UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

APR 0 9 1991

MEMORANDUM FOR: Donald H. Lanham, Chief
Docketing and Document Control Desk Section
IRM/DCB

FROM: C. James Holloway, Jr., Assistant for
Fee Policy and Rules, OC

SUBJECT: FEE WORKPAPERS FOR 10 CFR PARTS 170 AND 171
PROPOSED RULE

Enclosed are two sets of the workpapers in support of the Notice of Proposed Rulemaking scheduled for publication in the Federal Register in the next few days. Please advance one set of the workpapers to the Public Document Room immediately and ask the PDR staff to time-stamp them upon receipt and put them on display for immediate perusal. The other set is for processing through the NUDOCS system. In this way, the PDR gets an advanced copy and an additional copy through normal processing.

Thank you for your assistance in this matter.

C. James Holloway, Jr.
Assistant for Fee Policy
and Rules, OC

Enclosures: As stated

9104090209 910409
PDR PR
170 MISC PDR

DF03
1/1

NRC Budgeted Costs (FY 1991)

Part 171 Annual Fees

- Reactor Annual Fees
- Determination of Reactor Fees
- Surcharge -- Power Reactors
- Power Reactors By Type
- Nonpower Reactor Fees
- Fuel Facilities Fees
- Surcharge-Fuel Facilities
- Uranium Recovery Fees
- Spent Fuel Storage Fees
- Transportation Fees
- Materials Annual Fees
- Surcharge-Materials Licenses

Part 170 Fees

- Licensing and inspection fees
- Export and import fees

Hourly Rate

FTEs by Mission Area

Estimated Collections

Budget Authority (FY 1991)

- Reactor Safety and Safeguards Regulation (RSSR)
- Nuclear Safety Research (NSR)
- Nuclear Material and Low Level Waste Safety and Safeguards (NMLWSSR)
- Special and Independent Reviews, Investigations and Enforcement (SIRIE)
- Nuclear Safety Management and Support (NSMS)

Public Law 101-508

Part 171 Annual Fees

FY 1991
($ in Millions)

$465.0	NRC Budget Authority
x 100%	Recovery Rate
$465.0	To Be Recovered
-19.7	Appropriated from Nuclear Waste Fund
$445.3	Amount to be recovered through fees
-79.5	Estimated amount to be recovered through Part 170 licensing and inspection fees
$365.8	Estimated amount to be recovered through Part 171 annual fees

NRC Form 8–C
(4-79)
NRCM 0240

COVER SHEET FOR CORRESPONDENCE

Use this Cover Sheet to Protect Originals of Multi-Page Correspondence

BASE ANNUAL FEES FOR OPERATING POWER REACTORS

Reactors		Containment Type	Annual Fee
Westinghouse:			
1.	Beaver Valley 1	PWR Large Dry Containment	$2,625,000
2.	Beaver Valley 2	" "	2,626,000
3.	Braidwood 1	" "	2,626,000
4.	Braidwood 2	" "	2,626,000
5.	Byron 1	" "	2,626,000
6.	Bryon 2	" "	2,626,000
7.	Callaway 1	" "	2,626,000
8.	Comanche Peak 1	" "	2,626,000
9.	Diablo Canyon 1	" "	2,612,000
10.	Diablo Canyon 2	" "	2,612,000
11.	Farley 1	" "	2,626,000
12.	Farley 2	" "	2,626,000
13.	Ginna	" "	2,626,000
14.	Haddam Neck	" "	2,626,000
15.	Harris 1	" "	2,626,000
16.	Indian Point 2	" "	2,626,000
17.	Indian Point 3	" "	2,626,000
18.	Kewaunee	" "	2,626,000
19.	Millstone 3	" "	2,626,000

20.	North Anna 1	"	"	2,626,000
21.	North Anna 2	"	"	2,626,000
22.	Point Beach 1	"	"	2,626,000
23.	Point Beach 2	"	"	2,626,000
24.	Prairie Island 1	"	"	2,626,000
25.	Prairie Island 2	"	"	2,626,000
26.	Robinson 2	"	"	2,626,000
27.	Salem 1	"	"	2,626,000
28.	Salem 2	"	"	2,626,000
29.	San Onofre 1	"	"	2,612,000
30.	Seabrook 1	"	"	2,626,000
31.	South Texas 1	"	"	2,626,000
32.	South Texas 2	"	"	2,626,000
33.	Summer 1	"	"	2,626,000
34.	Surry 1	"	"	2,626,000
35.	Surry 2	"	"	2,626,000
36.	Trojan	"	"	2,612,000
37.	Turkey Point 3	"	"	2,626,000
38.	Turkey Point 4	"	"	2,626,000
39.	Vogtle 1	"	"	2,626,000
40.	Vogtle 2	"	"	2,626,000
41.	Wolf Creek 1	"	"	2,626,000
42.	Zion 1	"	"	2,626,000
43.	Zion 2	"	"	2,626,000
44.	Catawba 1	PWR -- Ice Condenser		2,611,000
45.	Catawba 2	"	"	2,611,000

46. Cook 1	"	"	2,611,000
47. Cook 2	"	"	2,611,000
48. McGuire 1	"	"	2,611,000
49. McGuire 2	"	"	2,611,000
50. Sequoyah 1	"	"	2,611,000
51. Sequoyah 2	"	"	

Combustion Engineering:

1. Arkansas 2	PWR Large Dry Containment		$2,611,000
2. Calvert Cliffs 1	"	"	2,611,000
3. Calvert Cliffs 2	"	"	2,611,000
4. Ft. Calhoun 1	"	"	2,611,000
5. Maine Yankee	"	"	2,611,000
6. Millstone 2	"	"	2,611,000
7. Palisades	"	"	2,597,000
8. Palo Verde 1	"	"	2,597,000
9. Palo Verde 2	"	"	2,597,000
10. Palo Verde 3	"	"	2,597,000
11. San Onofre 2	"	"	2,597,000
12. San Onofre 3	"	"	2,611,000
13. St. Lucie 1	"	"	2,611,000
14. St. Lucie 2	"	"	2,611,000
15. Waterford 3	"	"	

Babcock & Wilcox:

1. Arkansas 1	"	"	2,611,000

46.	Cook 1	"	"	2,611,000
47.	Cook 2	"	"	2,611,000
48.	McGuire 1	"	"	2,611,000
49.	McGuire 2	"	"	2,611,000
50.	Sequoyah 1	"	"	2,611,000
51.	Sequoyah 2	"	"	2,611,000

Combustion Engineering:

1.	Arkansas 2	PWR	Large Dry Containment	$2,611,000
2.	Calvert Cliffs 1	"	"	2,611,000
3.	Calvert Cliffs 2	"	"	2,611,000
4.	Ft. Calhoun 1	"	"	2,611,000
5.	Maine Yankee	"	"	2,611,000
6.	Millstone 2	"	"	2,611,000
7.	Pallisades	"	"	2,611,000
8.	Palo Verde 1	"	"	2,597,000
9.	Palo Verde 2	"	"	2,597,000
10.	Palo Verde 3	"	"	2,597,000
11.	San Onofre 2	"	"	2,597,000
12.	San Onofre 3	"	"	2,597,000
13.	St. Lucie 1	"	"	2,611,000
14.	St. Lucie 2	"	"	2,611,000
15.	Waterford 3	"	"	2,611,000

Babcock & Wilcox:

1.	Arkansas 1	"	"	2,611,000

2.	Crystal River 3	"	"	2,611,000
3.	Davis Besse 1	"	"	2,611,000
4.	Oconee 1	"	"	2,611,000
5.	Oconee 2	"	"	2,611,000
6.	Oconee 3	"	"	2,611,000
7.	Rancho Seco	"	"	2,597,000
8.	Three Mile Island 1	"	"	2,611,000

General Electric

1.	Browns Ferry 1	Mark I		2,600,000
2.	Browns Ferry 2	"	"	2,600,000
3.	Browns Ferry 3	"	"	2,600,000
4.	Brunswick 1	"	"	2,600,000
5.	Brunswick 2	"	"	2,600,000
6.	Clinton 1	Mark III		2,825,000
7.	Cooper	Mark I		2,600,000
8.	Dresden 2	"	"	2,600,000
9.	Dresden 3	"	"	2,600,000
10.	Duane Arnold	"	"	2,600,000
11.	Fermi 2	"	"	2,600,000
12.	Fitzpatrick	"	"	2,600,000
13.	Grand Gulf 1	Mark III		2,825,000
14.	Hatch 1	Mark I		2,600,000
15.	Hatch 2	"	"	2,600,000
16.	Hope Creek 1	"	"	2,600,000
17.	LaSalle 1	Mark II		2,614,000

18.	LaSalle 2	" "	2,614,000
19.	Limerick 1	" "	2,614,000
20.	Limerick 2	" "	2,614,000
21.	Millstone 1	Mark I	2,600,000
22.	Monticello	" "	2,600,000
23.	Nine Mile Point 1	" "	2,600,000
24.	Nine Mile Point 2	Mark II	2,614,000
25.	Oyster Creek	Mark I	2,600,000
26.	Peach Bottom 2	" "	2,600,000
27.	Peach Bottom 3	" "	2,600,000
28.	Perry 1	Mark III	2,825,000
29.	Pilgrim	Mark I	2,600,000
30.	Quad Cities 1	" "	2,600,000
31.	Quad Cities 2	" "	2,600,000
32.	River Bend 1	Mark III	2,825,000
33.	Shoreham	Mark II	2,614,000
34.	Susquehanna 1	" "	2,614,000
35.	Susquehanna 2	" "	2,614,000
36.	Vermont Yankee	Mark I	2,600,000
37.	Washington Nuclear 2	Mark II	2,600,000

Other Reactors:

1.	Three Mile Island 2	B&W PWR-Dry Contain.	$2,611,000
2.	Big Rock Point	GE Dry Containment	2,600,000
3.	Yankee Rowe	Westinghouse PWR Dry Containment	2,626,000
4.	Ft. St. Vrain	High Temperature Gas Cooled	2,116,000

The "Other Reactors" listed above have not been included in the fee base because historically they have been granted either full or partial exemptions from the annual fees. The Commission proposes to grant similar partial exemptions in FY 1991 for the three smaller, older reactors, and grant a full exemption for TMI-2, since the authority to operate TMI-2 was revoked in 1979.

