

**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

<b>Licensee</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>			
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			
<b>Model</b>	<b>Year A</b>	<b>Year A+1</b>	<b>Year A+2</b>	<b>Year Z-1</b>	<b>Year Z</b>	<b>Year Z+1</b>
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>	Start Date	assumed 4 year construction end
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
	2017 fuel load		200	200	200
	2018	fuel load	fuel load	fuel load	fuel load
Total		900	900	900	900
AP1000		~900 ITAAC			

**reports/yr**  
4 respondents

52.99[c][2]	V1	V2	S3	S4	
	2014	6	6	6	6
	2015	6	6	6	6
	2016	6	6	6	6
	2017				
	2018				

**reports/yr**  
4 respondents

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