901

Request for OMB Review

PSmith

Important

Read instructions before completing form. Do not use the same SF 83 to request both an Executive Order 12291 review and approval inder 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 perwork—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 origin	nating request		2. Agency code
U.S. Nuclear Regulatory Cor	nmission		3 1 5 0
Name of person who can best answer question Doboret a Torream	ons regarding this request		Telephone number (301) 504-1219
Roberta Ingram 1. Title of information collection or rulemaking			(301) 304-1413
10 CFR 50, Domestic Licens	ing of Production and Utilization	Facilities	
5. Legal authority for information collection or r 42 USC 2201 (a)	ule (cite United States Code, Public Law, or Executive Ord	er)	
6. Affected public (check all that apply)		5 T Federal ag	encies or employees
1 Individuals or households	3 🔲 Farms	6 Non-profit	
2 State or local governments	4 X Businesses or other for profit	7 Small busi	nesses or organizations
PART II.—Complete This Part Only	if the Request is for OMB Review Under Exe	cutive Order 122	91
7. Regulation identifier Number (RIN)			
	, or, None assigned [
B Type of submission (check one in each categ		Type of review re	equested
Classification	Stage of development	1 Standard	
1 Major	Proposed or draft Final or interim final, with prior proposal	2 Pending 3 Emergence	
2 Nonmajor	3 Final or interim final, with prior proposal		y or judicial deadline
9. CFR section affected	3 La reign of interior may, we much pro-proposed	4 C. Statutory	o partition dealering
CFR			
 Does this regulation contain reporting or re- and 5 CFR 1320? 	cordkeeping requirements that require OMB approval unde	er the Paperwork Redu	rection Act Yes No
11. If a major rule, is there a regulatory impact If "No," did OMB waive the analysis?	analysis attached?		1 Yes 2 No
Certification for Regulatory Submission	s ne authorized regulatory contact and the program official co	ertify that the requiren	
Signature of program official			Date
Signature of authorized regulatory contact			Date
12. (OMB use only) 940526 PDR C	DRG EUSOMB		<u> </u>
The same of the sa	PDR		

Previous editions obsolete NSN 7540-00-634-4034 230108

Standard Form 83 (Rev. 9-83) Prescribed by OMB 5 CFR 1320 and E.O. 12291

PART III.—Complete This Part Only if the of Information Under the Pape	Request is for Approv	val of a Collection	
13. Abstract — Describe needs, uses and affected public	c in 50 words or less "NU	uclear Facilities, Nuclea Construction"	ar Power Plant
10 CFR 50 specifies technical to the NRC by applicants and 1 power plants.	information and	data to be retained as r	ecords or submitted on of nuclear
14. Type of information collection (check only one) Information collections not contained in rules 1 Regular submission Information collections contained in rules 3 X Existing regulation (no change proposed) 4 Notice of proposed rulemaking (NPRM) 5 Final NPRM was previously published	2	nout prior NPRM 7. Er	iter date of expected or actual Federal ster publication at this stage of rulemakin ith, day, year)
15. Type of review requested (check only one) 1 New collection 2 Revision of a currently approved collection 3 Extension of the expiration date of a currently without any change in the substance or in the	method of collection	Reinstatement of a previous has expired Existing collection in use with	ly approved collection for which approval hout an OMB control number
 Agency report form number(s) (include standard/op 	tional form number(s))	22. Purpose of information collection (collection for benefits	heck as many as apply)
17. Annual reporting or disclosure burden 1 Number of respondents 2 Number of responses per respondent 3 Total annual responses (line 1 times line 2) 4 Hours per response 5 Total hours (line 3 times line 4)	165 59.76 9,860 359.11 3,540,811	2 Program evaluation 3 General purpose statistics 4 Regulatory or compliance 5 Program planning or manage 6 Research 7 Audit	ment
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 3. years 19. Total annual burden 1. Requested (line 17.5 plus line 18-3) 2. In current OMB inventory 3. Difference (line 1 less line 2)	165 15,418 2,543,969	23. Frequency of recordkeeping or report 1 X Recordkeeping Reporting 2 X On occasion 3 Weekly 4 X Monthly 5 Quarterly 6 X Semi-annually 7 X Annually	rting (check all that apply)
Explanation of difference 4 Program change 5 Adjustment	+ 304.559	8 Biennially 9 Other (describe)	
O. Current (most recent) OMB control number of comm 3150-0011 I. Requested expiration date 3 years from approval date 5. Are the respondents primarily educational agencies of		24. Respondents' obligation to comply (control of the control of t	benefit
Does the agency use sampling to select respondents by respondents? Regulatory authority for the information collection or Part 50	or does the agency recomm	end or prescribe the use of sampling or sta	atistical analysis Yes 🖔 No
aperwork Certification submitting this request for OMS approval, the agency wacy Act, statistical standards or directives, and any off	head, the senior official or her applicable information p	an authorized representative, certifies th olicy directives have been complied with.	at the requirements of 5 CFR 1320, the
gnature of program official			Date , ,
grater erantana, isogen ins	ormation Resourc	es Management	5/18/94

