		PDR					
Standard Form 83 Rev. September, 1983)	Request for OMB	Review	La telle hod				
Read instructions before completing for request both an Executive Order 122 the Paperwork Reduction Act.		nd three copies of this form, work—three copies of the su	the material to be reviewed, and for porting statement, to:				
Answer all questions in Part I. If this r 12291, complete Part II and sign the request is for approval under the Paper 1320, skip Part II, complete Part III and s	regulatory certification. If this Of work Reduction Act and 5 CFR Att	fice of Information and Regula fice of Management and Budg tention: Docket Library, Room ashington, DC 20503	et				
PART IComplete This Part for A	All Requests.						
1. Department/agency and Bureau/office ori	ginating request		2. Agency code				
U. S. Nuclear Regulator,	y Commission		3 1 5 0				
3. Name of person who can best answer ques	stions regarding this request		Telephone number				
Don Kasun 4. Title of information collection or rulemakir	16		(301) 492-3379				
an article and a set	al Inventory Summary Report						
USC	, Or						
6. Affected public (check all that apply)		panel.	agencies or employees				
1 Individuals or households 2 State or local governments	3 💭 Farms 4 🕅 Businesses or other for-profit		fit institutions usinesses or organizations				
PART II Complete This Part Cn	ly if the Request is for OMB Review L	Inder Executive Order 12	291				
7. Regulation Identifier Number (RIN)							
C. I a subscription of the second	, or, None assigned						
8. Type of submission (check one in each ca	itegory)	Type of review					
Classification	Stage of development	1 🗌 Standar					
2 🗌 Nonmajor	2 Final or interim final, with prior p	2 Pending roposal 3 Emerge					
A 070	3 Final or interim final, without price	or proposal 4 🗌 Statutor	ry or judicial deadline				
9. CFR section affectedCFR							
10. Does this regulation contain reporting o and 5 CFR 1320?	r recordkeeping requirements that require OMB	approval under the Paperwork Re	duction Act				
	act analysis attached?						
policy directives have been complied with.	ions w, the authorized regulatory contact and the prog	ram official certify that the requir					
Signature of program official			Date				
Signature of authorized regulatory contact	200114027						
	9001160354 9 PDR ORG E	and the second se	Date				
12. (OMB use only)		PDC					
Previous editions obsolete	83-106	64	Standard Form 83 (Rev. 9-8.				
NSN 7540-00-634-4034	And the second se	VF02	Prescribed by OM 5 CFR 1320 and E.O. 1229				

