

Supporting Statement Section	ANNUAL REPORTING REQUIREMENTS (Recurring Information Collection Requirements)							
	Rule Section	Description	Number of Respondents	Responses per Respondent	Total Number of Responses	Burden per Response	Total Annual Burden Hours	Total Cost @ \$263/Hour
	50.33	Early Site Permit applications	0	0	0	360	0	\$0
	50.33	Non-Power Operating License application	0	0	0	2,700	0	\$0
	50.33	Standard Design Certification application	0	0	0	450	0	\$0
	50.33	Combined OL application	0.7	1	1	2,700	1,800	\$473,400
	50.33(f)	Financial qualification information (at the time of initial application or additional information as requested by the Commission)	1.7	1	1.7	3,580	5,967	\$1,569,233
	50.54(bb)	Decommissioned plants submit program for managing and funding irradiated fuel following permanent cessation of operation of the reactor	0	0	0	250	0	\$0
	50.59(c), 50.90, 50.91(a), (b)	License Amendments	153	6	918	313	287,334	\$75,568,842
	50.74	Notification within 30 days of a change in status of a licensed reactor operator or senior operator.	205	1	205	1	205	\$53,915
	50.80(b)	License Transfers	8	1	8	540	4,320	\$1,136,160
	50.36, 50.36A, 50.36B & Appendix I	Technical Specifications	165	5	825	168	138,600	\$36,451,800
	50.34(c) & (d) & 50.54(p)	Physical security and safeguards contingency plans (operating power reactors)	57	1	57	29	1,653	\$434,739
	50.34(c) & (d) & 50.54(p)	Physical security and safeguards contingency plans (decommissioned/shutdown power reactors)	14	0	5	29	145	\$38,135
	50.34(c) & (d) & 50.54(p)	Physical security and safeguards contingency plans (nonpower reactors)	5	1	14	29	406	\$106,778
	50.35(b)	Periodic reports of the progress and results of research and development programs designed to resolve safety questions	0	0	0	100	0	\$0
	50.54(w)(3)	Annual report on the source of property and damage insurance	118	1	118	4	472	\$124,136
	10 CFR 50.54(w)(4)	Cleanup plan outlining the steps and costs needed to complete decontamination and cleanup following an accident	0	0	0	2,000	0	\$0

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3	50.33(k)	Contents of applications	1	1	1	200	200	\$52,600
	50.75	Decommissioning planning	99	1	99	5	495	\$130,185
	50.82	Termination of license	5	1	5	680	3,400	\$894,200
4								
	50.71(b)& Appendix C	Annual financial reporting	125	1	125	1	113	\$29,588
	50.76	Submission of financial qualifications information within 75 days prior to ceasing to be an electric utility	0	0	0	33	0	\$0
	50.71(e)	Updated FSAR (operating reactors)	62	1	62	900	55,800	\$14,675,400
	50.71(e)	Updated FSAR (power reactors that have ceased operating)	12	1	12	225	2,700	\$710,100
	50.72 & 50.54(z)	Notification of Events	94	5	500	1	675	\$177,525
	10 CFR Part 50, Appendix E, Paragraph E.9.d	Daily testing of the ENS system by the HOO, submission of voluntary reactor status and grid information	94	365	34,310	0	2,848	\$748,953
	Appendix E, VI.1 Periodic Testing	Quarterly testing of Emergency Response Data System	94	4	376	2	677	\$177,998
	50.72(a) & 50.73	Emergency Response Data System reports	7	2	16	12	192	\$50,496
	50.70	Team Inspections	68	1	68	133	9,044	\$2,378,572
	50.69(g)	Submission of event report to submit a licensee event report for any event or condition that would have prevented RISC-1 and RISC-2 structures, systems, and components from performing a safety-significant function	10	1	10	600	6,000	\$1,578,000