SUPPORTING STATEMENT FOR 10 CFR PART 50

"DOMESTIC LICENSING OF PRODUCTION AND UTILIZATION FACILITIES"

(OMB CLEARANCE NO. 3150-0011)

Extension Request with Revised Burden Estimate

GENERAL* DESCRIPTION OF THE INFORMATION COLLECTION

The regulations in 10 CFR Part 50, "Domestic Licensing of Production and Utilization Facilities," are promulgated by the U.S. Nuclear Regulatory Commission (NRC) pursuant to the Atomic Energy Act of 1954, as amended (the Act), to provide for the licensing and regulation of production and utilization facilities. They contain the reporting, recordkeeping and application requirements that are generally applied in the NRC's licensing and regulatory process. Specific requirements for each licensee are contained in documents called "Technical Specifications" that are issued for every utilization facility licensed to operate. (See 10 CFR 50.36 and Part 2 of this submittal.) Guidance on acceptable means of complying with 10 CFR 50 is provided through publications called NRC "Regulatory Guides." These guides often cite standards and other requirements established by national standards bodies such as the American National Standards Institute (ANSI) and the American Society of Mechanical Engineers (ASME).

The provisions encompassed within 10 CFR 50 affect various types of facilities, including nuclear power plants, research reactors and test reactors, at various stages in the licensing process, including application, construction, operation, amendment, suspension, renewal and shutdown. Therefore, the number of respondents actually affected by each requirement varies depending on the number of licensing requests initiated and/or completed and the number of regulatory reports required by operating events and/or conditions.

Reporting requirements obviously are directed toward licensees or applicants. However, reporting requirements may not be reactor specific, but they may be of a type that applies to a site** which is occupied by one or more reactors that have different licenses. Other requirements may be utility specific and, thus, refer to several reactors at more than one site. These considerations may cause apparent conflicts in the use of the terms: licensees, reactor sites, facilities, or plants, in our individual estimates of burden.

^{*} Specific discussions pertinent to the various sections of Part 50 are included in Parts 1-28 enclosed with this transmittal portion of the 10 CFR Part 50 Supporting Statement.

^{**} There are currently 70 nuclear power reactor sites.

For estimating purposes, NRC has assumed the following $\underline{annual\ average}$ number of respondents:

Operating Power Reactor Licensees - 110
Construction Permits for Power Reactors - 7
New Applications for Construction Permits - 0
New Applications for Operating Licenses - 0
New Applications for Sta dard Designs - 0
Applications for License Amendments - 1404
Critical Facilities and Research/Test Reactors - 48
Sites for Nuclear Power Plants - 70

Recordkeeping Requirements

The recordkeeping requirements mandated by 10 CFR Part 50 are of two broad types. The first type is the simple filing of copies of reports, letters, and other written documentation that already exist because of a reporting requirement found elsewhere in the regulations or in the license and technical specifications. The second type of recordkeeping is the generation, updating and filing of records because the information in the records may need to be referred to for assessments or subsequent evaluation of occurrences at the facility.

