

PDR

DESIGNATED ORIGINAL
Certified By Paulette Smith
Request for OMB Review

Important

Read instructions before completing form. Do not use the same SF 83 to request both an Executive Order 12291 review and approval under the Paperwork Reduction Act.

Answer all questions in Part I, if this request is for review under E.O. 12291, complete Part II and sign the regulatory certification. If this request is for approval under the Paperwork Reduction Act and 5 CFR 1320, skip Part II, complete Part III and sign the paperwork certification.

Send three copies of this form, the material to be reviewed, and for paperwork—three copies of the supporting statement, to:

Office of Information and Regulatory Affairs
Office of Management and Budget
Attention: Docket Library, Room 3201
Washington, DC 20503

PART I.—Complete This Part for All Requests.

1. Department/agency and Bureau/office originating request:

U.S. Nuclear Regulatory Commission

2. Agency code:

3 1 5 0

3. Name of person who can best answer questions regarding this request:

Hazel Smith

Telephone number:

301 492-1219

4. Title of information collection or rulemaking:

10 CFR 51, Environmental Protection Regulations for Domestic Licensing and Related Functions

5. Legal authority for information collection or rule (cite United States Code, Public Law, or Executive Order):

42 USC 2201(o)

6. Affected public (check all that apply):

1 Individuals or households

3 Farms

5 Federal agencies or employees

6 Non-profit institutions

2 State or local governments

4 Businesses or other for-profit

7 Small businesses or organizations

PART II.—Complete This Part Only if the Request is for OMB Review Under Executive Order 12291

7. Regulation Identifier Number (RIN):

or None assigned

8. Type of submission (check one in each category):

Classification

1 Major

2 Nonmajor

Stage of development

1 Proposed or draft

2 Final or interim final, with prior proposal

3 Final or interim final, without prior proposal

Type of review requested

1 Standard

2 Pending

3 Emergency

4 Statutory or judicial deadline

9. CFR section affected:

CFR

10. Does this regulation contain reporting or recordkeeping requirements that require OMB approval under the Paperwork Reduction Act and 5 CFR 1320? Yes No

11. If a major rule, is there a regulatory impact analysis attached?

1 Yes 2 No

If "No," did OMB waive the analysis?

3 Yes 4 No

Certification for Regulatory Submissions

In submitting this request for OMB review, the authorized regulatory contact and the program official certify that the requirements of E.O. 12291 and any applicable policy directives have been complied with.

Signature of program official

Date

Signature of authorized regulatory contact

Date

12. (OMB use only)

4 FOZ
11

PART III.—Complete This Part Only if the Request is for Approval of a Collection of Information Under the Paperwork Reduction Act and 5 CFR 1320.

13. Abstract—Describe needs, uses and affected public in 50 words or less "Nuclear Facilities, Environmental Protection" 10 CFR 51 requires submittal of environmental data from licensees and applicants in order for the NRC to make decisions concerning environmental protection.

14. Type of information collection (check only one)

Information collections not contained in rules

- 1 Regular submission 2 Emergency submission (certification attached)

Information collections contained in rules

- 3 Existing regulation (no change proposed) 6 Final or interim final without prior NPRM
 4 Notice of proposed rulemaking (NPRM) A Regular submission
 5 Final (NPRM was previously published) B Emergency submission (certification attached)
7. Enter date of expected or actual Federal Register publication at this stage of rulemaking (month, day, year) _____

15. Type of review requested (check only one)

- 1 New collection 4 Reinstatement of a previously approved collection for which approval has expired
 2 Revision of a currently approved collection 5 Existing collection in use without an OMB control number
 3 Extension of the expiration date of a currently approved collection without any change in the substance or in the method of collection

16. Agency report form number(s) (include standard/optional form number(s))

22. Purpose of information collection (check as many as apply)

- 1 Application for benefits
 2 Program evaluation
 3 General purpose statistics
 4 Regulatory or compliance
 5 Program planning or management
 6 Research
 7 Audit