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5	50.54(cc)	Bankruptcy Notifications	0	0	0	1	0	\$0
	50.55(e)	48 hour notification (Design and Construction Deficiencies)	5	1	5	10	50	\$13,150
	50.55(e)	30-day reports (Design and Construction Deficiencies)	5	1	5	70	350	\$92,050
	50.55(f), Appendices A & B	Quality Assurance reports (operating reactors)	94	1	94	160	15,040	\$3,955,520
	50.55(f), Appendices A & B	Quality Assurance reports (reactors under construction)	4	1	4	160	640	\$168,320
	50.55(f), Appendices A & B	Quality Assurance reports (Part 52 applicants)	2	1	2	667	1,333	\$350,667
	50.55a(z)	Alternatives submitted by power reactors	94	3	282	380	107,160	\$28,183,080
	50.55a(z)	Alternatives submitted by COLs	4	2	8	380	3,040	\$799,520
	50.55a(z)	Alternatives submitted for I&C	1	1	1	380	380	\$99,940
	50.55a(f)(5) and (g)(5)	Relief requests	94	4	376	380	142,880	\$37,577,440
	50.55a	Codes and Standards	94	2	188	58	10,942	\$2,877,641
	50.59(c) and d	Power reactors - Reports changes in the facility, of changes in procedures, and of tests and experiments and to submit a report containing a brief description of any changes, tests, and experiments, including a summary of the evaluation of each (Final Safety Analysis Report [FSAR] update)	118	1	118	380	44,840	\$11,792,920
	50.59(c) and d Appendices G & H, 50.60	Non-power reactors - Reports changes in the facility, of changes in procedures, and of tests and experiments and to submit a report containing a brief description of any changes, tests, and experiments, including a summary of the evaluation of each (Final Safety Analysis Report [FSAR] update)	35	1	35	120	4,200	\$1,104,600
	50.61	Fracture Toughness	33	1	33	102	3,366	\$885,258
	50.64(c)(1)	Pressurized Thermal Shock Unique purpose application for highly enriched uranium	4	1	4	24	96	\$25,248
	50.64(c)(2)(i)	Highly enriched uranium - updated documentation	2	1	2	10	20	\$5,260
	50.64(c)(2)(ii)	Highly enriched uranium - updated documentation	4	1	4	10	40	\$10,520
	50.64(c)(2)(iii)	Highly enriched uranium, safety analyses	4	1	4	10	40	\$10,520
	50.66	Thermal Annealing	3	1	3	333	1,000	\$263,000
				0	0	6,400	0	
6	50.12	Exemptions	30	1	30	360	10,800	\$2,840,400

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	50.44(c)	Hydrogen Control Requirements	0	0	0	203	0	\$0
	50.46(a)(3)(ii)	Annual report of changes to change evaluation model	94	1	94	20	1,880	\$494,440
	50.46(a)(3)(ii)	30-day report of significant change or error to evaluation model	47	1	47	20	940	\$247,220
	50.46, Appendix K	Realistic evaluation model submittal	1	1	1	2,500	2,500	\$657,500
	50.46, Appendix K	Modified evaluation model submittal	1	1	1	1,750	1,050	\$276,150
	50.46, Appendix K	Schedule for completing actions associated with 10 CFR 50 Appendix K and 10 CFR 50.46(b)	2	1	2	16	25	\$6,575
	Appendix K, 50.46	ECCS	94	2	141	40	5,640	\$1,483,320
	50.47, 50.54(q & t), Appendix E	Emergency plans (operating power reactors)	57	25	1,425	81	115,425	\$30,356,775
	50.54(q)(4)	Submission of proposed changes that would reduce the effective of approved emergency plans (operating power reactors)	12	1	12	40	480	\$126,240
	App. E.IV.F.2.a.b	Participation Exercise – exercise scenario submission	29	1	29	40	1,140	\$299,820
	50.47, 50.54(q & t), Appendix E	Emergency plans (operating non-power reactors)	31	10	310	2	620	\$163,060
	50.47, 50.54(q & t), Appendix E	Emergency plans (power reactor sites being decommissioned)	24	15	360	34	12,240	\$3,219,120
	50.47, 50.54(q & t), Appendix E	Emergency plans (non-power reactors being decommissioned and possession only)	4	5	20	1	20	\$5,260
	50.47, 50.54(q & t), Appendix E	Emergency Planning	116	18	2,088	60	125,280	\$32,948,640
	Appendix S and 50.54(ff)	Earthquake Engineering Criteria, applicants	0	1	0	155,000	0	\$0