The large volume of records which are kept for 10 CFR Part 50 is required primarily by the technical specifications, the quality assurance program, reports of changes specified in 50.59(b), environmental qualification of equipment, decommissioning, monitoring the effectiveness of maintenance at nuclear power plants, and for training and qualification of plant personnel. Thus, a specific recordkeeping burden has been calculated for each of these technical areas. For all other technical areas, the recordkeeping burden was estimated to be 10 percent of the total burden (recordkeeping plus reporting).

Records Retention Periods

The NRC's codified recordkeeping rule establishes four basic retention periods for all records that must be retained to meet the recordkeeping requirements the NRC imposes on its licensees and applicants. All proposed rules containing recordkeeping requirements must specify one of these four standardized retention periods. Further, the agency has established a policy that all information collection requirements imposed upon licensees and applicants must be contained in its regulations. Therefore, the NRC's technical, licensing, generic requirements, and information resources management staffs will carefully scrutinize guidance documents to identify information collections that are being imposed on the licensees to determine if they are mandatory or voluntary. Where appropriate, procedures will be implemented to ensure that the data required to be submitted or retained is clear to the licensees and applicants.

Additional Requirements

This submittal incorporates all finalized information collection requirements contained in 10 CFR 50 that have been approved by OMB since our last extension

request for 10 CFR Part 50 dated May 6, 1991. These requirements are itemized below and are described in detail in the cognizant supporting statements.

Final New Rules

- Requirements for Monitoring the Effectiveness of Maintenance at Nuclear Power Plants, Section 50.65
- Training and Qualification of Nuclear Power Plant Personnel, Section 50.120
- Emergency Response Data System, Section 50.72

Final Amended Rules

- Fracture Toughness Requirements for Protection Against Pressurized Thermal Shock Events, Section 50.61
- Codes and Standards for Nuclear Power Plants, Section 50.55a
- Reducing the Regulatory Burden on Nuclear Licensees, Sections 50.36a,
 50.44, 50.46, 50.54, 50.59, 50.71, 50.72, 50.73 and Appendix K
- Minor Modifications to Nuclear Power Reactor Event Reporting Requirements, Sections 50.72 and 50.73
- FSAR Update Submittals, Sections 50.54 and 50.37
- Criteria and Procedures for the Reporting of Defects and Conditions of Construction Permits, Section 50.55(e)

This submittal does not address the information collection requirements specified in 10 CFR 50.73, "Licensee Event Reporting System." The burden associated with this regulation is encompassed within OMB Clearance No. 3150-0104, NRC Form 366, Licensee Event Report.

In submitting this request for approval of a revision to the OMB clearance for 10 CFR 50, the NRC realizes its importance and complexity are such that our staff must work closely with yours. Ms. Brenda Jo. Shelton (301-415-5864), Chief, Information and Records Management Branch, is available to arrange for the participation of any NRC staff or legal representative if needed by OMB.

A. JUSTIFICATION

1. Need for the Collections of Information

Pursuant to the Atomic Energy Act of 1954, as amended, NRC has the responsibility and authority for licensing and regulating nuclear power plants, research and test facilities, fuel reprocessing plants and other utilization and production facilities. Before a company can build a nuclear power plant at a particular site, it must obtain a construction permit from the NRC. Subsequently, the company must

obtain an operating license from the NRC before it can operate the plant. The decision by NRC to approve a company's application for a construction parmit or an operating license is based largely on the staff's detailed review of the information provided by the company as part of its application. This review responsibility also encompasses applications for approval of design certifications. Information provided by the applicant as part of the application is crucial to the licensing process as it provides NRC with the information it needs to make a decision with regard to the proposed plant's impact on the health and safety of the public. Once a plant is licensed to operate, the NRC continues to regulate its licensed activities. Licensees must comply with the reporting and recordkeeping requirements in 10 CFR Part 50 so that NRC will have the information it needs to ensure that licensed activities are being conducted without endangering the health and safety of the public. Detailed information required by the NRC to be included in each application for a construction permit or an operating license, or required to monitor and ensure safe operation is addressed in the Supporting Statements specific to the 10 CFR Part 50 sections (see Enclosure 2).

