

**TABLE 1  
ANNUAL REPORTING BURDEN  
10 CFR PART 52**

**GENERAL PROVISIONS**

<b>Section</b>	<b>Number of Respondents Annually</b>	<b>Responses per Respondent Annually</b>	<b>Total Responses Annually</b>	<b>Burden per Response</b>	<b>Total Annual Burden Hours</b>	<b>Estimate Annual Cost @ \$274/hr</b>
52.7 (Respondent is same as in Subpart C below. Only one exemption is expected to be requested annually)	1	1	1	360	360	\$98,640
<b>Subtotal: General Provisions</b>	<b>1</b>		<b>1</b>		<b>360</b>	<b>\$98,640</b>

**SUBPART A: EARLY SITE PERMITS (ESPs)**  
NRC expects 0 ESP applications over the next 3 years.

52.15(b) – Burden covered under 10 CFR 50.30(a), (b), and (f), approved by OMB under Clearance No. 3150-0011.	n/a	n/a	n/a	n/a	n/a	n/a
52.16 – Burden covered under 10 CFR 50.33(a) – (d) and 50.33(j), approved by OMB under Clearance No. 3150-0011	n/a	n/a	n/a	n/a	n/a	n/a
52.17(a)(1)	0	1	0	6,000	0	\$0
52.17(a)(2) – Burden covered under 10 CFR 51.50, approved by OMB under Clearance No. 3150-0021	0	1	0	60	0	\$0
52.17(b)(1)	0	1	0	20	0	\$0
52.17(b)(2)(i) and 52.17(b)(3) without ITAAC	0	0	0	1,000	0	\$0
52.17(b)(2)(i) and 52.17(b)(3) with ITAAC	0	0	0	2,667	0	\$0
52.17(b)(2)(ii) and 52.17(b)(3)	0	1	0	2,000	0	\$0
52.17(b)(4)	0	1	0	40	0	\$0
52.17(c) – Burden covered under 10 CFR 50.10(d)(3), approved by OMB under Clearance No. 3150-0011	n/a	n/a	n/a	n/a	n/a	n/a
52.29(a)	0	0	0	6,000	0	\$0
52.35	0	0	0	40	0	\$0
52.39(b) – Burden covered under 10 CFR 52.79(b)	n/a	n/a	n/a	n/a	n/a	n/a
52.39(d)	0	1	0	120	0	\$0
52.39(e) – Burden covered under 10 CFR 50.90, approved by OMB Clearance No. 3150-0011	n/a	n/a	n/a	n/a	n/a	n/a
<b>Subtotal: Subpart A</b>	<b>0</b>		<b>0</b>		<b>0</b>	<b>\$0</b>
				2010	<b>8,180</b>	
				Delta	-8,180	

**SUBPART B: STANDARD DESIGN CERTIFICATIONS (DCs)**

NRC expects 4 DC applications over the next 3 years. (mPower, NuScale, Westinghouse SMR, APR1400 (4/3=1.3333))

Section	Number of Respondents Annually	Responses per Respondent Annually	Total Responses Annually	Burden per Response	Total Annual Burden Hours	Estimate Annual Cost @ \$274/hr
52.45 – Burden covered under 10 CFR 52.46 and 52.47	n/a	n/a	n/a	n/a	n/a	n/a
52.46 – Burden covered under 10 CFR 50.33 (a) – (c) and 50.33 (j), approved by OMB under Clearance No. 3150-0011	n/a	n/a	n/a	n/a	n/a	n/a
52.47 (a), except (a)(6) & (a)(27)	1.333	1	1.333	35,300	47,055	\$12,893,043
52.47(a)(6) – Burden covered under 10 CFR 20.1406, approved by OMB under Clearance No. 3150-0014	n/a	n/a	n/a	n/a	n/a	n/a
52.47(a)(27)	1.333	1	1.333	45,400	60,518	\$16,581,987
52.47(b)(1)	1.333	1	1.333	25,300	33,725	\$9,240,623
52.47(b)(2) – Burden covered under 10 CFR 51.55, approved by OMB under Clearance No. 3150-0021	n/a	n/a	n/a	n/a	n/a	n/a
52.47(c)(1) – Burden covered under 10 CFR 52.47(a) and 52.47(b)	n/a	n/a	n/a	n/a	n/a	n/a
52.47(c)(2) – Burden covered under 10 CFR 52.47(a) and 52.47(b)	n/a	n/a	n/a	n/a	n/a	n/a
52.51 – Burden covered under 10 CFR 52.47(a)	n/a	n/a	n/a	n/a	n/a	n/a
52.57(a)	0	0	0	10,000	0	\$0
52.63(b)(1) – Burden covered under 10 CFR 52.7	n/a	n/a	n/a	n/a	n/a	n/a
<b>Subtotal: Subpart B</b>	<b>1.3333</b>		<b>3.999</b>		<b>141,298</b>	<b>\$38,715,652</b>