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	Appendix S and 50.54(ff)	Earthquake Engineering Criteria, Operating Reactors	10	1	10	900	9,000	\$2,367,000
Total			1,169		43,473		1,145,502	\$301,266,929

ANNUAL RECORDKEEPING REQUIREMENTS

Supporting Statement Section	Section	Description	Number of Recordkeepers	Hours per Recordkeeper	Total Annual Burden Hours	Annual Cost @ \$263/hr
2	50.33	Early Site Permits (records)	-	40.0	-	\$ -
	50.33	Non-Power Operating License (records)	-	300.0	-	\$ -
	50.33	Standard Design Certification (records)	-	50.0	-	\$ -
	50.33	Combined OL (records)	-	300.0	-	\$ -
	50.59(c), 50.90, 50.91(a), (b)	Records License Amendments	153.0	192.0	29,376.0	\$ 7,725,888
	50.74	Records of change in status of a licensed reactor operator or senior operator	205.0	0.1	20.5	\$ 5,392
	50.80(b)	License Transfers	8.0	60.0	480.0	\$ 126,240
	50.36, 50.36A, 50.36B & Appendix I	Technical Specifications (Operating power reactor)	94.0	2,080.0	195,520.0	\$ 51,421,760
	50.36, 50.36A, 50.36B & Appendix I	Technical Specifications (operating RTR)	31.0	80.0	2,480.0	\$ 652,240
	50.36, 50.36A, 50.36B & Appendix I	Technical Specifications (shutdown power reactor)	14.0	208.0	2,912.0	\$ 765,856
3	50.36, 50.36A, 50.36B & Appendix I	Technical Specifications (shutdown RTR)	4.0	8.0	32.0	\$ 8,416
	50.75	Decommissioning planning	130.0	73.0	9,490.0	\$ 2,495,870
4	50.71(b) & Appendix C	Financial records	125.0	0.1	12.5	\$ 3,288
	50.71(e)	Records for updated FSAR (operating reactors)	62.0	100.0	6,200.0	\$ 1,630,600
	50.71(e)	Records for updated FSAR (power reactors that have ceased operating)	12.0	25.0	300.0	\$ 78,900
	50.72 & 50.54(z)	Notification of Events	94.0	0.8	75.2	\$ 19,778
	Appendix E, VI.1 Periodic Testing	Quarterly testing of Emergency Response Data System	94.0	0.2	18.8	\$ 4,944
	50.72(a) & 50.73	Emergency Data Response System	94.0	0.8	75.2	\$ 19,778
	50.69	Maintain processes to control the inspection, testing, and corrective actions for structures, systems, and components, other SSC records	10.0	1,150.0	11,500.0	\$ 3,024,500
	50.69 (one-time implementation requirements)	After approval of application, perform evaluations of the significance of SSC functions (implementation for the alternative requirements of 10 CFR 50.69 - voluntary)	10.0	920.0	9,200.0	\$ 2,419,600