2. Agency Use of Information

The NRC conducts a detailed review of all applications for licenses to construct and operate utilization and production facilities, in addition to applications for approval of design certifications. The purpose of the detailed review is to ensure that the proposed facilities can be built and operated safely at the proposed locations, and that all structures, systems, and components important to safety will be designed to withstand the effects of postulated accident conditions without undue risk to the health and safety of the public. A detailed review of operating reports and records continues during the lifetime of the licensed plant until it is decommissioned and its license terminated. Applicants and licensees are required by the Act to provide such technical information and data that the NRC may determine necessary to ensure the public health and safety.

Part 50 affects various types of facilities at various states in the licensing process. The requested information is reviewed and acted upon consistent with the governing NRC regulation or the Act, whichever is appropriate. For example, when a submittal can be completed without adjudication, the collected information can usually be acted upon within 1 to 6 months. However, submittals which result in litigation may not be completed for 2 years or more.

3. Reduction of Burden Through Information Technology

There are no legal obstacles to reducing the burden associated with this information collection. Applicants and licensees are encouraged to use modern information technologies to collect, analyze, and store the information required under the provisions of 10 CFR Part 50.

4. Effort to Identify Duplication

The information required by 10 CFR 50 does not duplicate other information collections required by other government agencies. The Information Requirements Control Automated System (IRCAS) was searched for agency duplication, and none was found.

5. Effort to Use Similar Information

This information is available only from the licensees and applicants of utilization and production facilities.

6. Effort to Reduce Small Business Burden

Certain provisions of 10 CFR 50 affect 48 critical facilities and research and test reactors operated by colleges and universities. However, most of the provisions affect only nuclear power plant licensees and applicants. This item is addressed in each Supporting Statement enclosed as Parts 1 through 28 (Enclosure 2).

7. Consequences of Less Frequent Collection

This item is addressed in each Supporting Statement enclosed as Parts 1 through 28 (Enclosure 2).

8. Circumstances which Justify Variation from OMB Guidelines

See each part (Enclosure 2) for information specific to any variance from OMB's guidelines.

9. Consultations Outside the NRC

Requirements of 10 CFR 50 are usually the subject of rulemaking proceedings, during which NRC receives public comments. These comments are considered during the promulgation of all applicable final rules.

10. Confidentiality of Information

Information that is identified as proprietary or confidential, which is defined as information that, if disclosed, could do substantial harm with respect to (1) an organization's competitive positions; (2) private and personal information; or (3) physical protection of safeguards information would be withheld from public disclosure pursuant to the provisions of 10 CFR 2.790 and 10 CFR 9.17.

11. Justification for Sensitive Questions

The provisions of 10 CFR 50 regulations generally do not require sensitive information. However, private information (e.g., telephone numbers) provided in Emergency Plans are protected in accordance with the provisions of 10 CFR 2.790 and 10 CFR 9.17.

- 12. Estimate of Cost to the Federal Government *
- 13. Estimate of Industry Burden *
- 14. Reasons for Change in Burden

The estimated burden change (from 5.0 M to 5.8M hours) is covered in the section-specific statements (Enclosure 2, Parts 1 through 28).

15. Publication for Statistical Use

The information collected under 10 CFR 50 regulations is not published for statistical purposes.

B. COLLECTIONS OF INFORMATION EMPLOYING STATISTICAL METHODS

Statistical methods are not employed in this information collection.

Enclosures:

- 1. Table Summary of Supporting Statements
- 2. Supporting Statements (Parts 1-28)
- 3. 10 CFR 50
- 4. Reference Publications

Items 12 and 13 are covered in the section-specific statements (see Enclosure 2, Parts 1 through 28).