DETERMINATION OF REACTOR ANNUAL FEES

SUMMARY
PART 171 COSTS
POWER REACTORS
FY 1991
($000)

Costs-All Power Reactors	$27,734
PWRs only	1,186
BWRs only	1,221
PWR only (NSSS)	5,793
Westinghouse PWR Large Dry Containment	651
Westinghouse Ice Condensers	0
B&W Large Dry Containment	0
CE Large Dry Containment	0
BWR only (NSSS)	1,851
GE Mark I	0
GE Mark II	130
GE Mark II & III	0
GE Mark III	901
Seismic - East of Rockies	1,435
TOTAL COSTS	$290,902

Allocation of FY 1991 Budget Authority

to Power Reactor Fee Base

Summary -- Costs for All Power Reactors

($000)

Mission Area	Total Costs	Reactors	Base Fee Per Reactor
RSSR	$156,243	111	$1,407.6
SIRIE	21,462	111	193.4
NMLWSSR	3,041	111	27.4
NSR (All Reactors)	50,070	111	451.1
NSR (PWR's and BWR's)	42,859	111	386.1
NSR (Seismic all Plants)	4,059	111	36.6
Subtotal NSR	$96,988		$873.8
TOTAL	$277,734		$2,502.2

ALLOCATION OF FY 1991 BUDGET AUTHORITY FOR ADDITIONAL CHARGES BY NUCLEAR STEAM SUPPLY SYSTEM VENDOR AND CONTAINMENT TYPE -- NSR ONLY
($000)

PRESSURIZED WATER REACTORS	PTS $	FTE $
PWRs ONLY (74)	$865	$321
		$1,186
		74 = $16.0 per reactor
NSSS PWRs ONLY (74)	$4,266	$1,527
		$5,793
		74 = $78.3 per reactor
NSSS ALL PWRs LARGE DRY CONTAINMENT (66)	0	0
NSSS WESTINGHOUSE PWR LDC (43)	$470	$181
		$651
		43 = $15.1 per reactor
NSSS WESTINGHOUSE PWR ICE CONDENSER (8)	0	0
NSSS B&W PWR LDC (8)	0	0
NSSS CE PWR LDC (15)	0	0
BOILING WATER REACTORS		
BWRs ONLY (37)	$900	$321
		$1,221
		37 = $33.0 per reactor
NSSS ALL BWRs (37)	$1,550	$301
		$1,851
		37 = $50.0 per reactor

NSSS BWR GE MARK I (24)	0	0
NSSS BWR GE MARK II (9)	90	40
	$130	
	9 = $14.4 per reactor	
NSSS BWR GE MARK II & III (13)	0	0
NSSS BWR GE MARK III	$640	$261
	$901	
	4 = $225.3 per reactor	
SEISMIC EAST OF ROCKIES	$1,194	$241
	$1,435	
	100 = $14.4 per reactor	
Total Additional Charges	$9,975	$3,193
	$13,168	

RSSR

ALLOCATION OF FY 1991 BUDGET AUTHORITY
TO POWER REACTOR FEE BASE -- DETAIL
($000)

REACTOR SAFETY AND SAFEGUARDS REGULATION (RSSR)

	WORK FOR ALL POWER REACTORS	FY 91 PTS $	FTE
1.	Power Reactor Applications and Inspections	$1,400	15.9
2.	Review of Standardized Reactor Design Applications	200	12.2
3.	Other reviews -- power reactor decommissioning	--	1.2
4.	Reactor License Renewal	1,408	14.7
5.	Reactor Performance Evaluation	718	33.6
6.	Evaluation of Licensee Performance and Maintenance	700	33.7
7.	Reactor Accident Management Evaluation	1,000	11.3
8.	Human Performance Evaluation	650	3.2
9.	Lic/Exam of Reactor Operators	6,010	48.8
10.	Resident inspections	--	190.7
11.	Region-based inspections	,708	274.3
12.	Specialized inspec	3,117	65.6
13.	Project Management	--	133.4
14.	Safety Evaluation of Licensing Actions	9,191	127.7
15.	Regulatory Improvements	335	17.8
	Total RSSR	$30,437	984.1

FTE = 984.1 x $200.9 = $197,706
PTS = 30,437

Total $228,143
Less Part 170 Fees -71,900

$156,243 = $1,407.6 per reactor
111 reactors

SIRIE

Allocation of FY 1991 Budget Authority
to Power Reactor Fee Base -- Detail
($000)

Special and Independent Reviews,
Investigation and Enforcement (SIRIE)

	WORK FOR ALL POWER REACTORS	FY 91 PTS $	FY 91 FTE
1.	Diagnostic Evaluations	$350	7.0
2.	Incident Investigations	50	3.0
3.	NRC Incident Response	2,200	27.0
4.	Operational Data Analysis	1,873	23.0
5.	Performance Indicators	980	4.0
6.	Operational Data Collection and Dissemination	2,147	5.0
	TOTAL SIRIE	$7,600	69.0

FTE = 69.0 x $200.9 = $13,862
PTS = 7,600

Total SIRIE All Reactors = $21,462 = $193.4 per reactor
111 reactors

NMLWSSR

Allocation of FY 1991 Budget Authority
to Power Reactor Fee Base -- Detail
($000)

Nuclear Material and Low Level Waste Safety and Safeguards Regulation (NMLWSSR)	FY 91 PTS $	FTE
Work for all Power Reactors		
1. Threat/Event Assessment/ International Safeguards	430	8.3
2. Decommissioning	100	4.2
TOTAL NMLWSSR	$530	12.5

FTE = 12.5 X $200.9 = $2,511
PTS = 530
TOTAL NMLWSSR $3,041 = $27.4 per reactor
ALL REACTORS 111 reactors

NSR

Allocation of FY 1991 Budget Authority
to Power Reactor Fee Base -- Detail
($000)

Nuclear Safety Research (NSR)

		FY 91 PTS $	FY 91 FTE
A.	Generic Effort - All Power Reactors		
1.	Aging of Reactor Components -- Aging Research	$6,369	4.1
2.	Engineering Standards Support	650	2.7
3.	Seismic and Structural Research		
a.	Seismic Applications	100	.2
b.	Plant Response to Ground Motion	197	.5
c.	Structural Integrity	1,000	.3
4.	Plant Performance - Experiments	150	.2
5.	Human Factors		
a.	Personnel Performance Measurement	1,900	1.5
b.	The Personnel Subsystem	400	1.1
c.	Human Systems Interface	1,965	1.2
d.	Organization & Management	1,100	1.3
6.	Reliability Assessment		
a.	Data Acquisition	390	.8
b.	Data Management Systems	440	1.0
c.	HRA/RPA Integration	900	1.0
d.	HRA/PRA Results Application	520	.8
7.	Reactor Accident Risk Analysis		
a.	Review of Licensee/Applicant PRAs	150	.5
b.	Risk Model Development, QA, Maintenance	885	2.1

	c. Risk Model Applications	1,725	2.0
8.	Core Melt Progression and H_2 Generation	27	.1
9.	Reactor Containment - Core Concrete Interaction	241	.1
10.	Reactor Containment Integrity - Structural Tests	1,700	1.9
11.	Generic and Unresolved Safety Issues		
	a. Engineering Issues	685	8.7
	b. Reactor Systems Issues	345	3.6
	c. Human Factors Issues	800	1.0
	d. Severe Accident Issues	200	1.0
	e. Management of Safety Issue Resolution	400	5.5
12.	Standardized and Advanced Reactors		
	a. Review Advanced Reactor Concepts	1,325	3.5
	b. Licensing Criteria	500	2.0
	c. Plant Standardization	--	.5
13.	Safeguards	50	.5
14.	Developing and Improving Regulations		
	a. Regulation Development and Modification	600	5.0
	b. Independent Rev. and Control of Rulemaking	--	2.0
	c. Regulatory Analysis of Regulations	1,300	3.0
	d. Safety Goal Implementation	200	1.0
	e. Research Educational Grants	1,165	--
	f. Small Business Innovation Research	500	--

15.	Severe Accident Implementation		
	a. Containment Performance Improvement	150	.1
	b. Regulatory Appl. of New Source Terms	325	2.1
	c. Individual Plant Exams	1,500	5.0
	d. External Event Safety Margins	625	2.0
16.	Radiation/Protection and Health Effects		
	a. Radiation Protection issues	469	1.5
	b. Health Effects Research	712	1.5
	c. Radiation Rules & Reg. Guides	750	.8
	d. Environmental Policy and Decommissioning	1,110	3.3
	TOTAL - Generic Effort - All Reactors	$34,520	77.4