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of Information Under the Paperwork Reduction 3. Abstract-Describe needs, uses and affected public in 50 words or less		in the second of the second second			
Radioactive Materials, Radiation Safety, I	Nuclea	r Materials Account	inc"		
NRC Form 327 is submitted by fuel facility	licen	sees to account for	chorial nuclean material		
The data is used by NRC to assess licensee	mator	ial control and acc	special nuclear material.		
	ma cer	tat concrot and acc	ouncing programs.		
4. Type of information collection (check only one)					
Information collections not contained in rules					
1 X Regular submission 2 Emergency s Information collections contained in rules	submission	(certification attached)			
3 Existing regulation (no change proposed) 6 Final or interim final without prior NPRM 7. Enter date of expected or actual Feder					
4 Notice of proposed rulemaking (NPRM) A Regular si					
5 Final, NPRM was previously published B Emergence	cy submiss	ion (certification attached)	(month, day, year):		
5. Type of review requested (check only one)	an an ar				
1 New collection		4 🔲 Reinstatement of a pr	evicusly approved collection for which approval		
2 Revision of a currently approved collection		has expired	and the second		
3 2 Extension of the expiration date of a currently approved collection without any change in the substance or in the method of collection	n	5 Existing collection in a	use without an OMB control number		
6. Agency report form number(s) (include standard/optional form number	(5))	22. Purpose of information colle	ction (check as many as apply)		
NRC Form 327		1 Application for banefi	ts		
7. Annual reporting or disclosure burden		2 Program evaluation	BRIDE AND		
1 Number of respondents	11	3 General purpose stati 4 💭 Regulatory or complia			
2 Number of responses per respondent	2.5	5 Program planning or 1			
3 Total annual responses (line 1 times line 2)	28	6 Research	nanagement		
4 Hours per response	. 4	7 Audit			
	112	and the second states and the second states			
18. Annual recordkaeping burden		23. Frequency of recordkeeping	or reporting (check all that apply)		
1 Number of recordkeepers		1 Recordkeeping			
2 Annual hours par recordkeeper.		Reporting			
3 Total recordkeeping hours (line 1 times line 2)		2 C On occasion			
4 Recordkeeping retention period	years	3 🗍 Weekiy	and a second state from the second second second		
19. Total annual burden		4 🛄 Monthly			
	112 188	5 🖸 Quarterly			
	76	6 X Semi-annually			
	. /0	7 🕅 Annually			
Explanation of difference		8 Biennially			
4 Program change	. 76	9 🛛 Other (describe):	Bi-monthly		
20. Current (most recent) OMB control number or comment number		24. Respondents' obligation to o	comply (check the strongest obligation that applie		
3150-0139		1 Voluntary			
21. Requested expiration date	5. 18 YE 17 Y	2 Required to obtain o	r retain a benefit		
3 years from approval date		3 X Mandatory			
25. Are the respondents primarily educational agencies or institutions or is	the prima	ry purpose of the collection related	d to Federal education programs? 🗌 Yes 🕅 N		
26. Does the agency use sampling to select respondents or does the agen by respondents?	icy recomm	nend or prescribe the use of samp	ling or statistical analysis		
27. Regulatory authority for the information collection					
10 CFR 74.17 ; or	FR	; or, Oth	her (specify):		
Programmath Contribution	derour.	and the set of the states			
Paperwork Certification In submitting this request for OMB approval, the agency head, the senio	official a	an authorized reconstation	adifine that the second second second		
Privacy Act, statistical standards or directives, and any other applicable in	formation	policy directives have been compl	ertimes that the requirements of 5 CFR 1320, t		
Signature of program official			Date		
Signature of agency head, the senior official or an authorized representation Joyce A. Amenta, Designated Senior Offic for Information Resources Management	ve	1	Date		
for Information Personnes Management	cial se	senge here			
for Information Resources Management	2/1	0 10	0		
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PART III Complete This Part Only if the Request is for Approv of Information Under the Paperwork Reduction Act i	
13. Abstract-Describe needs, uses and affected public in 50 words or less	
"Radioactive Materials, Radiation Safety, Nucle	ear Materials Accounting"
NRC Form 327 is submitted by fuel facility lice	ensees to account for special nuclear material.
The data is used by NRC to assess licensee mate	arial control and accounting programs
the data is used by fine to assess freehsee mate	strat concret and accounting programs.
14. Type of information collection (check only one) Information collections not contained in rules 1 1 Regular submission 2] Emergency submission Information collections contained in rules	ion (certification attached)
3 Existing regulation (no change proposed) 6 Final or interim final with	hout prior NPRM 7. Enter date of expected or actual Federal
4 Notice of proposed rulemaking (NPRM) A Regular submission	on Register publication at this stage of rulemaking
	ission (certification attached) (month, day, year):
15. Type of review requested (check only one)	
1 New collection	4 Reinstatement of a previously approved collection for which approval
2 Revision of a currently approved collection	has expired
3 2 Extension of the expiration date of a currently approved collection	5 Existing collection in use without an OMB control number
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)
NRC Form 327	1 Application for benefits
17. Annual reporting or disclosure burden	2 Program evaluation 3 General purpose statistics
1 Number of respondents 11	4 C Regulatory or compliance
2 Number of responses per respondent 2.5	5 Program planning or management
3 Total annual responses (line 1 times line 2)	6 Research
4 Hours per response	7 Audit
5 Total hours (line 3 times line 4) 112	
18. Annual recordkeeping burden	23. Frequency of recordkeeping or reporting (check all that apply)
1 Number of recordkeepers	1 Recordkeeping
2 Annual hours per recordkeeper.	Reporting
3 Total recordseeping hours (line 1 times line 2)	2 On occasion
4 Recordkeeping retention period	
19. Total annual burden	- S - Heekly
1 Requested (line 17.5 plus line 18.3) 112	
2 in current OMB inventory	
3 Difference (line 1 less line 2) - 76	6 X Semi-annually
Explanation of difference	7 X Annually
4 Program change	8 Biennially
5 Adjustment - 76	9 X Other (describe):Bi=monthly
20. Current (most recent) OMB control number or comment number	24 Perpendents' abligation to comply (about the standard billion
3150-0139	24. Respondents' obligation to comply (check the strongest obligation that applies
21. Requested expiration date	
3 years from approval date	2 Required to obtain or retain a benefit 3 X Mandatory
	3 X Mandatory ary purpose of the collection related to Federal education programs? Yes X No
26. Does the agency use sampling to select respondents or does the agency recomm	
27. Regulatory authority for the information collection	
10 CFR 74.17 FR	; or, Other (specify):
Paperwork Certification	
n submitting this request for OMB approval, the agency head, the senior official of	or an authorized representative, certifies that the requirements of 5 CFR 1320, th
rivery res, statistical standards of directives, and any other applicable information	policy directives have been complied with.
ignature of program official	Date
ignature of agency head, the senior official or an authorized representative	
Inven & Amonta Decimated Code official	Date
for Information Resources Management	enge gessenger 1-2-90
qui	
/	4 GPO : 1984 0 - 453-776