17. Annual reporting or disclosure burden

1 Number of respondents	26
2 Number of responses per respondent	1
3 Total annual responses (line 1 times line 2)	26
4 Hours per response	1,304
5 Total hours (line 3 times line 4)	33,902

23. Frequency of recordkeeping or reporting (check all that apply)

- 1 Recordkeeping
Reporting
 2 On occasion
 3 Weekly
 4 Monthly
 5 Quarterly
 6 Semi-annually
 7 Annually
 8 Biennially
 9 Other (describe): _____

18. Annual recordkeeping burden

1 Number of recordkeepers	
2 Annual hours per recordkeeper	
3 Total recordkeeping hours (line 1 times line 2)	
4 Recordkeeping retention period	years

19. Total annual burden

1 Requested (line 17-5 plus line 18-3)	33,902
2 In current OMB inventory	20,450
3 Difference (line 1 less line 2)	+13,452
Explanation of difference	
4 Program change	
5 Adjustment	+13,452

24. Respondents' obligation to comply (check the strongest obligation that applies)

- 1 Voluntary
 2 Required to obtain or retain a benefit
 3 Mandatory

20. Current (most recent) OMB control number or comment number

3150-0021

21. Requested expiration date

3 years from approval

25. Are the respondents primarily educational agencies or institutions or is the primary purpose of the collection related to Federal education programs? Yes No

26. Does the agency use sampling to select respondents or does the agency recommend or prescribe the use of sampling or statistical analysis by respondents? Yes No

27. Regulatory authority for the information collection

10 CFR 51, or FR _____; or Other (specify): _____

Paperwork Certification

I, submitting this request for OMB approval, the agency head, the senior official or an authorized representative, certifies that the requirements of 5 CFR 1320, the Privacy Act, statistical standards or directives, and any other applicable information policy directives have been complied with.

Signature of program official

Date

Signature of agency head, the senior official or an authorized representative

Date

Patricia G. Norry, DSO for Information Resources Management

11-1-90

PART III. — Complete This Part Only if the Request is for Approval of a Collection of Information Under the Paperwork Reduction Act and 5 CFR 1320.

2. Abstract—Describe needs, uses and affected public in 50 words or less. **"Nuclear Facilities, Environmental Protection"**
10 CFR 51 requires submittal of environmental data from licensees and applicants in order for the NRC to make decisions concerning environmental protection.

4. Type of information collection (check only one)

Information collections not contained in rules

Regular submission

2 Emergency submission (certification attached)

Information collections contained in rules

3 Existing regulation (no change proposed)

6 Final or interim final without prior NPRM

7 Enter date of expected or actual Federal Register publication at this stage of rulemaking (month day year) _____

Initial or proposed rulemaking (NPRM)

A Regular submission

Final NPRM was previously published

B Emergency submission (certification attached)

5. Type of review requested (check only one)

New collection

4 Reinstatement of a previously approved collection for which approval has expired

Revision of a currently approved collection

5 Existing collection in use without an OMB control number

Extension of the expiration date of a currently approved collection without any change in the substance or in the method of collection

6. Agency use only (include standard/optional form numbers)

22. Purpose of information collection (check as many as apply)

7. Annual reporting or disclosure burden

Number of respondents

26

Number of responses per respondent

1

8. Total annual responses (line 7 times line 8)

26

Number of responses

1,304

9. Total annual burden (line 8 times line 9)

33,902

10. Annual recordkeeping burden

Number of recordkeepers

Number of records per recordkeeper

11. Total recordkeeping burden (line 10 times line 11)

0

12. Total annual burden

33,902

13. Requested change (line 10 plus line 11 minus line 12)

20,450

14. Current OMB inventory

+13,452

15. Difference (line 13 plus line 14)

16. Magnitude of difference

17. Requested change

+13,452

18. OMB control number or comment number

23. Frequency of recordkeeping or reporting (check all that apply)

1 Recordkeeping

Reporting

2 On occasion

3 Weekly

4 Monthly

5 Quarterly

6 Semi-annually

7 Annually

8 Biennially

9 Other (describe): _____

3150-0021

19. Anticipated expiration date

24. Respondents' obligation to comply (check the strongest obligation that applies)

1 Voluntary

2 Required to obtain or retain a benefit

3 Mandatory

3 years from approval

30. Are the respondents primarily educational agencies or institutions or is the primary purpose of the collection related to Federal education programs? Yes No