FTE = 77.4 x $200.9 = $15,550
PTS = 34,520

TOTAL $50,070 = $451.1 per reactor
111 reactors

Nuclear Safety Research (NSR)	PTS $	FTE
B. Generic Effort -- All Power Reactors Except HTGR		
1. Integrity of Reactor Components		
a. Pressure Vessel Safety	$8,283	3.5
b. Piping Integrity	2,310	.9
c. Inspection Procedures and Techniques	2,250	.9
2. Aging of Reactor Components -- Aging Research	1,122	.7
3. Engineering Standards Support	250	1.0
4. Seismic Research Applications	75	.1
5. Plant Performance		
a. Experiments	950	1.2
b. Modeling	850	1.3
6. Reactor Applications -- Operating Reactors	650	1.6
7. Human Factors -- Human Systems Interface	35	.1
8. Accident Management		
a. Guidance and implementation	650	1.0
b. Strategies	1,360	1.5
9. Reactor Risk Analysis		
a. Assessment of Plant Risks	300	.6
b. Risk Model Development, QA and Maintenance	365	.9
c. Risk Model Applications	925	1.0
10. Core Melt & Reactor Coolant System Failure		
a. Core Melt Progression & H_2 Generation	4,128	1.8

	b. Fuel Coolant Interaction	900	1.0
	c. Fission Product Behavior and Chemical Form	1,600	1.0
11.	Reactor Containment Safety		
	a. Core/Concrete Interaction	1,279	.8
	b. Hydrogen Transport & Combustion	800	1.0
	c. Integrated Codes & Applications	3,515	2.6
12.	Reactor Containment Structural Integrity -- Tests	100	.1
13.	Generic and Unresolved Safety Issues		
	a. Reactor Systems Issues	470	4.8
14.	Fuel Cycle/TRANS/Safeguards		
	a. Decommissioning	581	1.5
15.	Developing & Improving Regulations -- License Renewal Rule	1,300	4.0
16.	Severe Accident Implementation -- New Source Terms	69	.4
17.	Radiation Protection/Env. Policy/ Decommissioning	409	1.2
	Total Generic Effort All Reactors Except HTGR	$35,526	36.5

FTE = 36.5 x $200.9 = $7,333
PTS = 35,526
TOTAL $42,859 = $386.1 per reactor
111 reactors

C. Generic - PWR's Only

1.	Integrity of Reactor components -- Vessel Safety	$122	.1
2.	Plant Performance -- Modeling	250	.4
3.	Reactor Applications -- LWR System Studies	480	1.0
4.	Reactor Accident Risk Analysis -- Review PRAs	13	.1
	TOTAL PWRs only	$865	1.6

FTE = 1.6 x $200.9 = $321
PTS = 865
TOTAL $1,186 = $16.0 per reactor
74 reactors

D. Generic BWR's only

1.	Plant Performance - Modeling	$200	.3
2.	Reactor Applications		
	a. Operating Reactors	250	.6
	b. LWR System Studies	270	.5
3.	Accident Management Strategies	40	.1
4.	Reactor Containment Safety - Core Concept Interaction	140	.1
	TOTAL BWRs only	$900	1.6

FTE = 1.6 x $200.9 = $321
PTS = 900
$1,221 = $33.0 per reactor
37 reactors

E. Seismic All Plants

1. Seismic and Structural Research

a.	Earth Sciences	$1,606	1.7
b.	Seismic Research Applications	750	1.6
c.	Plant Response to Ground Motion	678	1.8
	TOTAL Seismic All Plants	$3,034	5.1

FTE = 5.1 x $200.9 = $1,025
PTS = 3,034
TOTAL 4,059 = $36.6 per reactor
111 reactors

F. Seismic -- Plants East of Rockies

1. Seismic and Structural Research

a.	Earth Sciences	$1,119	1.1
b.	Seismic Research Applications	75	.1
	TOTAL - Seismic -- Plants East of Rockies	$1,194	1.2

FTE = 1.2 x $200.9 = $241
PTS = 1,194
TOTAL 1,435 = $14.4 per reactor
100 reactors

G. Seismic -- Plants West of Rockies 0 0

H. Nuclear Steam Supply System (PWR only)

1.	Reactor Vessel and Piping Integrity		
	a. Piping Integrity	$100	.1
	b. Inspection Procedures and Techniques	174	.1
2.	Plant Performance -- Experiments	925	1.0
3.	Reactor Applications -- Operating Reactors	350	.8
4.	Accident Management -- Strategies	150	.1
5.	Reactor Accident Risk Analysis -- Review PRA's	287	1.0
6.	Reactor Containment Safety -- Direct Heating	2,000	1.0
7.	Generic and Unresolved Safety Issues		
	a. Engineering Issues	280	3.5
	TOTAL NSSS -- PWR only	$4,266	7.6

FTE = 7.6 x $200.9 = $1,527
PTS = 4,266
$5,793 = $78.3 per reactor
74 reactors

I. NSSS - PWR - LDC (Westinghouse only)

1.	Reactor Accident Risk Analysis -- Assess Plant Risks	$470	.9

FTE = .9 x $200.9 = $181
PTS = 470
TOTAL $651 = $15.1 per reactor
43 reactors

J. NSSS - (BWR only) GE

1.	Reactor Applications -- Operating Reactors	$50	.1
2.	Reliability Assessment -- HRA/PRA Results Application	150	.2
3.	Accident Management -- Strategies	300	.3
4.	Reactor Accident Risk Analysis -- Review PRA's	150	.4
5.	Core Melt Progression and H_2 Generation	300	.1
6.	Reactor Containment Safety -- Integrated Codes	600	.4
	TOTAL - NSSS - BWR only - GE	$1,550	1.5

FTE = 1.5 x 200.9 = $301
PTS = 1,550
TOTAL 1,851 = $50.0 per reactor
37 reactors

K. GE MARK II only

1. Reactor Accident Risk Analysis -- Assess Plant Risks — $90 — .2

FTE = .2 x $200.9 = $40
PTS = 90
TOTAL $130 = $14.4 per reactor
9 reactors

L. GE MARK III only

1. Reactor Accident Risk Analysis -- Assess Plant Risks — $640 — 1.3

FTE = 1.3 x $200.9 = $261
PTS = 640
TOTAL $901 = $225.3 per reactor
4 reactors

Summary
Part 171 Fees By Power Reactor Type
($000)

WITH MINOR ADJUSTMENTS FOR PLANTS WEST OF ROCKIES OR WESTINGHOUSE PLANTS WITH ICE CONDENSERS THE FOLLOWING APPLY TO PLANT/CONTAINMENT

TYPE	NUMBER	BASE FEE	SURCHARGE	TOTAL	ESTIMATED COLLECTIONS
WESTINGHOUSE (Dry Containment)	(43)	$2,626	$222	$2,848	$122,464
WESTINGHOUSE (Ice Condensers)	(8)	2,611	222	2,833	22,664
CE	(15)	2,611	222	2,833	42,495
B&W	(8)	2,611	222	2,833	22,664
GE MARK I	(24)	2,600	222	2,822	67,728
GE MARK II	(9)	2,614	222	2,836	25,524
GE MARK III	(4)	2,825	222	3,047	12,188
	111				$315,727

FEE BASIS BY VENDOR/CONTAINMENT TYPE - SUMMARY
($000)

ALL WESTINGHOUSE - DRY CONTAINMENT (43)

$2,502.2	(ALL)
94.3	(ALL PWR)
--	(ALL PWR-LDC)
15.1	(ALL WESTINGHOUSE LDC)
14.4	(EAST OF THE ROCKIES)
$2,626.0	

ALL WESTINGHOUSE - ICE CONDENSERS (8)

$2,502.2	(ALL)
94.3	(ALL PWR)
-0-	(ALL WESTINGHOUSE ICE CONDENSERS)
14.4	(EAST OF ROCKIES)
$2,610.9	

All CE's (15)*	2502.2	(ALL)
	94.3	(ALL PWR)
	--	(ALL PWR-LDC)
	--	(ALL CE)
	14.4	(EAST OF ROCKIES)
	$2610.9	
All B&Ws (8)*	2502.2	(ALL)
	94.3	(ALL PWR)
	--	(ALL PWR-LDC)
	--	(ALL B&W)
	14.4	(EAST OF ROCKIES)
	2610.9	
ALL GE MARK I's (24)	$2,502.2	(ALL)
	83.0	(ALL BWR)
	--	(MARK I)
	14.4	(EAST OF ROCKIES)
	$2,599.6	
ALL GE MARK II's (9)*	2,502.2	(ALL)
	83.0	(ALL BWR)
	14.4	(MARK II)
	--	(MARK II/III)
	14.4	(EAST OF ROCKIES)
	$2,614.0	
ALL GE MARK III's (4)	$2,502.2	(ALL)
	83.0	(ALL BWR)
	--	(MARK II/III)
	225.3	(MARK III ONLY)
	14.4	(EAST OF ROCKIES)
	$2,824.9	

FEE BASIS BY CATEGORY - SUMMARY
($000)

ALL PLANTS (111)	$2,502.2
ALL PWRs	94.3
+ PWRs with LDC	0
+ WESTINGHOUSE - LDC	15.1
+ WESTINGHOUSE - ICE CONDENSERS	--
+ ALL B&Ws	--
or	
ALL CEs	--
ALL BWRs	
+ ALL MARK I's	--
+ ALL MARK II's	14.4
+ ALL MARK III's	225.3
ALL PLANTS EAST OF ROCKIES (SEISMIC)	14.4

*All except plants west of Rockies which pay $14,400 less.

