

ANNUAL REPORTING BURDEN OF 10 CFR PART 34 FOR NRC LICENSEES

Section	Description	Number of Respondents	Responses Per Respondent	Total Responses/yr	Burden Hrs/response	Total Burden hr/yr	Cost at \$278/hr
34.13(b)-(k)	An application for a specific license for the use of licensed material in industrial radiography will be approved if the applicant meets the specified requirements	8	1	8	40	320	\$88,960
34.27(d)	Report within 5 days results of leak testing which indicates that a source is leaking	0	1	0	4	0	\$0
34.41(c)	A licensee may conduct lay-barge, offshore platform, or underwater radiography only if procedures have been approved by the Commission or by an Agreement State.	13	1	13	20	260	\$72,280
34.101(a)&(b)	Report within 30 days of the occurrence of failures related to the source assembly and any component critical to safe operation to properly perform its intended function	5	1	5	10	50	\$13,900
34.101(c)	Requires notification prior to conducting radiographic operations or storing radioactive material in excess of 180 days at any location not listed on the license	5	1	5	0.5	2.5	\$695
Appendix A, Part I, Item 12	Requires independent certifying organizations and/or Agreement States to exchange information about certified individuals with the Commission and the Agreement States	1	6	6	0.5	3	\$834
TOTAL		32		37		635.50	\$176,669

ANNUAL REPORTING BURDEN OF 10 CFR PART 34 FOR AGREEMENT STATE LICENSEES

Section	Description	Number of Respondents*	Responses Per Respondent	Total Responses/yr	Burden Hrs/response	Total Burden hr/yr	Cost at \$278/hr
34.13(b)-(k)	An application for a specific license for the use of licensed material in industrial radiography will be approved if the applicant meets the specified requirements	58	1	58	40	2,320.00	\$644,960
34.27(d)	Report within 5 days results of leak testing which indicates that a source is leaking	0	1	0	4	0	\$0
34.41(c)	A licensee may conduct lay-barge, offshore platform, or underwater radiography only if procedures have been approved by the Commission or by an Agreement State.	94	1	94	20	1,880.00	\$522,640
34.101(a)&(b)	Report within 30 days of the occurrence of failures related to the source assembly and any component critical to safe operation to properly perform its intended function	36	1	36	10	360	\$100,080
34.101(c)	Requires notification prior to conducting radiographic operations or storing radioactive material in excess of 180 days at any location not listed on the license	36	1	36	0.5	18	\$504
TOTAL		224		224		4,578.00	\$1,268,184

ANNUAL RECORDKEEPING REQUIREMENTS OF 10 CFR PART 34 FOR NRC LICENSEES

Section	Description	Number of Record-keepers	Burden Hrs Per Recordkeeper	Total Hr/Yr	Record Retention Period
34.25(b)&(c)	Radiation survey instrument calibration & records thereof		Included in 34.65		
34.27(c)(1)&(2)	Sealed source leak testing & records thereof		Included in 34.67		
34.27(e)	"S" tube leak testing & records thereof		Included in 34.67		
34.29(a)&(b)	Sealed source inventories & records thereof		Included in 34.69		
34.31(a)&(b)(1)&(2)&(c)	Licensee's program for inspection and maintenance of § 34.43(a)	74	4	296	license termination
34.42(a)	RSO establishes, oversees, and regularly reviews all operating, emergency, and ALARA procedures as required	74	8	592	license termination
34.42(c)(1)	RSO oversees and approves all phases of the training program for radiographic personnel	74	16	1184	license termination
34.42(c)(2)	RSO ensures that required radiation surveys and leak tests are performed and documented in accordance with the	74	8	592	license termination
34.42(c)(3)	RSO ensures that personnel monitoring devices are calibrated and used properly, that records are kept of the monitoring results, and that timely notifications are made as required by § 20.2203 of this chapter	74	16	1184	license termination
34.42(c)(4)	RSO ensures that operations are conducted safely and assumes control for instituting corrective actions	74	8	592	license termination
34.42(c)(5)	Tests of controls and alarms at permanent radiographic installations and records thereof		Included in 34.75		
34.33(b)	Records of training, examinations, refresher safety training, and semiannual inspections of job performance		Included in 34.79		
34.43(f)	Program for routine operations and emergencies for employees to follow in performing safety functions & copies of procedures		Included in 34.81		
34.45(a)&(b)	Read and record exposure on direct reading dosimeters; maintain records		Included in 34.83(a)		
34.47(b)	Periodic check of pocket dosimeters or electronic dosimeters for correct response to radiation; maintain records		Included in 34.83(a)		
34.47(c)	Determination of exposure if an individual's pocket dosimeter goes off-scale		Included in 34.83(d)		
34.47(d)	Requirements if a personnel dosimeter is lost or damaged		Included in 34.83(d)		
34.47(e)	Requirement to maintain reports received from personnel dosimeter processors		Included in 34.83(c)		
34.47(f)	Calibrate alarm ratemeters; maintain records		Included in 34.83(b)		
34.47(g)(4)	Surveys of radiographic exposure device & records thereof		Included in 34.85		
34.49(c)&(d)	Licensee to have a copy of the license, license conditions, documents incorporated by reference, and all amendments	74	0.16	11.84	license termination
34.61	Maintain records showing receipts and transfers of sealed sources and devices using DU shielding	74	1.6	118.4	3 Years