SUPPORTING STATEMENT FOR NRC FORM 327 SPECIAL NUCLEAR MATERIAL (SNM) PHYSICAL INVENTORY SUMMARY REPORT (10 CFR 74.17)

Justification

Need for the Information Collection

Special nuclear material (SNM) is required to be controlled and accounted for because of the government's national security obligation to prevent or detect loss, diversion or theft, or the appearance thereof, of quantities of SNM that could be used for clandestine nuclear devices. To meet this obligation, NRC's safeguards material control and accounting regulations for fuel facilities require the conduct of physical inventories of SNM on a periodic basis by licensees. 10 CFR Section 74.17 requires the reporting of physical inventory results on NRC Form 327 each time that a physical inventory is conducted by a fuel facility.

Agency Use of Information

The information is used by NRC to:

- -- Determine whether SNM is lost, diverted, or stolen;
- Assess the material control and accounting performance and compliance of SNM licensees;

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- -- Make safeguards regulatory decisions;
- -- Fulfill the Commission's commitment to report to the public in NUREG-0430 differences between licensees' book and physical inventories.

Reduction of Burden Through Information Technology

There are no legal obstacles to reducing the burden by the use of improved information technology. However, respondents report classified information and thus must adhere to security regulations. Because of the type and relatively small amount of information, the reports do not lend themselves readily to the use of automated information technology.

Effort to Identify Duplication

The Information Requirements Control Automated System (IRCAS) was searched to determine duplication. None was found.

Effort to Use Similar Information

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8 B. 18 58 B. 200 The physical inventory data requested on NRC Form 327 is not available in any other NRC data collection system. NRC requires periodic SNM material status reports from all SNM licensees (DOE/NRC Forms 742 and 742C), but that information is based on licensees' book records and is not necessarily the immediate result of a physical inventory. In addition, there are quantities requested on Form 327 that are not included on the DOE/NRC Forms.

Effort to Reduce Small Business Burden

NRC has determined that the licensees required to submit NRC Form 327 are not small entities as that term is defined in the Regulatory Flexibility Act.

Consequences of Less Frequent Collection

The reporting period corresponds to the inventory frequencies required by NRC regulations. The frequency depends essentially on the strategic significance of the SNM covered by a particular license. Three existing strategic SNM licensees are required by 10 CFR 70.51(e)(3) to inventory every two months. Thus, these three licensees would submit a total of 18 reports per year. Two licensees have low enriched uranium of moderate strategic significance, which must be inventoried every six months. Thus, there are four reports per year in this category. Six licensees have low enriched uranium of low strategic significance, which presently must be inventoried annually. Thus there are six reports per year in this category. Hence, there would be a total of 28 inventory reports required per year. Less frequent reporting would result in unacceptable delays in determining whether SNM is lost, diverted, or stolen.

Circumstances Which Justify Variation from OMB Guidelines

There is no variation from OMB guidelines.

Consultations Outside NRC

There have been no consultations outside NRC since the previous clearance of this form.

Confidentiality of Information

The respondents' data for high enriched uranium is classified and low enriched uranium is usually treated as proprietary. Thus, the information is confidential. The only exception is the periodic publication of inventory difference data in NUREG-0430, which requires the Commission's approval before the information is released.

Sensitive Questions

None.

Estimated Annuallized Cost to the Federal Government

The collection of information will require an average of two hours of NRC staff time per report to review and evaluate licensees' physical inventory results. Thus, the annual costs for this activity will be \$5,320 per year (28 reports/yr X 2 hrs/report X \$95/hr). In addition, the compilation, printing, and distribution of inventory difference information in NUREG-0430 is estimated to cost \$1,360 per year (\$600 for compilation, \$340 for printing, and \$420 for distribution). Therefore, the total annual cost to the Federal government will be approximately \$6,680.

Estimate of Burden

The completion of the SNM Physical Inventory Summary Report will require approximately 4 staff hours per licensee per report. The total industry burden would then be 112 hours (28 report X 4 hrs/report = 112). The total cost for all respondents is about \$10,640 (112 hours x \$95/hr).