<sup>[1]</sup> Due to rounding, the total burden cost may not equal the sum of the costs of the individual requirements.

2010	141,298
delta	0

**SUBPART C: COMBINED LICENSES (COLs)**

NRC expects 0 COL applications over the next 3 years

1 COLs referencing DC applications (0.333 responses/year) and 0 referencing ESP applications (0 responses per year)

4 COLs under construction; 0 COLs in operation (refer to table 3, list of applicants)

NRC expects one uncompleted ITAAC notification and one all ITAAC complete notification over the next 3 years (1/3=0.3333)

Section	Number of Respondents Annually	Responses per Respondent Annually	Total Responses Annually	Burden per Response	Total Annual Burden Hours	Estimate Annual Cost @ \$274/hr
52.75 – Burden covered under 10 CFR 50.30, approved by OMB under Clearance No. 3150-0011	n/a	n/a	n/a	n/a	n/a	n/a
52.77 – Burden covered under 10 CFR 50.33, approved by OMB under Clearance No. 3150-0011	n/a	n/a	n/a	n/a	n/a	n/a
52.79(a), except (a)(45) & (a)(46) – COL that doesn't reference any other Part 52 product	0	0	0	58,420	0	\$0
52.79(a)(45) – Burden covered under 10 CFR 20.1406, approved by OMB under Clearance No. 3150-0014	n/a	n/a	n/a	n/a	n/a	n/a
52.79(a)(46)	0	0	0	54,000	0	\$0
52.79(b) – COL that references an ESP	0	0	0	102,368	0	\$0
52.79(c) – COL that references a design approval	0	0	0	46,460	0	\$0
52.79(d) – COL that references a DC	0.3333	1	0.3333	31,460	10,486	\$2,873,059
52.79(e) – COL that references a manufactured reactor	0	0	0	36,460	0	\$0
52.79(b) & (d) – COL that references both an ESP and a DC	0	1	0	26,560	0	\$0
52.80(a) – 40,000 hours for applications which do not reference a DC	0	0	0	40,000	0	\$0
10,000 hours for applications that do not reference a certified design	0	0	0	10,000	0	\$0
52.80(b) – Burden covered under 10 CFR 51.50, approved by OMB under Clearance No. 3150-0021	n/a	n/a	n/a	n/a	n/a	n/a
52.80(c) – Burden covered under 10 CFR 50.10(d)(3), approved by OMB under Clearance No. 3150-0011	n/a	n/a	n/a	n/a	n/a	n/a
52.93(a) – Burden covered under 10 CFR 52.7	n/a	n/a	n/a	n/a	n/a	n/a
52.93(b) – Burden covered under 10 CFR 52.39	n/a	n/a	n/a	n/a	n/a	n/a
52.93(c) – Burden covered under 10 CFR 52.171	n/a	n/a	n/a	n/a	n/a	n/a
52.99(a) - See Table 3	4	2	8	20	160	\$43,840
52.99(c)(1)- ITAAC Closure Notification	4	250	1000	40	40,000	\$10,960,000
52.99(c)(2)- ITAAC Post-closure Notifications	4	6	24	20	480	\$131,520
52.99(c)(3)- Uncompleted ITAAC Notifications	0.33	1	0.33	40	13	\$3,617
52.99(c)(4)- All ITAAC Complete Notifications	0.33	1	0.33	8	3	\$723
52.99(d)(1) & 52.99(d)(2) – Burden covered under 10 CFR 52.39 (variances) and 52.7 (exemptions)	n/a	n/a	n/a	n/a	n/a	n/a
52.103(a)	0.33	1	0.33	10	3	\$904
52.110(a)	0	0	0	20	0	\$0
52.110(d)	0	0	0	3,000	0	\$0
52.110(g)	0	0	0	20	0	\$0
52.110(h)(3)	0	0	0	20	0	\$0