31. Does the agency use sampling to select respondents or does the agency recommend or prescribe the use of sampling or statistical analysis of respondents? Yes No

32. Regulatory authority for the information collection

10 CFR 51

FR _____ or Other (specify): _____

33. Paperwork Certification

Submitting this request for OMB approval, the agency head, the senior official or an authorized representative, certifies that the requirements of 5 CFR 1320, the Privacy Act, statistical standards or directives, and any other applicable information policy directives have been complied with

Signature of agency head

Date

Signature of agency head, the senior official or an authorized representative

Date

Patricia G. Norry, DSO for Information Resources Management

11-1-90

SUPPORTING STATEMENT
FOR
10 CFR PART 51

"Environmental Protection Regulations for Domestic Licensing
and Related Regulatory Functions"

OMB Clearance No. 3150-0021)

DESCRIPTION OF THE INFORMATION COLLECTION

Section 51.16(b) requires persons who wish to have proprietary information withheld from public disclosure to submit a request justifying the withholdings. This information is needed by NRC to determine if the applicant/licensee's reasons are valid and if the information qualifies for exemption from disclosure. The Offices of Nuclear Reactor Regulation (NRR) or Nuclear Material Safety and Safeguards (NMSS) will begin review of the request within thirty days of receipt. Should staff determine the request to be justified, disclosure is withheld. Should staff determine the request to be unjustified, the Office of General Counsel (OGC) reviews the request and the applicant/licensee is notified within two weeks of the OGC review.

Sections 51.41 and 51.45(a) of 10 CFR Part 51 require certain persons to submit environmental information and environmental reports, respectively. These persons are license applicants or petitioners for rulemaking under the following:

Production and Utilization Facilities

- 51.50 Construction Permit Stage
- 51.51 Uranium Fuel Cycle Environmental Data - Table S-3
- 51.52 Environmental Effects of Transportation of Fuel and Waste - Table S-4
- 51.53 Supplement to Environmental Report (Operating License Stage)
- 51.54 Manufacturing License

Materials License

- 51.60 Materials Licenses
- 51.61 Independent Spent Fuel Storage Installation License
- 51.62 Land Disposal of Radioactive Waste Licensed under 10 CFR 61

Rulemaking Petitioners

- 51.68 Petition for Rulemaking

The environmental reports are submitted to the Office of Nuclear Reactor Regulation or Office of Nuclear Material Safety and Safeguards for their use in preparing a Draft Environmental Statement (DES). Subsequently, NRC staff prepares a Final Environmental Statement (FES). The Environmental Statements give detailed consideration to the environmental impacts associated with construction and operation of a proposed facility and assess impacts within the framework of the available alternatives. Without the information provided in the environmental report, NRC cannot evaluate environmental impact or prepare draft and final Environmental Impact Statements (EIS), as required by NEPA.

The NRC review of environmental reports normally begins within 30 days of the report's receipt.

Section 51.41 requires the submittal of environmental information to be used in aiding the Commission in complying with section 102(2) of NEPA, during 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.

All persons required to submit an environmental report must include in it certain general information. Section 51.45(b) describes that information. The environmental report shall 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 use 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 the inclusion of an analysis in the Environmental Report which considers and balances the environmental effects of the proposed action and the alternatives available for reducing or avoiding adverse environmental effects, as well as the environmental, economic, technical, and other benefits of the proposed action.

Section 51.50 (Environmental Report - Construction Permit Stage) requires each applicant for a permit to construct a production or utilization facility, that is within the purview of Section 51.20, to 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 environmental report 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 environmental report 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) (Supplement to Environmental Report) states that the applicant shall submit supplemental information to the environmental report for the application for operating license and for the application for renewal of a license, as explicitly stated in § 51.20(b)(2). 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 FES.