DETERMINATION OF ANNUAL FEES BY POWER REACTOR TYPE

I. Pressurized Water Reactors

A. Westinghouse Reactors (51 reactors)

1. Large Dry Containment	East of Rockies	West of Rockies
(43)	(39)	(4)
All Plants	$2,502,200	$2,502,200
All PWRs	94,300	94,300
East of Rockies	14,400	--[1]
Large Dry Containment	-0-	-0-
Westinghouse Large Dry Containment	15,100	15,100
Totals	$2,626,000	$2,611,600

2. Ice Condensers (8 reactors)

All Plants	$2,502,200
All PWRs	94,300
East of Rockies	14,400
Ice Condensers	-0-
Totals	$2,610,900

B. Combustion Engineering Reactors (15 reactors)	East of Rockies (10)	West of Rockies (5)
All Plants	$2,502,200	$2,502,200
All PWRs	94,300	94,300
All CE Plants	-0-	-0-
East of Rockies	14,400	--[2]
Large Dry Containment	-0-	-0-
Totals	$2,610,900	$2,596,500

[1] Four reactors West of Rockies - Diablo Canyon 1 and 2, San Onofre 1, Trojan

[2] Five reactors West of Rockies - Palo Verde 1, 2 and 3, San Onofre 2 and 3

C. Babcock & Wilcox Reactors (8 reactors)	East of Rockies (7)	West of Rockies (1)
All Plants	$2,502,200	$2,502,200
All PWRs	94,300	94,300
All B&W Plants	-0-	-0-
East of Rockies	14,400	--[3]
Large Dry Containment	-0-	-0-
Totals	$2,610,900	$2,596,500

II. Boiling Water Reactors (37 reactors)	East of Rockies (36)	West of Rockies (1)
A. Mark I Containment (24 reactors)		
All Plants	$2,502,200	$2,502,200
All BWRs	83,000	83,000
All Mark Is	-0-	-0-
East of Rockies	14,400	--
Totals	$2,599,600	$2,585,200
B. Mark II Containment (9 reactors)		
All Plants	$2,502,200	$2,502,200
All BWRs	83,000	83,000
All Mark IIs	14,400	14,400
All Mark IIs & IIIs	-0-	-0-
East of Rockies	14,400	--[4]
Totals	$2,614,000	$2,599,600

[3] One reactor West of Rockies - Rancho Seco

[4] One reactor West of Rockies - WNP-2

C. Mark III Containment (4 reactors)

All Plants	$2,502,200	$2,502,200
All BWRs	83,000	83,000
All Mark IIs & IIIs	-0-	-0-
All Mark IIIs only	225,300	225,300
East of Rockies	14,400	--
Totals	$2,824,900	$2,810,500

Determination of Annual Fees for "Other" Power Reactors[1]

	Other Reactors	Containment	Annual Fee
1.	TMI-2	B&W PWR Dry Containment	$2,611,000
2.	Yankee Rowe	Westinghouse PWR Dry Containment	$2,626,000
3.	Big Rock Pt.	GE Dry Containment =	$2,600,000
	All Plants	$2,502,200	
	All BWR's	83,000	
	East of Rockies	14,400	
		$2,599,600 or $2,600,000	
4.	Ft. St. Vrain		$2,116,000
	RSSR (All Plants)	$1,407,600	
	SIRIE (AEOD) (All)	193,400	
	NMLWSSR (All)	27,400	
	NSR (All)	451,100	
	NSR Seismic (All)	36,600	
		$2,116,100 or $2,116,000	

[1] These licensed reactors have not been included in the fee base since historically they have been granted either full or partial exemptions from the annual fees.

ALLOCATION OF NRC'S FY 1991 BUDGET BY MAJOR CLASS OF LICENSEE

Programs(P), Program Elements(PE) and Activities(A)	Total**		MAJOR CLASS OF LICENSEE																Costs Allocated By Policy Decisions	
			Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants			
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
REACTOR SAFETY AND SAFEGUARDS REGULATION MISSION AREA																				
Power Reactor Applications/Insp.(PE)	1400	15.9	1400	15.9																
Review of Std. Reactor Designs(PE)																				
Evolutionary Design(A)	1273	15.0																	1273	15.0
Passive Designs(A)		3.3																	0	3.3
EPRI Adv. Reactor Criteria(A)	200	11.0	200	11.0																
Advanced Non-LWR(A)																				
Section Supervision(A)		3.3		1.2																2.1
Total Program Element	1473	32.6	200	12.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1273	20.4
Rev. of Other-Than-Power Reactor(PE)																				
Review of Nonpower Reactors(A)	330	1.9			69	0.4													261	1.5
Review of DOD/DOE projects(A)	20	0.3																	20	0.3
Power Reactor Decommissioning(A)		1.1	0	1.1																
Section Supervision(A)		0.4		0.1		0.0														0.2
Total Program Element	350	3.7	0	1.2	69	0.4	0	0.0	0	0.0	0	0	0	0	0	0	0	0.0	281	2.0
Rev. of Reactor License Renewal(PE)	1408	14.7	1408	14.7																
Reactor Performance Eval.(PE)	718	33.6	718	33.6																
Eval of Lic. Perf./Maint.(PE)	700	33.7	700	33.7																
Reactor Accident Mgmt. Eval.(PE)	1000	11.3	1000	11.3																
Human Performance Eval.(PE)	650	3.2	650	3.2																
Lic./Exam. of Reactor Operators(PE)	6250	51.8	6010	48.8	50	0.6													190	2.4

ALLOCATION OF NRC'S FY 1991 BUDGET BY MAJOR CLASS OF LICENSEE

03-Apr-91

Programs(P), Program Elements(PE) and Activities(A)	Total**		MAJOR CLASS OF LICENSEE																Costs Allocated By Policy Decisions	
			Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants			
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
Resident Inspectors(PE)		190.7		190.7																
Region-Based Inspections(PE)																				
Power Reactors Insp.(A)	3913	175.7	3913	175.7																
Nonpower Reactors Insp.(A)		4.6			0	1.0														3.6
Lab/Tech. Support(A)	810	10.6	810	10.6																
Allegation Followup(A)		13.9	0	13.9																
Safeguards RERs(A)	435	6.4	435	6.4																
EP Inspections(A)		11.4	0	11.4																
EP Assessments(A)	550	1.6	550	1.6																
Safeguards Inspections(A)		21.9	0	21.9																
Section Supervision(A)		33.4	0	32.8	0	0.1												0.0		0.5
Total Program Element	5708	279.5	5708	274.3	0	1.1	0	0.0	0	0.0	0	0	0	0	0	0	0	0.0	0	4.1
Specialized Inspections(PE)	3117	65.6	3117	65.6																
Project Management(PE)		133.4		133.4																
Safety Eval. of Lic. Actions(PE)	9191	127.7	9191	127.7																
Regulatory Improvements(PE)	335	17.8	335	17.8																
RSSR MISSION AREA TOTAL	32300	1015.2	30437	984.1	119	2.2	0	0	0	0	0	0	0	0	0	0	0	0.0	1744	28.9
FEE AMOUNT ($, M)		236.2		228.1		0.6		0.0		0.0		0.0		0.0		0.0		0.0		7.5

ALLOCATION OF NRC'S FY 1991 BUDGET BY MAJOR CLASS OF LICENSEE

03-Apr-91

MAJOR CLASS OF LICENSEE

Programs(P), Program Elements(PE) and Activities(A)	Total**		Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants		Costs Allocated By Policy Decisions	
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
NUCLEAR SAFETY RESEARCH MISSION AREA																				
Integrity of Reactor Component(P)	27230	21.5	27230	21.5																
Prevent Damages to Reactor Cores(P)	21675	32.0	21675	32.0																
Reactor Containment Performance(P)	17330	12.0	17330	12.0																
Confirm the Safety of LLW Disp.(P)	3301	8.5																	3301	8.5
Generic and USIs(PE)	3180	28.1	3180	28.1																
Standard and Advanced Reactors(PE)	1825	6.0	1825	6.0																
Fuel Cycle/Transp/Safeguards(PE)																				
Fuel Cycle(A)	775	2.0	581	1.5					194	0.5										
Transportation(A)	150	1.0											150	1.0						
Safeguards(A)	100	1.0	50	0.5			50	0.5												
Total Program Element	1025	4.0	631	2.0	0	0.0	50	0.5	194	0.5	0	0.0	150	1.0	0	0.0	0	0.0	0	0.0
Dev. and Improving Regs.(PE)	5065	15.0	5065	15.0																
Severe Accident Impl.(PE)	2669	10.0	2669	10.0																

ALLOCATION OF NRC'S FY 1991 BUDGET BY MAJOR CLASS OF LICENSEE

03-Apr-91

Programs(P), Program Elements(PE) and Activities(A)	Total**		MAJOR CLASS OF LICENSEE																Costs Allocated By Policy Decisions	
			Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants			
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
Rad. Protection/Health Effects(PE)																				
Rad Protection Issues(A)	625	2.0	469	1.5							156	0.5								
Health Effects Research(A)	950	2.0	713	1.5							238	0.5								
Rad Rules/Reg. Guidance(A)	1000	1.0	750	0.8							250	0.3								
Enviro Policy/Decomm.(A)	2025	6.0	1519	4.5			101	0.3			405	1.2								
Total Program Element	4600	11.0	3450	8.3	0	0.0	101	0.3	0	0.0	1049	2.5	0	0.0	0	0.0	0	0.0	0	0.0
RSR MISSION AREA TOTAL	87900	148.1	83055	134.9	0	0.0	151	0.8	194	0.5	1049	2.5	150	1.0	0	0.0	0	0	3301	8.5
FEE AMOUNT ($, M)		117.7		110.1		0.0		0.3		0.3		1.5		0.4		0.0		0.0		5.0

