number of reviews requested.

The net burden in the materials area has decreased because of a combination of several factors. The estimate of the number of ISFSI applications increased slightly as has the number of uranium mill applications. However, there is a decrease in the hours estimated to prepare an application for a uranium facility due to a reassessment of the burden to submit an application and, in addition, no LLW applications are expected.

16. Publication for Statistical Use

NRC does not publish information submitted in accordance with 10 CFR Part 51 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

There are no exceptions.

B. COLLECTIONS OF INFORMATION EMPLOYING STATISTICAL METHODS

Not applicable.

Table
SUPPORTING STATEMENT
10 CFR PART 51

Info Req Section	Description	Summary of burden			Summary of cost	
		Estimated Burden per respondent (hrs)	Estimated Average annual no. of responses	Estimated annual Burden (hrs) to industry	Estimated annual cost to industry	Estimated annual cost to Fed. Gov.
51.6	Request for exemptions	0	0	0	0	0
51.16(b)	Request to withhold proprietary information from disclosure	0	0	0	0	0
51.20, 51.21, and 51.30	NRC preparation of statements and assessments	(Federal burden is estimated under each appropriate section)				
51.41	Establishes NRC's general authority to require environmental information from applicants	The burden and cost associated with these general requirements are tabulated below by sections in which specific information is required for the various applications for permits, licenses and petitions. No numerical values are entered here to avoid double-counting.				
51.45	Establishes general requirements of applicant's Environmental Reports (ER)	(Burden and cost included under the specific ER reporting requirements)				
51.50, 51.51, and 51.52	Specific requirements for ER- Construction Permit Stage	0	0	0	0	0
	Design Certification	0	0	0	0	0
	Early Site Permit	0	0	0	0	0
	Combined License	0	0	0	0	0