ANNUAL RECORDKEEPING REQUIREMENTS

Supporting Statement Section	Section	Description	Number of Recordkeepers	Hours per Recordkeeper	Total Annual Burden Hours	Annual Cost @ \$263/hr
5	50.54(hh)(1)	Procedures for aircraft threat	57.0	40.0	2,280.0	\$ 599,640
	50.55(e)	Retention of evaluations, 50.55(e)(9)(ii) (Design and Construction Deficiencies)	25.0	2.0	50.0	\$ 13,150
	50.55(f), Appendices A & B	Quality Assurance records (operating reactors, 4 reactors under construction, 1 ESP, 1 COL)	100.0	10,000.0	1,000,000.0	\$ 263,000,000
	50.55(f), Appendices A & B	Quality Assurance records (shutdown reactors)	20.0	2,500.0	50,000.0	\$ 13,150,000
	50.55a	Records related to Codes and Standards	98.0	2,310.0	226,380.0	\$ 59,537,940
		Power reactors - Records of changes in the facility, of changes in procedures, and of tests and experiments and to submit a report containing a brief description of any changes, tests, and experiments, including a summary of the evaluation of each (Final Safety Analysis Report [FSAR] update)				
	50.59(c) and d		118.0	1,520.0	179,360.0	\$ 47,171,680
		Non-power reactors - Records of changes in the facility, of changes in procedures, and of tests and experiments and to submit a report containing a brief description of any changes, tests, and experiments, including a summary of the evaluation of each (Final Safety Analysis Report [FSAR] update)				
	50.59(c) and d		35.0	480.0	16,800.0	\$ 4,418,400
	Appendices G & H, 50.60	Fracture Toughness	33.0	11.3	374.0	\$ 98,362
6	50.61	Pressurized Thermal Shock	4.0	216.0	864.0	\$ 227,232
	50.65	Maintenance program records for operating plants	94.0	4,315.0	405,610.0	\$ 106,675,430
	50.65	Maintenance program records for shutdown plants	20.0	128.0	2,560.0	\$ 673,280
	50.12	Exemptions	30.0	40.0	1,200.0	\$ 315,600

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7	50.44(c)	Hydrogen Control Requirements	94.0	1.0	94.0	\$ 24,722
	50.47, 50.54(q & t), Appendix E	Emergency Planning Records for Operating Power Reactors	114.0	1,090.0	124,260.0	\$ 32,680,380
	50.47, 50.54(q & t), Appendix E	Emergency Planning Records for Operating Non-Power Reactors	31.0	589.0	18,259.0	\$ 4,802,117
	50.47, 50.54(q & t), Appendix E	Emergency Planning Records for Power Reactor Sites Being Decommissioned	24.0	256.0	6,144.0	\$ 1,615,872
	50.47, 50.54(q & t), Appendix E	Emergency Planning Records for Non-Power Reactors Being Decommissioned and Possession Only	4.0	4.0	16.0	\$ 4,208
	50.48(c)	One-time transition of records for fire protection to NFPA 805	2.0	640.0	1,280.0	\$ 336,640
	50.48, Appendix R	Fire Protection plan records	118.0	84.0	9,912.0	\$ 2,606,856
	50.49(a),(d),(f)	One-time environmental qualification (program establishment, qualification of equipment), annualized	4.0	793.3	3,173.2	\$ 834,552
	50.49(d),(f),(j)	Environmental Qualification	94.0	2,080.0	195,520.0	\$ 51,421,760
	50.120(b)	Training & Qualification Records for Operating Reactors	57.0	780.0	44,460.0	\$ 11,692,980
	50.120(b)	Training & Qualification Records for Applicants	-	1,440.0	-	\$ -
	Appendix J	Development and Ongoing Analyses & Maintenance of Performance Based Leakage Testing Program	94.0	60.0	5,640.0	\$ 1,483,320
	Appendix S and 50.54(ff)	Earthquake Engineering Criteria	10.0	100.0	1,000.0	\$ 263,000
	Appendix S IV(a)(3)	Plant inspection and documentation of inspection following seismic event	-	320.0	-	\$ -
	Total				2,562,928	\$ 674,050,169

ANNUAL 3rd PARTY DISCLOSURES
(Recurring Information Collection Requirements)

Supporting Statement Section	Section	Description	Number of Respondents	Responses per Respondent	Total Number of Responses	Burden per Response	Total Annual Burden Hours	Cost @ \$263/Hour	(Notes)
5	50.55a	Submission to ASME of Owner's certificate, AIA agreement (III/NCA-3230)	1.0	1.0	1.0	100.0	100.0	\$ 26,300	
TOTAL					1.0		100.0	\$ 26,300	