34.65	Maintain records of calibrations of radiation survey instruments	74	1.6	118.4	3 Years
34.67	Maintain records of leak test results	74	1.2	88.8	3 Years
34.69(a)&(b)	Maintain records of quarterly inventories of sealed sources and devices containing DU shielding & include specific information concerning such inventories	74	2	148	3 Years
34.71(a)&(b)	Maintain utilization logs for each sealed radioactive source & records thereof	74	36	2664	3 Years
34.73(a)&(b)	Maintain records of equipment problems and maintenance	74	27	1998	3 Years
34.75	Maintain records of alarm system and entrance control device tests at permanent radiographic installations	12	48.2	578.4	3 Years
34.79(a)&(b)	Maintain records of training of radiographers and radiographers' assistants in accordance with § 34.43(f)	74	5	370	3 Years
34.81	Retain records of current operating and emergency procedures specified in § 34.45	74	0.08	5.92	license termination
34.83(a)	Maintain exposure records for direct reading dosimeters	74	122.5	9065	3 Years
34.83(b)	Maintain records for alarm rate meter calibrations	74	2.5	185	3 Years
34.83(c)&(d)	Maintain records for reports from personnel dosimeter processor & for estimates of exposures resulting from off- scale or lost or damaged dosimeters	74	3	222	3 Years
34.85	Maintain record of last survey of each radiographic exposure device on each day used prior to placing device in storage	74	120	8880	3 Years
34.87	Maintain each record in a legible form	74	0	0	life of program
34.89(a)&(b)	Maintain copies of records sufficient to demonstrate compliance at field stations and temporary job sites	74	5	370	license termination
Appendix A, Part I, item 6	Note: 34.87 requires the licensee to maintain all records in a legible form (including electronic storage media). This requirement does not impose additional burden beyond the burden included in other recordkeeping requirements.				
Appendix A, Part I, item 9	ICO written by laws and policies	1	10	10	life of program
Appendix A, Part I, item 10	ICO written procedures describing its certification program	1	70	70	life of program
Appendix A, Part I, item 11	ICO procedures to ensure due process with respect to administration of certification program	1	10	10	life of program
Appendix A, Part I, item 13	ICO procedures for proctoring examinations	1	10	10	life of program
Appendix A, Part II, item 2	ICO description of procedures for choosing examination sites and for providing an appropriate examination environment	1	10	10	life of program
Appendix A, Part II, item 3	CP required to provide documentation demonstrating that radiography applicants have received training and are capable of independently working as a radiographer	1	38	38	life of program
Appendix A, Part II, item 4	CP includes procedures to ensure that all examination questions are protected from disclosure	1	10	10	life of program
Appendix A, Part II, item 6	CP includes procedures for denying an application, revoking, suspending, and reinstating a certificate; CP includes procedures for renewing certifications; renewals without examination require evidence of recent full-time employment and annual refresher training	1	10	10	life of program