10 CFR 50

<u>Part</u>	Subject	Annual burden hours estimated per respondent	Number of responses annually	Estimated annual recordkeeping burden hours	Estimated annual reporting burden hours	Total estimated annual burden hours	Estimated annual cost to industry	Estimated annual cost to federal government
1	50.30, 50.33, 50.34 Appl. for CP/OL	, 0	0	0	0	0	0	\$1,584,000
	50.33a and Append. Anti-trust Review	100	1	10	90	100	\$13,200	\$43,956
	50.54(bb), Mgt. of Irrad. Fuel	0	0	0	0	0	0	0
	50.5%b, Construction Completion	n 67	1	7	60	67	\$8,844	\$4,356
	50.59(c), 50.90, 50.91(a) & (b), Lice Amendment Appl.	403 ense	1404	56,576	509,180	565,756	\$74,679,792	\$16,810,240
	50.74, License Notification	1	400	40	360	400	\$52,800	\$52,800
	50.80(b), Transfer of License	421	7	295	2,650	2,945	\$388,740	\$663,300
2	50.36, 50.36a, 50.3 App. I, Tech Specs	6b & 4,156	1,919	232,640	424,050	656,690	\$86,683,080	\$6,342,600
3	50.55(f), Appendice & B Quality Assuran		121	516,485	743,235	1,259,720	\$166,283,040	\$7,737,444
3a	50.55a, ASME Codes	2,117	81	234,835	12,840	247,675	\$32,693,100	\$21,120
	Subtotals:		3.9K	1.0M	1.7M	2.7M	\$360.8M	\$33.3M

10 CFR 50

Part	Subject	Annual burden hours estimated per respondent	Number of responses annually	Estimated annual recordkeeping burden hours	Estimated annual reporting burden hours	Total estimated annual burden hours	Estimated annual cost to industry	Estimated annual cost to federal government
4	50.71, Bulletins and Generic Letters	310	1,019	31,586	284,274	315,860	\$41,693,520	\$2,352,240
5	50.48, Appendix R, Fire Protection	144	108	1,555	13,997	15,552	\$2,052,864	\$71,280
6	50.54(p), Security	197	287	5,650	50,850	56,500	\$7,458,000	\$1,118,700
7	50.47, 50.54(q & t) Appendix E, Emergency Planning		118	84,144	757,296	841,440	\$111,070,000	\$789,888
8	50.71(e), Updated f	SAR 1,000	73	7,300	65,700	73,000	\$9,636,000	\$48,140
9	50.54(f), Oath or A	Affirm 462	1,292	59,703	537,327	597,030	\$78,807,960	\$3,762,000
10	50.72 and 50.54(z), Notification of Eve		1,600	240	2,160	2,400	\$316,800	\$7,571,200
10a	50.72(a), ERDS	5	532	262	2,362	2,624	\$346,368	\$505,824
	50.73, (LERs)	(see OMB Cleara	ance No. 3150	0-0104)				
	Subtotals:		5.0K	190.4K	1.7M	1.9M	\$251.4M	\$16.2M

See 50.72, Parts 10 and 10a for supporting statements pertaining to emergency notifications and responses.

10 CFR 50

Part	Subject	Annual burden hours estimated per respondent	Number of responses annually	Estimated annual recordkeeping burden hours	Estimated annual reporting burden hours	Total estimated annual burden hours	Estimated annual cost to industry	Estimated annual cost to federal government
11	50.55(e), Design an Const. Deficiencies		20	160	1,440	1,600	\$211,200	\$21,120
12	50.59(b), Reports	2,489	121	252,800	48,400	301,200	\$39,758,400	\$1,668,480
13	Appendices G and H, 50.60, Fracture Toughness	129	65	840	7,560	8,400	\$1,108,800	\$417,120
14	Appendix J, Contain. Leakage	366	33	1,208	10,870	12,078	\$1,594,296	\$4,356
15	50.35(b), Periodic	Reports 0	0	0	0	0	0	0
15a	50.34(g), SRP Implementation			1	ncluded in Par	t 1 Supporting	Statement	
16	50.71(b) and Append Financial	ix C, 1	135	14	121	135	\$17,820	\$17,820
17	50.54(w)(3) & (4), Property Damage Ins	urance 4	55	22	198	220	\$29,040	\$1,848
	Subtotals:		429	255K	68.6K	323.6K	\$42.7K	\$2.13M