ALLOCATION OF NRC'S FY 1991 BUDGET BY MAJOR CLASS OF LICENSEE

Programs(P), Program Elements(PE) and Activities(A)	Total**		MAJOR CLASS OF LICENSEE: Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants		Costs Allocated By Policy Decisions	
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
NUCLEAR MATERIAL & LOW LEVEL WASTE SAFETY & SAFEGUARDS REGULATION MISSION AREA																				
Fuel Fac./Spent Fuel Lic./Insp.(PE)																				
Fuel Facility Licensing(A)	930	17.3					390	13.7											540	3.6
Fuel Facility Insp.(A)	1000	14.0					1000	14.0												
Spent Fuel Storage Lic./Insp.(A)	800	3.5							800	3.5										
Section Supervision(A)		4.3		0.0				3.4		0.4										0.4
Total Program Element	2730	39.1	0	0.0	0	0.0	1390	31.2	800	3.9	0	0	0	0	0	0	0	0.0	540	4.0
Lic./Insp. of Materials Users(PE)	2172	105.3									2154	104.4							18	0.9
Event Evaluation(PE)		16.8						3.4				13.4								
Transport of Nuclear Materials(PE)	680	21.9											680	21.9						
Safeguards Lic./Insp.(PE)																				
Fuel Fac. Safeguards Lic.(A)	575	7.7					455	6.5											120	1.2
Export Licensing(A)		2.7																		2.7
Fuel Fac. Safeguards Insp(A)	200	8.4					200	8.4												
Section Supervision(A)		2.4		0.0				1.9												0.5
Total Program Element	775	21.2	0	0.0	0	0.0	655	16.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	120	4.4

MAJOR CLASS OF LICENSEE

Programs(P), Program Elements(PE) and Activities(A)	Total**		Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants		Costs Allocated By Policy Decisions	
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
Threat & Event Assess./Internl.(PE)																				
Policy/Threat/Event Asses.(A)	430	7.4	430	7.4																
International Safeguards(A)		4.0																		4.0
Section Supervision(A)		1.4		0.9																0.5
Total Program Element	430	12.8	430	8.3	0	0.0	0	0.0	0	0.0	0	0	0	0	0	0	0	0	0	4.5
LLW Disposal Lic./Insp.(PE)																				
LLW Regulation/Guidance Dev.(A)	563	5.8																	563	5.8
License Reviews for LLW Fac.(A)	450	6.8															90	1.4	360	5.4
Provide Tech. Assist. To States(A)	100	1.8																	100	1.8
Dev./Imp. Inspections		3.4																	0	3.4
Section Supervision(A)		2.3																0.2		2.1
Total Program Element	1113	20.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	90	1.6	1023	18.5
Uranium Recovery Lic./Insp.(PE)																				
Uranium Recovery(A)	200	9.9													200	9.9				
UMTRCA Actions(A)	400	11.0																	400	11.0
Section Supervision(A)		1.4														0.7				0.7
Total Program Element	600	22.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0	0	0	200	10.6	0	0	400	11.7

ALLOCATION OF NRC'S FY 1991 BUDGET BY MAJOR CLASS OF LICENSEE

03-Apr-91

Programs(P), Program Elements(PE) and Activities(A)	Total**		MAJOR CLASS OF LICENSEE																Costs Allocated By Policy Decisions	
			Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants			
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
Decommissioning(PE)																				
Power Reactor(A)	100	3.8	100	3.8																
Material and Fuel Facility(A)	1100	9.2					220	1.5			880	6.4								1.0
Section Supervision(A)		1.4		0.4				0.2				0.7								0.1
Total Program Element	1200	14.4	100	4.2	0	0.0	220	2.0	0	0.0	880	7.0	0	0	0	0	0	0	0	1.1
NMSS/RSS MISSION AREA TOTAL	9700	273.9	530	12.5	0	0.0	2265	53.4	800	3.9	3034	124.9	680	21.9	200	10.6	90	1.6	2101	45.2
FEE AMOUNT ($, M)		64.7		3.0		0.0		13.0		1.6		28.1		5.1		2.3		0.4		11.2

ALLOCATION OF NRC'S FY 1991 BUDGET BY MAJOR CLASS OF LICENSEE

Programs(P), Program Elements(PE) and Activities(A)	Total** $,K	Total** FTE*	MAJOR CLASS OF LICENSEE: Power Reactor $,K	Power Reactor FTE*	Non-power Reactor $,K	Non-power Reactor FTE*	Fuel Facility $,K	Fuel Facility FTE*	Spent Fuel Storage $,K	Spent Fuel Storage FTE*	Materials $,K	Materials FTE*	Transportation $,K	Transportation FTE*	Uranium Recovery $,K	Uranium Recovery FTE*	Other Applicants $,K	Other Applicants FTE*	Costs Allocated By Policy Decisions $,K	Costs Allocated By Policy Decisions FTE*
SPECIAL AND INDEPENDENT REVIEWS, INVESTIGATIONS, AND ENFORCEMENT MISSION AREA																				
Diagnostic Evaluations(PE)	350	7.0	350	7.0																
Incident Investigations(PE)	50	3.0	50	3.0																
NRC Incident Response(PE)	2200	27.0	2200	27.0																
Operational Data Analysis(PE)	1973	25.0	1873	23.0							100	2.0								
Performance Indicators(PE)	980	4.0	980	4.0																
Oper. Data Collection/Dissem.(PE)	2147	5.0	2147	5.0																
SIRIE MISSION AREA TOTAL	7700	71.0	7600	69.0	0	0	0	0	0	0	100	2.0	0	0.0	0	0.0	0	0	0	0
FEE AMOUNT ($, M)		22.0		21.5		0.0		0.0				0.5		0.0		0.0		0.0		0.0
NUCLEAR SAFETY MANAGEMENT AND SUPPORT MISSION AREA																				
International Activities(PE)	310	22.0																	310	22
NSMS MISSION AREA TOTAL	310	22.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	310	22
FEE AMOUNT ($, M)		4.7		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		4.7

ALLOCATION OF NRC'S FY 1991 BUDGET BY MAJOR CLASS OF LICENSEE

03-Apr-91

Programs(P), Program Elements(PE) and Activities(A)	Total**		MAJOR CLASS OF LICENSEE																Costs Allocated By Policy Decisions	
			Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants			
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
NRC TOTAL	137910	1530	121622	1201	119	2	2416	54	994	4	4183	129	830	23	200	11	90	2	7456	105
FEE AMOUNT ($, M)		445.3		362.8		0.6		13.3		1.9		30.2		5.4		2.3		0.4		28.4
Less Part 170 Fees		-79.5		-71.9		-0.1		-2.7		-0.4		-3.0		-0.6		-0.4		-0.4		0.0
Part 171 Annual Fee		365.8		290.9		0.5		10.6		1.5		27.2		4.8		1.9		0.0		28.4

* Direct Full Time Equivalents (FTE).

** Note that totals in some case may not equal to sum of components due to rounding.

NRC Form 8-C
(4-79)
NRCM 0240

COVER SHEET FOR CORRESPONDENCE

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POWER REACTORS

The FY 1991 budgeted costs related to the additional charge and the amount of the charge is calculated as follows:

	Category of Costs	FY 1991 Budgeted Costs ($ In Millions)
1.	Activities not attributable to an existing NRC licensee or class of licensee (i.e., reviews for DOE/DOD reactor projects, West Valley Demonstration Project, DOE Uranium Mill Tailing Radiation Control Act (UMTRCA) actions; international cooperative safety program and international safeguards activities; 60% of low level waste disposal generic activities; and uranium enrichment activities).	$15.7
2.	Activities not assessed Part 170 licensing and inspection fees based on Commission policy (i.e., licensing and inspection of nonprofit educational institutions, and standard reactor design reviews).	7.6
3.	Export and import licensing activities (FY 1991 only)	1.3
	Total Budgeted Costs	$24.6

FY 1991 Budgeted Costs
Allocated to Operating Power
Reactors by Commission Policy Decision

Item	Budgeted Costs
Activities not attributable to an existing NRC license or class of licensee	
Review of DOE Activities	$3,673
International Safety and Safeguards Program	4,930
Low Level Waste (60%)	5,998
Uranium Enrichment	1,123
Subtotal	$15,724
Activities not assessed Part 170 fees based on Commission policy	
Non-Profit Educational License/Insp.	2,297
Standard Plant Reviews	5,371
Subtotal	$7,668
Export Licensing (FY 1991 only)	1,306
Total	$24,698 = $222,504 or $222,000 rounded
	111 reactors

FY 1991 Costs Allocated By
Commission Policy Decisions
($000)