52.110(h)(4)	0	0	0	20	0	\$0
<b>Subtotal: Subpart C</b>	<b>13.3233</b>		<b>1033.3233</b>		<b>51,145</b>	<b>\$14,013,664</b>

2010	41,396
delta	9,749

**SUBPART E: STANDARD DESIGN APPROVALS**

NRC expects 0 design approval applications over the next 3 years.

Section	Number of Respondents Annually	Responses per Respondent Annually	Total Responses Annually	Burden per Response	Total Annual Burden Hours	Estimate Annual Cost @ \$274/hr
52.135 – Burden covered under 10 CFR 50.30, approved by OMB under Clearance No. 3150-0011	n/a	n/a	n/a	n/a	n/a	n/a
52.136 – Burden covered under 10 CFR 50.33(a) – (d) and 50.33 (j), approved by OMB under Clearance No. 3150-0011	n/a	n/a	n/a	n/a	n/a	n/a
52.137(a), except (a)(6) & (a)(25)	0	0	0	42,000	0	\$0
52.137(a)(6) – Burden covered under 10 CFR 20.1406, approved by OMB under Clearance No. 3150-0014	n/a	n/a	n/a	n/a	n/a	n/a
52.137(a)(25)	0	0	0	54,000	0	\$0
<b>Subtotal: Subpart E</b>	<b>0</b>		<b>0</b>		<b>0</b>	<b>0</b>
				<b>2010</b>	<b>0</b>	
				<b>delta</b>	<b>0</b>	

**SUBPART F: MANUFACTURING LICENSES**

NRC expects 0 manufacturing license applications over the next 3 years.

Section	Number of Respondents Annually	Responses per Respondent Annually	Total Responses Annually	Burden per Response	Total Annual Burden Hours	Estimate Annual Cost @ \$274/hr
52.155 – Burden covered under 10 CFR 50.30, approved by OMB under Clearance No. 3150-0011	n/a	n/a	n/a	n/a	n/a	n/a
52.156 – Burden covered under 10 CFR 50.33(a) – (d) and 50.33(j), approved by OMB under Clearance No. 3150-0011	n/a	n/a	n/a	n/a	n/a	n/a
52.157, except 52.157(f)(9) & (f)(31)	0	0	0	50,000	0	\$0
52.157(f)(9) – Burden covered under 10 CFR 20.1406, approved by OMB under Clearance No. 3150-0014	n/a	n/a	n/a	n/a	n/a	n/a
52.157(f)(31)	0	0	0	54,000	0	\$0
52.158(a)	0	0	0	30,000	0	\$0
52.158(b) – Burden covered under 10 CFR 51.54, approved by OMB under Clearance No. 3150-0021	n/a	n/a	n/a	n/a	n/a	n/a
52.171(b) – Burden covered under 10 CFR 50.90 & 50.91, approved by OMB under Clearance No 3150-0011	n/a	n/a	n/a	n/a	n/a	n/a
52.177	0	0	0	10,000	0	\$0
<b>Subtotal: Subpart F</b>	<b>0</b>		<b>0</b>		<b>0</b>	<b>0</b>
				<b>2010</b>	<b>0</b>	

delta	0
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NRC expects to promulgate 3 DCRs over the next 3 years- US-APWR, EPR, ESBWR

**APPENDIX A: ABWR DESIGN CERTIFICATION RULE**

NRC expects 0 applicants to reference the ABWR Design Certification Rule over the next 3 years.