Appendix A, Part II, item 7	CP provides timely response to inquiries from members of the public about an individual's certification status	1	50	50	life of program
Appendix A, Part III, item 3	Written examinations have test items drawn from a question bank containing psychometrically valid questions based on the material in § 34.43(g)	1	120	120	life of program
TOTAL		74		29,611.76	

ANNUAL RECORDKEEPING BURDEN OF 10 CFR PART 34 FOR AGREEMENT STATE LICENSEES

Section	Description	Number of Recordkeepers	Burden Hrs Per Recordkeeper	Total Hr/Yr	Record Retention Period
34.25(b)&(c)	Radiation survey instrument calibration & records thereof		Included in 34.65		
34.27(c)(1)&(2)	Sealed source leak testing & records thereof		Included in 34.67		
34.27(e)	"S" tube leak testing & records thereof		Included in 34.67		
34.29(a)&(b)	Sealed source inventories & records thereof		Included in 34.69		
34.31(a)&(b)(1)&(2)&(c)	Licensee's program for inspection and maintenance tests of controls and alarms at permanent radiographic installations and records thereof		Included in 34.73		
34.33(b)	Completion of the training and testing requirements of § 34.43(a)		Included in 34.75		
34.42(a)	RSO establishes, oversees, and regularly reviews all operating, emergency, and ALARA procedures as required by 10 CFR part 20 of this chapter	533	4	2132	license termination
34.42(c)(1)	RSO oversees and approves all phases of the training program for radiographic personnel	533	8	4264	license termination
34.42(c)(2)	RSO ensures that required radiation surveys and leak tests are performed and documented in accordance with	533	16	8528	license termination
34.42(c)(3)	RSO ensures that personnel monitoring devices are calibrated and used properly, that records are kept of the monitoring results, and that timely notifications are made as required by § 20.2203 of this chapter	533	8	4264	license termination
34.42(c)(4)	RSO ensures that operations are conducted safely and assumes control for instituting corrective actions	533	16	8528	license termination
34.42(c)(5)	Records of training, examinations, refresher safety training, and semiannual inspections of job performance	533	8	4264	license termination
34.43(f)			Included in 34.79		
34.45(a)&(b)	Program for routine operations and emergencies for employees to follow in performing safety functions & copies of		Included in 34.81		
34.47(b)	Read and record exposure on direct reading dosimeters; maintain records		Included in 34.83(a)		
34.47(c)	Periodic check of pocket dosimeters or electronic dosimeters for correct response to radiation; maintain records		Included in 34.83(a)		
34.47(d)	Determination of exposure if an individual's pocket dosimeter goes off-scale		Included in 34.83(d)		

34.47(e)	Requirements if a personnel dosimeter is lost or damaged	Included in 34.83(d)				
34.47(f)	Requirement to maintain reports received from personnel dosimeter processors	Included in 34.83(c)				
34.47(g)(4)	Calibrate alarm ratemeters; maintain records	Included in 34.83(b)				
34.49(c)&(d)	Surveys of radiographic exposure device & records thereof	Included in 34.85				
34.61	Licensee to have a copy of the license, license conditions, documents incorporated by reference, and all amendments	533	0.16	85.28	license termination	
34.63	Maintain records showing receipts and transfers of sealed sources and devices using DU shielding	533	1.6	852.8	3 Years	
34.65	Maintain records of calibrations of radiation survey instruments	533	1.6	852.8	3 Years	
34.67	Maintain records of quarterly inventories of sealed sources and devices containing DU shielding & include specific	533	1.2	639.6	3 Years	
34.69(a)&(b)	Maintain utilization logs for each sealed radioactive source	533	2	1066	3 Years	
34.71(a)&(b)	Maintain records of equipment problems and maintenance	533	36	19188	3 Years	
34.73(a)&(b)	Maintain records of alarm system and entrance control device tests at permanent radiographic installations	533	27	14391	3 Years	
34.75	Maintain records of training of radiographers and radiographers' assistants in accordance with § 34.43(f)	86	48.2	4164.5	3 Years	
34.79(a)&(b)	Retain records of current operating and emergency procedures specified in § 34.45	533	5	2665	3 Years	
34.81	Maintain exposure records for direct reading dosimeters	533	0.08	42.64	license termination	
34.83(a)	Maintain records for alarm ratemeter calibrations	533	122.5	65292.5	3 Years	
34.83(b)	Maintain records for reports from personnel dosimeter processor & for estimates of exposures resulting from off-	533	2.5	1332.5	3 Years	
34.83(c)&(d)	Maintain record of last survey of each radiographic exposure device on each day used prior to placing device	533	3.2	1705.6	3 Years	
34.85	Maintain each record in a legible form	533	120	63960	3 Years	
34.87	Maintain copies of records sufficient to demonstrate compliance at field stations and temporary job sites	533	0	0	life of program	
34.89(a)&(b)	CP required to provide documentation demonstrating that radiography applicants have received training and are capable of independently working as a radiographer	533	5.4	2878	license termination	
Appendix A, Part II, item 2	CP includes procedures to ensure that all examination questions are protected from disclosure	9	14	126	life of program	
Appendix A, Part II, item 3	CP includes procedures for denying an application, revoking, suspending, and reinstating a certificate	9	10	90	life of program	
Appendix A, Part II, item 4	CP includes procedures for renewing certifications; renewals without examination require evidence of recent full-time employment and annual refresher training	9	10	90	life of program	