	Budget Authority		
Review of DOE Activities	PTS $	FTE	Total Cost
RSSR	$20	.3	$80
NMLWSSR			
West Valley - Licensing	300	1.6	621
UMTRCA Actions	400	11.7	2,751
West Valley - Decommissioning	---	1.1	221
Total DOE Activities	$720	14.7	$3,673
Export Licensing			
NMLWSSR	---	3.0	$603
NSMS	---	3.5	703
Total Export	---	6.5	$1,306
Non-Profit Educational Licensing/Inspection			
RSSR - Licensing/Nonpower	$261	1.7	$602
RSSR - Inspection/Nonpower	---	4.1	824
RSSR - Exams/Nonpower	190	2.4	672
NMLWSSR - Lic./Insp.	18	.9	199
Total Non-Profit	$469	9.1	$2,297
International Activities			
NMLWSSR - Safeguards	---	4.5	$904
NSMS - Cooperative Safety	260	16.0	3,474
NSMS - Int./Safeguards	50	2.5	552
Total International	$310	23.0	$4,930
Low Level Waste (LLW)			
NSR - Confirming Safety	3,351	8.5	$5,059
NMLWSSR - Disposal/LIS./Insp.	1,023	18.5	4,739
Total LLW	$4,374	27.0	$9,798
Uranium Enrichment			
NMLWSSR			
Licensing	240	2.4	$722
Safeguards	120	1.4	401
Total U. Enrichment	$360	3.8	$1,123

Standard Plant Reviews

RSSR - Licensing	1,273	20.4	$5,371
Total Budgeted Costs Allocated By Commission Decision	$7,506	104.5	$28,498

To Operating Power Reactors	$24,698
Fuel Facilities LLW	1,900
Materials LLW	1,900
Total	$28,498

NUMBER OF

LICENSED OPERATING REACTORS

Westinghouse	52	
General Electric	38	
Combustion Engineering	15	
Babcock & Wilcox	9	
General Atomic-HTGR	1	
TOTAL REACTORS	115	
LESS:[1]		
Yankee Rowe	-1	Westinghouse Dry Containment
Big Rock Point	-1	GE BWR Dry Ambient Containment
TMI-2	-1	B&W Dry Containment
Ft. St. Vrain	-1	High Temperature Gas Cooled
SUBTOTAL	4	
TOTAL REACTORS	111	

[1] These licensed reactors have not been included in the fee base since historically they have been granted either full or partial exemptions from the annual fees.

LOCATION OF REACTORS

VENDOR	TOTAL REACTORS LICENSED	EAST OF ROCKIES	WEST OF ROCKIES
Westinghouse PWR's	52	48	4[1]
Combustion PWR's	15	10	5[2]
B&W PWR's	9	8	1[3]
SUBTOTAL PWR'S	76	66	10
General Electric BWR's	38	37	1[4]
General Atomic HTGR	1	1[5]	--
TOTAL REACTORS LICENSED	115	104	11

---

[1] Diablo Canyon 1 and 2, San Onofre 1, Trojan

[2] Palo Verde 1, 2, and 3, San Onofre 2 and 3

[3] Rancho Seco

[4] WNP-2

[5] Ft. St. Vrain

NRC Form 8–C
(4–79)
NRCM 0240

COVER SHEET FOR CORRESPONDENCE

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Non Power Reactors
Subject to Annual Fees[1]
Cost Allocation by Mission Area
($000)

Mission Area	PTS	FTE
PSSR		
Review of Nonpower Reactors	$69	.4
License/Exams - Nonpower Reactors	50	.6
Inspections - Nonpower Reactors	--	1.2
Total RSSR	$119	2.2

FTE = 2.2 x $200.9 = $442
PTS = 119
Total $561 or $600
- 100 Estimated Part 170 collections
$500 = $50,000 per reactor
10 reactors

[1] Excludes nonpower reactors at nonprofit educational institutions

MAR 2 6 1991

MEMORANDUM FOR: The Files

FROM: C. James Holloway, Jr.
Special Assistant for Fee Policy and Rules
Office of the Controller

SUBJECT: TEST AND RESEARCH REACTORS

Based on a recent meeting with Doug Weiss of the License Fee and Debt Collection Branch, the following is a list of ten test and research reactors that have an operating license from the NRC and who would be subject to the proposed annual fees of 10 CFR Part 171:

Commercial Test and Research Reactors

	Company Name	License No.	Docket No.
1.	Aerotest	R-98	50-228
2.	Cintichem	R-81	50-54
3.	Dow Chemical	R-108	50-264
4.	General Atomic	R-38	50-89
5.	General Atomic	R-67	50-163
6.	General Electric	R-33	50-73

Federal Government Research Reactors

1.	Armed Forces Radiobiology Res. Institute	50-170
2.	National Institute of Standards and Technology	50-184
3.	U.S. Geological Survey	50-274
4.	Veteran Adm. Medical Center	50/131

Original Signed
By C. James Holloway

C. James Holloway
Special Assistant for
Fee Policy and Rules
Office of the Controller

cc: Doug Weiss

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OFFICE	:OC	:	
NAME	:CJHolloway	:	
DATE	:3/26/91	:	

OFFICIAL RECORD COPY

NUCLEAR NONPOWER REACTORS

NUCLEAR NONPOWER REACTORS ARE DESIGNED AND UTILIZED FOR RESEARCH, TESTING, AND EDUCATION PURPOSES. FOR EXAMPLE

- IN THE PERFORMANCE OF RESEARCH AND TESTING IN THE AREAS OF PHYSICS, CHEMISTRY, BIOLOGY, MEDICINE, MATERIALS SCIENCES, AND RELATED FIELDS.
- IN EDUCATING PEOPLE FOR NUCLEAR RELATED CAREERS IN THE POWER INDUSTRY, NATIONAL DEFENSE AND RESEARCH AND EDUCATION.

OPERATING AND UNDER CONSTRUCTION

- 48 LICENSED TO OPERATE IN 27 STATES.
- 1 UNDER CONSTRUCTION AT THE UNIVERSITY OF TEXAS.
- 1 CONSTRUCTION PERMIT APPLICATION SUBMITTED BY ARKANSAS TECH UNIVERSITY.

$\frac{10}{48} = 20\% =$ COMMERCIAL OR GOVERNMENT

SOURCE = NUREG 1350
1990 EDITION

ALLOCATION OF NRC'S FY 1991 BUDGET BY MAJOR CLASS OF LICENSEE

03-Apr-91

Programs(P), Program Elements(PE) and Activities(A)	Total** $,K	Total** FTE*	Power Reactor $,K	Power Reactor FTE*	Non-power Reactor $,K	Non-power Reactor FTE*	Fuel Facility $,K	Fuel Facility FTE*	Spent Fuel Storage $,K	Spent Fuel Storage FTE	Materials $,K	Materials FTE*	Transportation $,K	Transportation FTE*	Uranium Recovery $,K	Uranium Recovery FTE*	Other Applicants $,K	Other Applicants FTE*	Costs Allocated By Policy Decisions $,K	Costs Allocated By Policy Decisions FTE*
REACTOR SAFETY AND SAFEGUARDS REGULATION MISSION AREA																				
Power Reactor Applications/Insp.(PE)	1400	15.9	1400	15.9																
Review of Std. Reactor Designs(PE)																				
Evolutionary Design(A)	1273	15.0																	1273	15.0
Passive Designs(A)		3.3																	0	3.3
EPRI Adv. Reactor Criteria(A)	200	11.0	200	11.0																
Advanced Non-LWR(A)																				
Section Supervision(A)		3.3		1.2																2.1
Total Program Element	1473	32.6	200	12.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1273	20.4
Rev. of Other-Than-Power Reactor(PE)																				
Review of Nonpower Reactors(A)	330	1.9			69	0.4													261	1.5
Review of LLD/DOE projects(A)	20	0.3																	20	0.3
Power Reactor Decommissioning(A)		1.1	0	1.1																
Section Supervision(A)		0.4		0.1		0.0														0.2
Total Program Element	350	3.7	0	1.2	69	0.4	0	0.0	0	0.0	0	0	0	0	0	0	0	0.0	281	2.0
Rev. of Reactor License Renewal(PE)	1408	14.7	1408	14.7																
Reactor Performance Eval.(PE)	716	33.6	718	33.6																
Eval of Lic. Perf./Maint.(PE)	700	33.7	700	33.7																
Reactor Accident Mgmt. Eval.(PE)	1000	11.3	1000	11.3																
Human Performance Eval.(PE)	650	3.2	650	3.2																
Lic./Exam. of Reactor Operators(PE)	6250	51.8	6010	48.8	50	0.6													190	2.4

ALLOCATION OF NRC'S FY 1991 BUDGET BY MAJOR CLASS OF LICENSEE

Programs(P), Program Elements(PE) and Activities(A)	Total**		MAJOR CLASS OF LICENSEE: Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants		Costs Allocated By Policy Decisions	
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
Resident Inspectors(PE)		190.7		190.7																
Region-Based Inspections(PE)																				
Power Reactors Insp.(A)	3913	175.7	3913	175.7																
Nonpower Reactors Insp.(A)		4.6			0	1.0														3.6
Lab/Tech. Support(A)	810	10.6	810	10.6																
Allegation Followup(A)		13.9	0	13.9																
Safeguards RERs(A)	435	6.4	435	6.4																
EP Inspections(A)		11.4	0	11.4																
EP Assessments(A)	550	1.6	550	1.6																
Safeguards Inspections(A)		21.9	0	21.9																
Section Supervision(A)		33.4	0	32.8	0	0.1												0.0		0.5
Total Program Element	5708	279.5	5708	274.3	0	1.1	0	0.0	0	0.0	0	0	0	0	0	0	0	0.0	0	4.1
Specialized Inspections(PE)	3117	65.6	3117	65.6																
Project Management(PE)		133.4		133.4																
Safety Eval. of Lic. Actions(PE)	9191	127.7	9191	127.7																
Regulatory Improvements(PE)	335	17.8	335	17.8																
RSSR MISSION AREA TOTAL	32300	1015.2	30437	984.1	119	2.2	0	0.0	0	0	0	0	0	0	0	0	0	0.0	1744	28.9
FEE AMOUNT ($, M)		236.2		228.1		0.6		0.0		0.0		0.0		0.0		0.0		0.0		7.5