NRC expects 0 COLs referencing Appendix A under construction over the next 3 years

Section	Number of Respondents Annually	Responses per Respondent Annually	Total Responses Annually	Burden per Response	Total Annual Burden Hours	Estimate Annual Cost @ \$274/hr
IX.A.2 – Burden covered under 10 CFR 52.99	n/a	n/a	n/a	n/a	n/a	n/a
X.B.1 - COL departures from DC	0	1	0	8	0	\$0
X.B.2 - COL DCD updates	0	1	0	500	0	\$0
X.B.3.c – Burden covered under X.B.1 and X.B.2	n/a	n/a	n/a	n/a	n/a	n/a

**APPENDIX B: SYSTEM 80+ DESIGN CERTIFICATION RULE**

NRC expects 0 applicants to reference the System 80+ Design Certification Rule over the next 3 years.

NRC expects 0 COLs referencing Appendix B under construction over the next 3 years

Section	Number of Respondents Annually	Responses per Respondent Annually	Total Responses Annually	Burden per Response	Total Annual Burden Hours	Estimate Annual Cost @ \$274/hr
IX.A.2 – Burden covered under 10 CFR 52.99	n/a	n/a	n/a	n/a	n/a	n/a
X.B.1	0	1	0	8	0	\$0
X.B.2	0	1	0	500	0	\$0
X.B.3.c – Burden covered under X.B.1 and X.B.2	n/a	n/a	n/a	n/a	n/a	n/a

**APPENDIX C: AP600 DESIGN CERTIFICATION RULE**

NRC expects 0 applicants to reference the AP600 Design Certification Rule over the next 3 years.

NRC expects 0 COLs referencing Appendix C under construction over the next 3 years

Section	Number of Respondents Annually	Responses per Respondent Annually	Total Responses Annually	Burden per Response	Total Annual Burden Hours	Estimate Annual Cost @ \$274/hr
IX.A.2 – Burden covered under 10 CFR 52.99	n/a	n/a	n/a	n/a	n/a	n/a
X.B.1	0	1	0	8	0	\$0
X.B.2	0	1	0	500	0	\$0
X.B.3.c – Burden covered under X.B.1 and X.B.2	n/a	n/a	n/a	n/a	n/a	n/a

**APPENDIX D: AP1000 DESIGN CERTIFICATION RULE**

NRC expects 0 applicants to reference the AP1000 Design Certification Rule over the next 3 years.

NRC expects 4 COLs referencing Appendix D under construction over the next 3 years

Section	Number of Respondents Annually	Responses per Respondent Annually	Total Responses Annually	Burden per Response	Total Annual Burden Hours	Estimate Annual Cost @ \$274/hr
IX.A.2 – Burden covered under 10 CFR 52.99	n/a	n/a	n/a	n/a	n/a	n/a
X.B.1	4	2	8	8	64	\$17,536
X.B.2	4	1	4	500	2,000	\$548,000
X.B.3.c – Burden covered under X.B.1 and X.B.2	n/a	n/a	n/a	n/a	n/a	n/a
<b>Subtotal: Appendices</b>	<b>4</b>		<b>12</b>		<b>2,064</b>	<b>\$565,536</b>
				<b>2010</b>	<b>0</b>	
				<b>delta</b>	<b>2,064</b>	

<sup>[1]</sup> Due to rounding, the total burden cost may not equal the sum of the costs of the individual requirements.

**APPENDIX N: STANDARDIZATION OF NUCLEAR POWER PLANT DESIGNS:  
 COMBINED LICENSES TO CONSTRUCT AND OPERATE NUCLEAR POWER REACTORS OF IDENTICAL DESIGN AT MULTIPLE SITES**  
 NRC expects 0 combined license applicants to use Appendix N over the next 3 years.