Section 51.53(b) allows for the post operating license stage. Applicants for a license amendment authorizing decommissioning or license amendment to store spent fuel shall submit copies of a document entitled "Supplement to Applicant's Environmental Report - Post Operating License Stage." The supplement is to reflect any new information or significant environmental change associated with the applicant's proposed decommissioning activities or with the applicant's proposed activities with respect to the planned storage of spent fuel.

Section 51.54 (Environmental Report - Manufacturing License) states that each applicant for a license to manufacture a nuclear power reactor, or an applicant for amendment to a license to manufacture who is seeking approval of a final design of a power reactor shall submit with its application an environmental report that addresses environmental matters specified in Part 52, and shall contain the information specified in Section 51.45, as appropriate.

Section 51.55 (Environmental Report - Number of Copies; Distribution) states that each applicant is required to submit 41 copies of an environmental report. 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 each applicant to prepare an environmental report 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 fuel storage installation (ISFSI) 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.

(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 amounts 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) Termination of a license for the possession and use of source material for uranium milling.

(4) Amendment of a license to authorize the decommissioning of an independent spent fuel storage installation (ISFSI) pursuant to 10 CFR 72.

(5) 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.

(6) Any other licensing action for which the Commission determines an environmental report is necessary.

Section 51.61 requires that each applicant for issuance of a license for storage of spent fuel in an independent spent fuel storage installation (ISFSI) pursuant to 10 CFR 72 submit with its application an "Applicant's Environmental Report - ISFSI License." The environmental report 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 each applicant for issuance of a license for land disposal of radioactive waste pursuant to 10 CFR 61 submit with its application an "Applicant's Environmental Report License for Land Disposal of Radioactive Waste." The environmental report and any supplement to the environmental report 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 St. N.W., Lower Level, Washington, D.C., and in any public document room established by the Commission near the proposed land disposal site.

Section 51.62(b) requires that the environmental report contain the general information specified in 51.45, shall address the applicant's environmental monitoring program required by 10 CFR 61.12(1), 61.53, and 61.59(b) and shall be as complete as possible in the light of information that is available at the time the environmental report is submitted.

Section 51.62(c) requires that the applicant supplement the environmental report 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.

Sections 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, 39, 40, 61, 70 and 72.

In addition to license applicants, certain petitioners for rulemaking must submit environmental reports. Section 51.68 requires that petitioners for rulemaking who request amendments of 10 CFR Parts 30, 31, 32, 33, 34, 35, 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 specifies the number of copies of environmental reports that are to be submitted for petitions for rulemaking covered by Section 51.68.

A. JUSTIFICATION

1. Need for the Information Collection

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, and 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 and licensees 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.

The criteria the NRC must adhere to when considering the environmental information of a proposed action is 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.

4. Effort to Identify Duplication

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. The Information Requirements Control Automated System (IRCAS) was searched and no agency duplication was found.

5. Effort to Use Similar Information

Information submitted to other Federal Government and State agencies may be referenced.

6. Effort to Reduce Small Business Burden

The NRC anticipates that only seven universities will be expected to comply with 10 CFR 51 during the effective period of this clearance. These filings will support renewals, power upgrades and decommissioning.

7. Consequences of Less Frequent Collection

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 non-radiological safety (environmental) issues from the standpoint of protecting the health and safety of the public.

8. 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 that are required for environmental review by Federal, State and local agencies. These reviews are necessary so that NRC can fulfill its authority and responsibility mandated under NEPA. A total of 150 copies are required for review by several Federal and State agencies, and for use in the NRC's litigation process.

9. Consultations Outside the Agency

There has been no consultation with other agencies or individuals during the current clearance period. However, public comments were solicited during the rulemaking stage.

Moreover, when an environmental impact statement (EIS) is prepared by the NRC, the draft EIS is sent out for public comment.

10. Confidentiality of 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 Section 2.790(b). However, none is anticipated.

11. Justification for Sensitive Questions

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

12. 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., Environmental Assessment (EA) or EIS]. Cost estimates are summarized in the attached table.