Reason for Change in Burden

The burden is reduced because the number of licensees making inventory reports is lower.

Publication for Statistical Use

None.

NRC FORM 327

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(1-80) 10 CFR 6 70.51(e)(5) and 74.31(c)(4)

U.S. NUCLEAR REGULATORY COMMISSION

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SPECIAL NUCLEAR MATERIAL (SNM) PHYSICAL INVENTORY SUMMARY REPORT EMPIRES: 00. 3150- 0/39 EMPIRES:

ESTIMATED DURDEN POR DESCONDE TO COMPLY WITH THIS INFORMATION COLLECTION REGREST! 4,0 D BRS. FORMASS DOSSERTS DEGADING BURDEN ESTIMATE TO THE INFORMATION AND RECEMBER REALARDER REGISTION. CANAGE 77(4).0.3. DURLEAR REGULATORY CODEI SIGN. MARMINGTON, DE 20555, AND TO THE PARENDER GENUCTION PROJECT (3150-0129). OFFICE OF RABAGERENT AND BURDET, MARMINGTON, DE 20505

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LICENSEE NAME

FACILITY LOCATION

DESCRIPTION	GRAMS ELEMENT	GRAMS ISOTOPE (U-233, U-235, or Pu-239 + Pu-241)	DOCKET NUMBER			
BEGINNING INVENTORY						
RECEIPTS +			REPORTING PERIOD		TO	
SHIPMENTS _			SPECIAL NUCLEAR MATERIAL CATEGORY			
			HEU	Pu	U-233	LEU
MEASURED DISCARDS			LICENSEE'S CERTIFYING O	FFICIAL		DATE
ENDING INVENTION (
NET SUM OF BIASES pertaining to but not included in the above guantities'	=	1	DESCRIPTION	GRAMS	ELEMENT	GRAMS ISOTOP
			STANDARD ERROR OF THE ID (SEID)			A RELEVANCE REPORT OF THE REPORT OF
PRIOR PERIOD ADJUSTMENTS**	1	*				
PRIOR PERIOD ADJUSTMENTS**	1	1				

ATTACH EXPLANATIONS OR COMMENTS TO THIS FORM ON CORPORATE LETTERHEAD

DEFINITIONS OF QUANTITIES REPORTED

BEG: NING INVENTORY: The quantity of SNM present at the facility as of the beginning of business on the first day of the period covered by the report. This quantity must agree with the ending inventory value (element and isotope) on the last report submitted.

RECEIPTS: The quantity of SNM received at the facility and other increases resulting from the introduction of additional SNM into the inventory during the reporting period.

SHIPMENTS: The quantity of SNM that was shipped from the facility during the reporting period. This includes any samples shipped for off-site analysis and parts of SNM receipts that were returned to the shipper. Measured discards are not to be included, even if shipped during the reporting period for disposal.

MEASURED DISCARDS: The quantity of SNM in the forms of gaseous, liquid and solid waste that has been discarded from the plant during the reporting period. This quantity includes the amounts of discarded SNM that have been transferred to an official holding account, released to the environment under license conditions or methods approved pursuant to 10 CFR 20, or shipped to an authorized recipient for disposal.

ENDING INVENTORY: The quantity of SNM that is indicated to be present at the facility as the result of the physical inventory.

BIAS: A fixed error which remains constant over replicated measurements. (Reier to the license conditions for specific operational procedures for calculating bias.)

PRIOR PERIOD ADJUSTMENTS: The quantity of SNM, increment or decrement, by which the centralized record system was adjusted during the current reporting period for verifiable corrections that were applicable to prior reporting periods. Typically, this quantity will involve corrections of shipments and receipts to reconcile shippen-receiver differences, or corrections of errors associated with the beginning inventory that were detected after the previous report was submitted. Any bias adjustments associated with these corrections should be included.

STANDARD ERROR OF THE INVENTORY DIFFERENCE (SEID): The standard deviation of an inventory difference that takes into account measurement error contributions to the components of the ID.

SEID LIMIT: The applicable quantity in 10 CFR 70.51(e)(5), 10 CFR 74.31(c)(4), 10 CFR 74.59(e)(5) or another quantity assigned to the licensee by the NRC

ID LIMIT: The applicable quantity in 10 CFR 74.13(b)(1), 10 CFR 74.31(c)(5), 10 CFR 74.59(f)(1)(i) or another quantity assigned to the licensee by the NRC. If exceeded, this quantity of material would promot an investigation and possibly the submittal of a subsequent special report to the NRC.

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