Total Burden and Responses Section 2		
	Hours	Responses
Reporting	440,902	2,152
Recordkeeping	230820.5	153
Third Party Disclosure	0	0
TOTAL	671722.2	2305.3
Item #13, Other Costs Section 2		
Recordkeeping	\$ 24,282	
TOTAL	\$ 24,282	
Item #14, Costs to the Federal Government, Section 2		
	Hours	Cost @ \$263/hr
Staff time	100953	\$ 26,550,639

Total Burden and Responses Section 3		
	Hours	Responses
Reporting	4,095	105
Recordkeeping	9,490	130
TOTAL	13,585	235
Item #13, Other Costs Section 3		
Recordkeeping		\$998
TOTAL		\$998
Item #14, Costs to the Federal Government, Section 3		
	Hours	Cost @ \$263/hr
Staff time	1526	\$401,338

Total Burden and Responses Section 4		
	Hours	Responses
Reporting	78,048	35,479
Recordkeeping	27,382	125
TOTAL	105,430	35,604
Item #13, Other Costs Section 4		
Recordkeeping		\$2,881
TOTAL		\$2,881
Item #14, Costs to the Federal Government, Section 4		
	Hours	Cost @ \$263/hr
Staff time	41295	\$10,860,585

Total Burden and Responses Section 5		
	Hours	Responses
Reporting	335,417	1,168
Recordkeeping	1,884,278	153
Third Party Disclosure	100	1
TOTAL	2,219,795	1,322
Item #13, Other Costs Section 5		
Recordkeeping		\$198,226
TOTAL		\$198,226
Item #14, Costs to the Federal Government, Section 5		
	Hours	Cost @ \$263/hr
Staff time	82,255	\$21,633,065

Total Burden and Responses Section 6		
	Hours	Responses
Reporting	10,800	30
Recordkeeping	1,200	30
TOTAL	12,000	60
Item #13, Other Costs Section 6		
Recordkeeping	\$126	
TOTAL	\$126	
Item #14, Costs to the Federal Government, Section 6		
	Hours	Cost @ \$263/hr
Staff time	2,250	\$591,750

Total Burden and Responses Section 7		
	Hours	Responses
Reporting	276,240	4,539
Recordkeeping	409,758	173
TOTAL	685,998	4,712
Item #13, Other Costs Section 7		
Recordkeeping	\$43,107	
TOTAL	\$43,107	
Item #14, Costs to the Federal Government, Section 7		
	Hours	Cost @ \$263/hr
Staff time	20,275	\$5,332,325

	HOURS	RESPONSES
2018	3,708,530	43,623
Previous	4,355,554	45,016
Delta	-647,024	-1,393

Item #13, Other Costs Section	
Section	Costs
2	\$24,279
3	\$998
4	\$2,881
5	\$198,226
6	\$126
7	\$43,107
Total	\$269,617

Item #14, Costs to the Federal Government,		
Section	Staff Time Hours	Cost @ \$263/hr
2	100,953	\$26,550,639
3	1,526	\$401,338
4	41,295	\$10,860,585
5	82,255	\$21,633,065
6	2,250	\$591,750
7	20,275	\$5,332,325
Total	248,554	\$65,369,702

Burden Hours				
Section	Reporting	Recordkeeping	3rd Party	Cost
2	440,902	230,821		\$176,662,930
3	4,095	9,490		\$3,572,855
4	78,048	27,382		\$27,728,019
5	335,417	1,884,278	100	\$583,806,067
6	10,800	1,200		\$3,156,000
7	276,240	409,758		\$180,417,527
Total	1,145,502	2,562,928	100	\$975,343,398
Previous total	1,622,930	2,732,625		\$1,145,510,755
Deltas	-477,428	-169,696	100	-\$170,167,357

Section	Reporting	Recordkeeping	3rd Party	TOTAL
2	2,152			
3	105			
4	35,479			
5	1,168		1	
6	30			
7	4,539			
2018 TOTAL	43,473	149	1	43,623
Previous total	44,865	151		45,016
Deltas	-1,392	-2	1	-1,393