Within the next 3 years, the staff anticipates the review of at least two license renewal* applications for commercial power reactors. Pursuant to Section 51.20(b) NRC anticipates the preparation of two EIS's or supplements to the existing EIS for the commercial power reactors. The estimated cost to the Federal Government is about 2000 hours (1000 hours/review). Therefore, total estimated cost is \$184,000 (2000 x \$92/hour). This results in an annual burden of 667 hours, with an annual cost of \$61,364 (667 hours x \$92/hour). The staff presently has a rulemaking ongoing to Part 51 which would permit the preparation of environmental assessments in lieu of EISs. If a significant environmental impact is identified during the staff review, the NRC would proceed to publish an EIS. If this rulemaking is successful the resource burden to the Government would be reduced for these reviews.

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

There are two design certification reviews currently ongoing. It is estimated that two additional design certifications will be filed during the next 3 years. NRC estimates that it will involve approximately 828 hours to complete each of the 4 reviews, which would result in approximately 1,100 hours annually (828 x 4 = 3,312 hours for 3 years; approximately 1,100 hours annually). The cost is therefore, expected to be \$101,200 (1,100 hours x \$92.00/hour).

* Encompassed within Part 54.

The NRC anticipates the receipt of at least one request for an early site review. The staff is expected to need approximately 1,650 hours (1 person year) to complete the review, which would result in a cost of approximately \$151,800 (1,650 hours x \$92.00) or an annualized cost of \$50,600 (550 hours x \$92.00).

The staff anticipates the review of six power reactor decommissioning requests 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 \$4,280 (240 hours/review x 2 annualized reviews x \$92/hr). There is the potential that two of a total of 6 of the decommissioning 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 two non-power reactor renewals, one research reactor power upgrade, and four decommissioning requests (a total of 7 reviews). Estimated cost to the Federal Government is based on the staff hours of about 92 (40 hours/review x 2.3 annualized reviews). Therefore, annualized cost to the Government is estimated to be \$8,464 (92 hours x \$92/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 environmental impact statement. The estimated annual cost of the Government for information collection and processing for materials license activities under Section 51.20 and 51.21 is approximately \$1,103,724 (666.5 hours/application x 18 applications annually x \$92/hour).

13. Estimate of Industry Burden and 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, each applicant for license renewal will need to supplement their existing environmental report. The staff estimates that the burden on the licensees may be on the order of 4000 hours per application. The total estimated burden to the industry for the two expected renewal applications is \$736,000 (8000 hours x \$92/hr). This results in an annual burden of 2,667 hours, and an annual cost of \$245,364 (2,667 hours x \$92).

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.

Two design certification requests are expected to be filed, which will require an Environmental Report as provided for in Section 51.50. Each of them is expected to require approximately 1,650 hours of effort by each applicant to prepare and submit the information to the NRC. The total burden is then expected to be 3,300 hours. Thus, the resulting annual cost is expected to be \$101,200 (1,100 hours x \$92.00).

The NRC expects industry to submit at least one request for an early site review, which would also involve environmental information required by Section 51.50. It is estimated that approximately 3,300 hours of effort will be expended by industry to prepare and submit this information. The total cost realized would be \$303,600 (3,300 hours x \$92.00). Annualized cost is \$101,200 (1,100 hours x \$92.00).

In anticipation of power reactor decommissioning 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 480 hours per request. The annual estimated burden to industry for 2 reviews (6 anticipated within the next 3 years) for decommissioning is \$88,320 (480 hours/review x 2 reviews x \$92/hr).

For the non-power reactor reviews to be conducted during the same period, the burden on the licensees may be on the order of approximately 4,900 hours (7 anticipated reviews for the next 3 years; approximately 700 hours each). Therefore, the estimated annual burden to the industry is \$150,236 (700 hours/review x 2 1/3 reviews x \$92.00/hr).