Section	Number of Respondents Annually	Responses per Respondent Annually	Total Responses Annually	Burden per Response	Total Annual Burden Hours	Estimate Annual Cost @ \$274/hr
Paragraph 2	0	0	0	10	0	\$0
Paragraph 3	0	0	0	40	0	\$0
Paragraph 4 – Burden covered under 10 CFR 52.80(c)						
<b>Subtotal: Appendix N</b>	<b>0</b>		<b>0</b>		<b>0</b>	<b>\$0</b>
<b>Total Part 52 Reporting Burden</b>	<b>19.6566</b>		<b>1,050</b>		<b>194,867</b>	<b>\$53,393,492</b>
				<b>2010</b>	<b>191,774</b>	
				<b>delta</b>	<b>3,093</b>	



**TABLE 2  
ANNUAL RECORDKEEPING BURDEN  
10 CFR PART 52**

recordkeepers under 52.63(b)(2) and 52.63(b) are noted as the same record keeper and are only counted once

Section	Number of Record keepers 7/3=2.333 0/3=0 (4/3=1.333)	Burden Hrs. per Record keeper	Total Annual Burden Hours	Estimate Annual Cost @ \$274/hr
52.47	2.333	500	1,167	\$319,621
52.57(a)-renewals	0	500	0	\$0
52.63(b)(2)	1.333	1,500	2,000	\$547,863
52.63(c) & 52.73(b)	1.333	500	667	\$182,621

Section	2010 annual burden	delta
52.47	666.5	500
52.57(a)-renewals	166.5	<b>-167</b>
52.63(b)(2)	8499	-6,500
52.63(c) & 52.73(b)	2833	-2,167

**APPENDIX A: ABWR DESIGN CERTIFICATION RULE**

NRC expects 1 applicant to maintain records for the ABWR Design Certification Rule over the next 3 years.

Section	Number of Record keepers	Burden Hrs. per Record keeper	Total Annual Burden Hours	Estimate Annual Cost @ \$274/hr
X.A.1	1	34	34	\$9,316
X.A.2 – Burden covered under 10 CFR 50.71(e)				
X.A.3 – Burden covered under 10 CFR 50.59(d)				
X.A.4.a - Burden approved under 3150-0210 *	1	1	3	\$822
X.A.4.b - Burden approved under 3150-0210 *	1	1	3	\$822

<sup>[1]</sup> Due to rounding, the total burden cost may not equal the sum of the costs of the individual requirements.

\* Burden covered under, U.S Advanced Boiling Water Reactor Aircraft Impact Design Certification Amendment (3150-0210). Following the approval of this renewal, this clearance 3150-0210 will be discontinued.

**APPENDIX B: SYSTEM 80+ DESIGN CERTIFICATION RULE**

NRC expects 1 applicant to maintain records for the System 80+ Design Certification Rule over the next 3 years.

Section	Number of Record keepers	Burden Hrs. per Record keeper	Total Annual Burden Hours	Estimate Annual Cost @ \$274/hr
X.A.1	1	34	34	\$9,316
X.A.2 – Burden covered under 10 CFR 50.71(e)				
X.A.3 – Burden covered under 10 CFR 50.59(d)				

**APPENDIX C: AP600 DESIGN CERTIFICATION RULE**

NRC expects 1 applicant to maintain records for the AP600 Design Certification Rule over the next 3 years.

Section	Number of Record keepers	Burden Hrs. per Record keeper	Total Annual Burden Hours	Estimate Annual Cost @ \$274/hr
X.A.1	1	34	34	\$9,316
X.A.2 – Burden covered under 10 CFR 50.71(e)				
X.A.3 – Burden covered under 10 CFR 50.59(d)				

**APPENDIX D: AP1000 DESIGN CERTIFICATION RULE**

NRC expects 1 applicant to maintain records for the AP1000 Design Certification Rule over the next 3 years.