10 CFR 50

<u>Part</u>	Subject	Annual burden hours estimated per respondent	Number of responses annual'y	Estimated annual recordkeeping burden hours	Estimated annual reporting burden hours	Total estimated annual burden hours	Estimated annual cost to industry	Estimated annual cost to federal government
18	50.44(c), Hydrogen Control	1,500	1.3	200	1,800	2,000	\$264,000	\$2,640
19	50.49, Environmenta Qualification	1 2,368	112	228,800	36,400	265,200	\$35,006,400	\$91,608
20	50.62, ATWS	0	0	0	0	- 0	0	0
21	50.61. Pressurized Thermal Shock	303	14	424	3,820	4,244	\$560,208	\$27,324
22	50.64, Highly Enriched Uranium	290	8	232	2,088	2,320	\$306,240	\$42,240
23	Appendix K, 50.46, ECCS	39	113.2	445	4,008	4,453	\$587,796	\$357,773
	Subtotals:		249	230.1K	48.1K	278.2K	\$36.7M	\$521.6K

10 CFR 50

Part		Annual burden hours estimated per respondent	Number of responses annually	Estimated annual recordkeeping burden hours	Estimated annual reporting burden hours	Total estimated annual burden hours	Estimated annual cost to industry	Estimated annual cost to federal government
24	50.63, Station Blackout	520	20	1,040	9,360	10,400	\$1,372,800	\$105,600
25	50.33(k), 50.75, and 50.82 Decommissionin		4	5,156	8,315	13,471	\$1,778,172	\$401,676
26	50.54(cc), Bankrupto Notifications	у 0	0	0	0	0	0	0
27	50.6 . Maintenance	6,864	110	755,000	0	755,000	\$99,660,000	0
28	50.120, Training & (Jual <u>780</u>	85	66,300	0	66,300	\$8,751,600	0
	Subtotals:		219	827.5K	17.7K	845.2K	\$111.6M	\$507.3K
	TOTALS:	36.9K	9.9K	2.5M	3.5M	6.0M	\$760.5M	\$52.7M

U.S. NUCLEAR REGULATORY COMMISSION

Documents Containing Reporting or Recordkeeping Requirements
Office of Management and Budget (CMB) Review

AGENCY: U.S. Nuclear Regulatory Commission (NRC)

ACTION: Notice of the OMB review of information collection

Summary: The NRC has recently submitted to the OMB for review the following proposal for the collection of information under the provisions of the Paperwork Reduction Act of 1980 (44 U.S.C. Chapter 35).

- 1. Type of submission, new, revision or extension: Revision
- The title of the information collection: 10 CFR Part 50,
 "Domestic Licensing of Production and Utilization Facilities"
- 3. The form number if applicable: Not applicable
- 4. How often the collection is required: As necessary in order for NRC to meet its responsibilities to conduct a detailed review of applications for licenses and amendments thereto to construct and operate nuclear power plants, preliminary or final design approvals, design certifications, research and test facilities, reprocessing plants and other utilization and production

facilities, licensed pursuant to the Atomic Energy Act of 1954, as amended (the Act).

- Who will be required or asked to report: Licensees (110) and applicants (7) for nuclear power plants, and research and test reactors (48).
- 6. An estimate of the number of annual responses: 9.9K
- 7. An estimate of the total number of hours needed annually to complete the requirements: 6.0M hours (approximately 3.5M reporting hours and 2.5M recordkeeping hours)
- 8. An estimate of the average burden hours per respondent: 36.9K
- 9. An indication of whether Section 3504(h), Public Law 96-511 applies: Not applicable
- 10. Abstract: 10 CFR Part 50 of the NRC's regulations, "Domestic Licensing of Production and Utilization Facilities," specifies technical information and data to be provided to the NRC or maintained by applicants and licensees so that the NRC may make determinations necessary to promote the health and safety of the public, in accordance with the Act. The reporting and

recordkeeping requirements contained in 10 CFR Part 50 are mandatory for the affected licensees and applicants.

Copies of the submittal may be inspected or obtained for a fee from the NRC Public Document Room, 2120 L Street, NW. (Lower Level), Washington, DC 20555.

Comments and questions should be directed to the OMB reviewer:

Troy Hillier
Office of Information and Regulatory Affairs (3150-0011)
NEOB-3019
Office of Management and Budget
Washington, DC 20503

Comments can also be submitted by telephone at (202) 395-3084.

The NRC Clearance Officer is Brenda Jo. Shelton, (301) 415-7232.

Dated at Rockville, Maryland, this 18th day of Many 1994.

For the Nuclear Regulatory Commission

Gerald F. Cranford

Designated Senior Official for Information Resources Management