The estimated total number of annual submittals for materials licensing activities pursuant to Sections 51.60, 51.61, and 51.62 is 18 (approximately 54 for the next 3 years). The materials licensing activities for which submission of environmental information may be required 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 materials licensing actions under Section 51.60, 51.61, and 51.62, the number of responses is an estimated average. For some categories of licensees, we expect that we may receive only one environmental report over a period of several years. For other categories, we expect we may receive several per year. Similarly, the hours-per-response data represents a broad range of information burdens. The burden hours may range from as little as 40 hours per submittal for some renewals or amendments, to as much as 15,000 hours per submittal for low-level waste burial applications, for example. Hence, the numbers do not necessarily represent the burden for a typical or any particular licensee, and the use of the numbers for that purpose is likely to be misleading. However, for the purpose of updating this statement, an average of 1,469 hours has been used for each of the 18 applications anticipated annually. Therefore, 26,442 hours (1,469 hours/action x 18 action requests) are anticipated for annual burden involving the materials area.

For the materials area, the estimated annual cost is therefore expected to be \$2,432,664 (1,469 hours/application x 18 applications x \$92.00/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.

14. Reasons for Change in Burden

The increase in the total burden in the materials area is because of an increase in the number of applications anticipated for low-level waste burial and uranium recovery activities. The average burden per respondent is lower, however, because of an increase in the estimated number of other lower-burden activities.

The increase in the power reactor area is anticipated because of applications for two anticipated requests for license renewal, decommissioning requests, design certification, and early site reviews.

The burden for non-power reactors decreased because there is no longer a requirement to complete environmental reviews for high energy uranium/low energy uranium conversions. Moreover, additional submittals for research reactor power upgrades are not anticipated.

15. Publication for Statistical Use

NRC does not publish information submitted in accordance with 10 CFR Part 51 for statistical use.

B. COLLECTIONS OF INFORMATION EMPLOYING STATISTICAL METHODS

Information collection provisions of Part 51 do not require the use of statistical methods.

Attached: Table

Table
SUPPORTING STATEMENT
10 CFR PART 51

Info Req Section	Description	Summary of burden			Summary of cost	
		Burden per re- spondent (hrs)	Average annual no. of responses	Estimated annual burden (hrs) to industry	Estimated annual cost to Industry	Estimated annual cost to Fed. Gov.
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)	(See burden estimates for 51.50, 51.53 and 51.60).				
51.50, 51.51 and 51.52	Specific requirements for ER-Construction Permit Stage					
	Design Certification**	550	2	1,100	\$101,200	\$101,200
	Early Site Review**	1,100	1	1,100	\$101,200	\$50,600

* None is anticipated.

**Encompassed within Part 52

Table
SUPPORTING STATEMENT
10 CFR PART 51

Info Req Section	Description	Summary of burden			Summary of cost	
		Burden per re- spondent (hrs)	Average annual no. of responses	Estimated annual burden (hrs)	Estimated annual cost to Industry	Estimated annual cost to Fed. Gov.
51.53	Specific requirements for supplement to Applicant's ER-Operating License Stage					
	• New OL Applications	0	0	0	0	0
	• License Renewals	1,778	2/3	2,667*	\$245,364	\$61,364
	• OLs Under Review	0	0	0	0	0
	• Power Reactor Decom- missioning Requests	480	2	960	\$88,320	\$4,280
	• Non-Power Reactor	700	2 1/3	1,633	\$150,236	\$8,464
51.54	Specific requirements for Applicant's ER for Manufacturing License	0	0	0	0	0
51.55	(States the number of copies required)					
51.60, 51.61 and 51.62	Specific requirements for Applicant's ER- Materials Lic.	1,469	18	26,442	\$2,432,664	\$1,103,724
51.66(a) and (b)	(States the number of copies to be filed)					
51.68	Specific requirements for petitioner's ER-Rulemaking	0	0	0	0	0
51.69	(States the number of copies required)					
Totals:		6,077	26	33,902	\$3,129,984	\$1,327,632

*A total of 2 applications are anticipated during the 3-year period this clearance is in place, during which time a total of 8,000 hours are expected to be expended by industry.