Note: 34.87 requires the licensee to maintain all records in a legible form (including electronic storage media). This requirement does not impose additional burden beyond the burden included in other recordkeeping requirements.

Appendix A, Part II, item 7	CP provides timely response to inquiries from members of the public about an individual's certification status	9	25	225	life of program
Appendix A, Part III, item 3	Written examinations have test items drawn from a question bank containing psychometrically valid questions based on the material in § 34.43(g)	1	120	120	life of program
TOTAL		533		211837.22	

ANNUAL THIRD PARTY DISCLOSURE REQUIREMENTS OF 10 CFR PART 34 FOR NRC LICENSEES

Section	Description	Number of Respondents	Responses Per Respondent	Total Responses/yr	Burden Hrs/response	Total Burden hr/yr	Cost at \$278/hr
34.20(b)(1)	Labels on radiographic exposure devices	74	1	74	0.4	29.6	\$8,229
34.35(a)	Requires durable, legible, and clearly visible label on source changer or container that indicates whom to notify	74	1	74	0.8	59.2	\$16,458
34.35(b)	Requires appropriate packaging, labeling, and shipping papers for transport of licensed material	74	1	74	36	2,664.00	\$740,592
34.43(b)(1)&(c)(1)	Requires the licensee to provide radiographers and assistants with copies of pertinent sections of NRC and DOT regulations, the NRC license, and operating and emergency procedures	74	1	74	2.5	185	\$51,430
TOTAL		74		296		2,937.80	\$816,708

ANNUAL THIRD PARTY DISCLOSURE BURDEN OF 10 CFR PART 34 FOR AGREEMENT STATE LICENSEES

Section	Description	Number of Respondents	Responses Per Respondent	Total Responses/yr	Burden Hrs/response	Total Burden hr/yr	Cost at \$278/hr
34.20(b)(1)	Labels on radiographic exposure devices	533	1	533	0.4	213.2	\$59,270
34.35(a)	Requires durable, legible, and clearly visible label on source changer or container that	533	1	533	0.8	426.4	\$118,539
34.35(b)	Requires appropriate packaging, labeling, and shipping papers for transport of licensed	533	1	533	36	19,188.00	\$5,334,264
34.43(b)(1)&(c)(1)	Requires the licensee to provide radiographers and assistants with copies of pertinent sections of NRC and DOT	533	1	533	2.5	1,332.50	\$370,435
TOTAL		533		2,132.00		21,160.10	\$5,882,508

TOTAL BURDEN FOR 10 CFR 34

	NRC Licensees	Agreement State Licensees	TOTAL	Cost @\$278/hr
Reporting	635.50	4,578.00	5,213.50	\$1,449,353.00
Recordkeeping	29,611.76	211,837.22	241,448.98	\$67,122,816.44
Third-Party Disclosure	2,937.80	21,160.10	24,097.90	\$6,699,216.20
TOTAL	33,185.06	237,575.32	270,760.38	\$75,271,385.64