Section	Number of Record keepers	Burden Hrs. per Record keeper	Total Annual Burden Hours	Estimate Annual Cost @ \$274/hr
X.A.1	1	34	34	\$9,316
X.A.2 – Burden covered under 10 CFR 50.71(e)				
X.A.3 – Burden covered under 10 CFR 50.59(d)				

<b>Total Part 52 Recordkeeping Burden</b>	<b>9.666</b>		<b>3,975</b>	<b>\$1,089,013</b>
<b>Total Storage Cost</b>				<b>\$ 435.61</b>

**10 CFR Part 52 Burden**

	<b>Current</b>	<b>2010</b>	<b>Delta</b>
<b>Total Number of Respondents:</b>	20	20	0
<b>Total Number of Responses:</b>	1,050	67	983.3223
<b>Total Number of Recordkeepers:</b>	10	11	-1
<b>Total Reporting Burden Hours:</b>	194,867	192,830	2036.758
<b>Total Recordkeeping Burden Hours:</b>	3,975	12,325	-8350.5
<b>Total Burden Hours:</b>	198,842	205,155	<b>(6,313)</b>
<b>Total Cost:</b>	\$54,482,940	\$52,447,321	\$2,035,619

[1] Due to rounding, the total burden cost may not equal the sum of the costs of the individual requirements.

**TABLE 3  
ANNUAL REPORTING BURDEN UNDER 10 CFR 52.99(a)  
10 CFR PART 52**

NOTE: BELLEFONTE, CALLAWAY, NINE MILE, GRAND GULF, RIVER BEND reviews suspended and removed

Licensee	2014	2015	2016			
South Texas (2 units)	N	N	N			
Vogtle (2 units)	A	A	Z			
Lee (2 units)	N	N	N			
Harris (2 units)	N	N	N			
Summer (2 units)	A	A	A			
Levy County (2 units)	N	N	N			
Turkey Point (2 units)	N	N	N			
Calvert Cliffs (1 unit)	N	N	N			
Bell Bend (1 unit)	N	N	N			
North Anna (1 unit)	N	N	N			
Fermi (1 unit)	N	N	N			
Comanche Peak (2 units)	N	N	N			
Total Submittals	0	0	0			
Model	Year A	Year A+1	Year A+2	Year Z-1	Year Z	Year Z+1
Number of submittals per year per unit	1	2	2	12	12	12
Note: N = license not yet issued, A = license issued, Z = initial fuel load						
Note: Continue ITAAC complete notifications 12 per year until notification of all ITAAC met						
Note: Assumes that each unit will submit a separate report						

<b>Reviews</b>				
CY	2014	2015	2016	
COLA	6	2.5	0	
ESP	2	1	0	
DCA	4.5	5	4.5	
DCR	2	2	0.25	

<b>COLs under construction</b>			assumed 4 year construction end
	Start Date		
Vogtle	3/30/2012	3/30/2016	
Summer	3/30/2012	3/30/2016	

52.99[c][1]	V1	V2	S3	S4			
	2014	50	100	100	100		
	2015	250	200	200	200		
	2016	600	400	400	400	<b>reports/yr</b>	
	2017 fuel load		200	200	200	4 respondents	
	2018	fuel load	fuel load	fuel load	fuel load		
Total		900	900	900	900		
AP1000		~900 ITAAC					

52.99[c][2]	V1	V2	S3	S4		
	2014	6	6	6	6	
	2015	6	6	6	6	<b>reports/yr</b>
	2016	6	6	6	6	4 respondents
	2017					
	2018					
NRC ESTIMATES SIX REPORTS PER LICENSEE PER YEAR OF CONSTRUCTION						

52.99 [c][3]	Vogtle 3 only potential schedule lag to miss fuel load	1/3=0.333
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52.99 [c][4]	Vogtle 3 only plant scheduled for 103(g)	1/3=0.333
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1000  
250 per year

24  
6 per year