MAJOR CLASS OF LICENSEE

Program(P), Program Elements(PE) and Activities(A)	Total**		Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants		Costs Allocated By Policy Decisions	
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*		FTE*	$,K	FTE*	$,K	FTE*
NUCLEAR SAFETY RESEARCH MISSION AREA																				
Integrity of Reactor Component(P)	27230	21.5	27230	21.5																
Prevent Damages to Reactor Cores(P)	21675	32.0	21675	32.0																
Reactor Containment Performance(P)	17330	12.0	17330	12.0																
Confirm the Safety of LLW Disp.(P)	3301	8.5																	3301	8.5
Generic and USIs(PE)	3180	28.1	3180	28.1																
Standard and Advanced Reactors(PE)	1825	6.0	1825	6.0																
Fuel Cycle/Transp/Safeguards(PE)																				
Fuel Cycle(A)	775	2.0	581	1.5					194	0.5										
Transportation(A)	150	1.0											150	1.0						
Safeguards(A)	100	1.0	50	0.5			50	0.5												
Total Program Element	1025	4.0	631	2.0	0	0.0	50	0.5	194	0.5	0	0.0	150	1.0	0	0.0	0	0.0	0	0.0
Dev. and Improving Regs.(PE)	5065	15.0	5065	15.0																
Severe Accident Init.(PE)	2669	10.0	2669	10.0																

ALLOCATION OF NRC'S FY 1991 BUDGET BY MAJOR CLASS OF LICENSEE

03-Apr-91

Programs(P), Program Elements(PE) and Activities(A)	Total**		MAJOR CLASS OF LICENSEE																Costs Allocated By Policy Decisions	
			Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants			
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
Rad. Protection/Health Effects(PE)																				
Rad Protection Issues(A)	625	2.0	469	1.5							156	0.5								
Health Effects Research(A)	950	2.0	713	1.5							238	0.5								
Rad Rules/Reg. Guidance(A)	1000	1.0	750	0.8							250	0.3								
Enviro Policy/Decomm.(A)	2025	6.0	1519	4.5			101	0.3			405	1.2								
Total Program Element	4600	11.0	3450	8.3	0	0.0	101	0.3	0	0.0	1049	2.5	0	0.0	0	0.0	0	0.0	0	0.0
RSR MISSION AREA TOTAL	87900	148.1	83055	134.9	0	0.0	151	0.8	194	0.5	1049	2.5	150	1.0	0	0.0	0	0	3301	8.5
FEE AMOUNT ($, M)		117.7		110.1		0.0		0.3		0.3		1.5		0.4		0.0		0.0		5.0

ALLOCATION OF NRC'S FY 1991 BUDGET BY MAJOR CLASS OF LICENSEE

05-Apr-91

Programs(P), Program Elements(PE) and Activities(A)	Total**		MAJOR CLASS OF LICENSEE																Costs Allocated By Policy Decisions	
			Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants			
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
NUCLEAR MATERIAL & LOW LEVEL WASTE SAFETY & SAFEGUARDS REGULATION MISSION AREA																				
Fuel Fac./Spent Fuel Lic./Insp.(PE)																				
Fuel Facility Licensing(A)	950	17.3					390	13.3											560	3.6
Fuel Facility Insp.(A)	1000	14.0					1000	14.0												
Spent Fuel Storage Lic./Insp.(A)	800	3.5							800	3.5										
Section Supervision(A)		4.3		0.0				3.4		0.4										0.4
Total Program Element	2750	39.1	0	0.0	0	0.0	1390	31.2	800	3.9	0	0	0	0	0	0	0	0.0	560	4.0
Lic./Insp. of Materials Users(PE)	2172	105.3									2154	104.4								
Event Evaluation(PE)		16.8						3.4				13.4							18	0.9
Transport of Nuclear Materials(PE)	680	21.9											680	21.9						
Safeguards Lic./Insp.(PE)																				
Fuel Fac. Safeguards Lic.(A)	575	7.7					455	6.5											120	1.2
Export Licensing(A)		2.7																		2.7
Fuel Fac. Safeguards Insp(A)	200	8.4					200	8.4												
Section Supervision(A)		2.4		0.0				1.9												0.5
Total Program Element	775	21.2	0	0.0	0	0.0	655	16.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	120	4.1

ALLOCATION OF NRC'S FY 1991 BUDGET BY MAJOR CLASS OF LICENSEE

05-Apr-91

Programs(P), Program Elements(PE) and Activities(A)	Total**		MAJOR CLASS OF LICENSEE																Costs Allocated By Policy Decisions	
			Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants			
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
Threat & Event Assess./Internl.(PE)																				
Policy/Threat/Event Asses.(A)	430	7.4	430	7.4																
International Safeguards(A)		4.0																		4.0
Section Supervision(A)		1.4		0.9																0.5
Total Program Element	430	12.8	430	8.3	0	0.0	0	0.0	0	0.0	0	0	0	0	0	0	0	0	0	4.5
LLW Disposal Lic./Insp.(PE)																				
LLW Regulation/Guidance Dev.(A)	563	5.8																	563	5.8
License Reviews for LLW Fac.(A)	450	6.8															90	1.4	360	5.4
Pr vide Tech. Assist. To States(A)	100	1.8																	100	1.8
Dev./Imp. Inspections		3.4																	0	3.4
Section Supervision(A)		2.3																0.2		2.1
Total Program Element	1113	20.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	90	1.6	1023	18.5
Uranium Recover /Insp.(PE)																				
Uranium Recovery(A)	200	9.9													200	9.9				
UMTRCA Actions(A)	400	11.0																	400	11.0
Section Supervision(A)		1.4														0.7				0.7
Total Program Element	600	22.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0	0	0	200	10.6	0	0	400	11.7

ALLOCATION OF NRC'S FY 1991 BUDGE BY MAJOR CLASS OF LICENSEE

03-Apr-91

Programs(P), Program Elements(PE) and Activities(A)	Total**		MAJO CLASS OF LICENSEE																Costs Allocated By Policy Decisions	
			Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants			
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
Decommissioning(PE)																				
Power Reactor(A)	100	3.8	100	3.8																
Material and Fuel Facility(A)	1100	9.2					220	1.5			880	6.4								1.0
Section Supervision(A)		1.4		0.4				0.2				0.7								0.1
Total Program Element	1200	14.4	100	4.2	0	0.0	220	2.0	0	0.0	880	7.0	0	0	0	0	0	0	0	1.1
NMLLWSSR MISSION AREA TOTAL	9700	273.9	530	12.5	0	0.0	2265	53.4	800	3.9	3034	124.9	680	21.9	200	10.6	90	1.6	2101	45.2
FEE AMOUNT ($, M)		64.7		3.0		0.0		13.0		1.6		28.1		5.1		2.3		0.4		11.2

ALLOCATION OF NRC'S FY 1991 BUDGET BY MAJOR CLASS OF LICENSEE

05-Apr-91

Programs(P), Program Elements(PE) and Activities(A)	Total**		MAJOR CLASS OF LICENSEE: Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants		Costs Allocated By Policy Decisions	
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	,K	FTE*
SPECIAL AND INDEPENDENT REVIEWS, INVESTIGATIONS, AND ENFORCEMENT MISSION AREA																				
Diagnostic Evaluations(PE)	350	7.0	350	7.0																
Incident Investigations(PE)	50	3.0	50	3.0																
NRC Incident Response(PE)	2200	27.0	2200	27.0																
Operational Data Analysis(PE)	1973	25.0	1873	23.0							100	2.0								
Performance Indicators(PE)	980	4.0	980	4.0																
Oper. Data Collection/Dissem.(PE)	2147	5.0	2147	5.0																
SIRIE MISSION AREA TOTAL	7700	71.0	7600	69.0	0	0	0	0	0	0	100	2.0	0	0.0	0	0.0	0	0	0	0
FEE AMOUNT ($, M)		22.0		21.5		0.0		0.0				0.5		0.0		0.0		0.0		0.0
NUCLEAR SAFETY MANAGEMENT AND SUPPORT MISSION AREA																				
International Activities(PE)	310	22.0																	310	22
NSMS MISSION AREA TOTAL	310	22.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	310	22
FEE AMOUNT ($, M)		4.7		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		4.7

ALLOCATION OF NRC'S FY 1991 BUDGET BY MAJOR CLASS OF LICENSEE

05-Apr-91

MAJOR CLASS OF LICENSEE

Programs(P), Program Elements(PE) and Activities(A)	Total**		Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants		Costs Allocated By Policy Decisions	
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
NRC TOTAL	137910	1530	121622	1201	119	2	2416	54	994	4	4183	129	850	23	200	11	90	2	7456	105
FEE AMOUNT ($, M)		445.3		362.8		0.6		13.3		1.4		30.2		5.4		2.3		0.4		28.4
Less Part 170 Fees		-79.5		-71.9		-0.1		-2.7		-.4		-5.0		-0.6		-0.4		-0.4		0.0
Part 171 Annual Fee		365.8		290.9		0.5		10.6		1.5		27.2		4.8		1.9		0.0		28.4

* Direct Full Time Equivalents (FTE).

** Note that totals in some case may not equal to sum of components due to rounding.

NRC Form 8-C
(4-79)
NRCM 0240

COVER SHEET FOR CORRESPONDENCE

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MAJOR FUEL FACILITIES

	Annual Fee ($ in Millions)		
High Enriched Fuel	Safeguards	Safety	Total
Nuclear Fuel Services	$1.1	$1.2	$2.3
Babcock and Wilcox	1.1	1.2	2.3
Subtotal	$2.2	$2.4	$4.6
Low Enriched Fuel	Safeguards	Safety	Total
Advanced Nuclear Fuels	0.1	.6	.7
Babcock and Wilcox	0.1	.2	.3
General Electric	0.2	1.1	1.3
Westinghouse	0.2	1.1	1.3
Combustion Engineering (Hematite)	0.1	.6	.7
Combustion Engineering (Windsor)	0.1	.1	.1
Subtotal	$0.8	$3.8	$4.6

UF_6 Conversion	Safeguards	Safety	Total
Allied Signal Corp.	$0.1	$.6	$.7
Sequoyah Fuels Corp.	0.1	.6	.7
Subtotal	$0.2	$1.2	$ 1.4
Total	$3.2	$7.4	$10.6

ALLOCATION OF NRC FY 1991 BUDGET TO FUEL FACILITY BASE FEES[1/]

	Total Program Element		Allocated to Fuel Facility	
	Program Support $,K	FTE	Program Support $,K	FTE
NUCLEAR S[illegible]				
Fuel C[illegible] ransportation/ Safeguards	$1025	4.0	$50	0.5
Rad. Protection/Health Effects	4600	2.0	101	0.3
NSR MISSION AREA TOTAL			$151	0.8
NUCLEAR MATERIAL & LOW LEVEL WASTE SAFETY & SAFEGUARDS REGULATION				
Fuel Facilities/Spent Fuel	$2730	39.1	$1390	[illegible]
Event Evaluation		16.8		3.4
Safeguards Licensing/Inspection	775	21.2	655	16.8
Decommissioning	1200	14.4	220	2.0
NMLLWSSR MISSION AREA TOTAL			$2,265	53.4
TOTAL			$2,416	54.2
TOTAL BASE FEE AMOUNT ALLOCATED TO FUEL FACILITIES			$13.3 million[2/]	
LESS PART 170 FUEL FACILITY FEES			-2.7 million	
PART 171 BASE FEES FOR FUEL FACILITIES			$10.6 million	

1/ Base annual fee includes all costs attributable to the fuel facility class of licensees. The base fee does not include costs allocated to fuel facilities for policy reasons.

2/ Amount is obtained by multiplying the direct FTE times the rate per FTE and adding the program support funds.

Programs(P), Program Elements(PE) and Activities(A)	Total** $,K	Total** FTE*	MAJOR CLASS OF LICENSEE: Power Reactor $,K	Power Reactor FTE*	Non-power Reactor $,K	Non-power Reactor FTE*	Fuel Facility $,K	Fuel Facility FTE*	Spent Fuel Storage $,K	Spent Fuel Storage FTE	Materials $,K	Materials FTE*	Transportation $,K	Transportation FTE*	Uranium Recovery $,K	Uranium Recovery FTE*	Other Applicants $,K	Other Applicants FTE*	Costs Allocated By Policy Decisions $,K	Costs Allocated By Policy Decisions FTE*
REACTOR SAFETY AND SAFEGUARDS REGULATION MISSION AREA																				
Power Reactor Applications/Insp. (PE)	1400	15.9	1400	15.9																
Review of Std. Reactor Designs(PE)																				
Evolutionary Design(A)	1273	15.0																	1273	15.0
Passive Designs(A)		3.3																	0	3.3
EPRI Adv. Reactor Criteria(A)	200	11.0	200	11.0																
Advanced Non-LWR(A)																				
Section Supervision(A)		3.3		1.2																2.1
Total Program Element	1473	32.6	200	12.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1273	20.4
Rev. of Other-Than-Power Reactor(PE)																				
Review of Nonpower Reactors(A)	330	1.9			69	0.4													261	1.5
Review of DOD/DOE projects(A)	20	0.3																	20	0.3
Power Reactor Decommissioning(A)		1.1	0	1.1																
Section Supervision(A)		0.4		0.1		0.0														0.2
Total Program Element	350	3.7	0	1.2	69	0.4	0	0.0	0	0.0	0	0	0	0	0	0	0	0.0	281	2.0
Rev. of Reactor License Renewal(PE)	1408	14.7	1408	14.7																
Reactor Performance Eval.(PE)	718	33.6	718	33.6																
Eval of Lic. Perf./Maint.(PE)	700	33.7	700	33.7																
Reactor Accident Mgmt. Eval.(PE)	1000	11.3	1000	11.3																
Human Performance Eval.(PE)	650	3.2	650	3.2																
Lic./Exam. of Reactor Operators(PE)	6250	51.8	6010	48.8	50	0.6													190	2.4

MAJOR CLASS OF LICENSEE

Programs(P), Program Elements(PE) and Activities(A)	Total**		Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants		Costs Allocated By Policy Decisions	
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
Resident Inspectors(PE)		190.7		190.7																
Region-Based Inspections(PE)																				
Power Reactors Insp.(A)	3913	175.7	3913	175.7																
Nonpower Reactors Insp.(A)		4.6			0	1.0														3.6
Lab/Tech. Support(A)	810	10.6	810	10.6																
Allegation Followup(A)		13.9	0	13.9																
Safeguards RERs(A)	435	6.4	435	6.4																
EP Inspections(A)		11.4	0	11.4																
EP Assessments(A)	550	1.6	550	1.6																
Safeguards Inspections(A)		21.9	0	21.9																
Section Supervision(A)		33.4	0	32.8	0	0.1												0.0		0.5
Total Program Element	5708	279.5	5708	274.3	0	1.1	0	0.0	0	0.0	0	0		0	0	0	0	0.0	0	4.1
Specialized Inspections(PE)	3117	65.6	3117	65.6																
Project Management(PE)		133.4		133.4																
Safety Eval. of Lic. Actions(PE)	9191	127.7	9191	127.7																
Regulatory Improvements(PE)	335	17.8	335	17.8																
RSSR MISSION AREA TOTAL	32300	1015.2	30437	984.1	119	2.2	0	0	0	0	0	0	0	0	0	0	0	0.0	1744	28.9
FEE AMOUNT ($, M)		256.2		228.1		0.6		0.0		0.0		0.0		0.0		0.0		0.0		7.5

ALLOCATION OF NRC'S FY 1991 BUDGET BY MAJOR CLASS OF LICENSEE

05-Apr-91

Programs(P), Program Elements(PE) and Activities(A)	Total**		Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants		Costs Allocated By Policy Decisions	
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
NUCLEAR SAFETY RESEARCH MISSION AREA																				
Integrity of Reactor Component(P)	27230	21.5	27230	21.5																
Prevent Damages to Reactor Cores(P)	21675	32.0	21675	32.0																
Reactor Containment Performance(P)	17330	12.0	17330	12.0																
Confirm the Safety of LLW Disp.(P)	3301	8.5																	3301	8.5
Generic and USIs(PE)	3180	28.1	3180	28.1																
Standard and Advanced Reactors(PE)	1825	6.0	1825	6.0																
Fuel Cycle/Transp/Safeguards(PE)																				
Fuel Cycle(A)	775	2.0	581	1.5					194	0.5										
Transportation(A)	150	1.0											150	1.0						
Safeguards(A)	100	1.0	50	0.5			50	0.5												
Total Program Element	1025	4.0	631	2.0	0	0.0	50	0.5	194	0.5	0	0.0	150	1.0	0	0.0	0	0.0	0	0.0
Rev. and Improving Regs.(PE)	5065	15.0	5065	15.0																
Severe Accident Impl.(PE)	2669	10.0	2669	10.0																

MAJOR CLASS OF LICENSEE

Programs(P), Program Elements(PE) and Activities(A)	Total**		Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants		Costs Allocated By Policy Decisions	
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
Rad. Protection/Health Effects(PE)																				
Rad Protection Issues(A)	625	2.0	469	1.5							156	0.5								
Health Effects Research(A)	950	2.0	713	1.5							238	0.5								
Rad Rules/Reg. Guidance(A)	1000	1.0	750	0.8							250	0.3								
Enviro Policy/Decomm.(A)	2025	6.0	1519	4.5			101	0.3			405	1.2								
Total Program Element	4600	11.0	3450	8.3	0	0.0	101	0.3	0	0.0	1049	2.5	0	0.0	0	0.0	0	0.0	0	0.0
SR MISSION AREA TOTAL	87900	148.1	83055	134.9	0	0.0	151	0.8	194	0.5	1049	2.5	150	1.0	0	0.0	0	0	3301	8.5
FEE AMOUNT ($, M)		117.7		110.1		0.0		0.3		0.3		1.5		0.4		0.0		0.0		5.0

Program(P), Program Elements(PE) and Activities(A)	Total**		MAJOR CLASS OF LICENSEE: Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants		Costs Allocated By Policy Decisions	
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
NUCLEAR MATERIAL & LOW LEVEL WASTE SAFETY & SAFEGUARDS REGULATION MISSION AREA																				
Fuel Fac./Spent Fuel Lic./Insp.(PE)																				
Fuel Facility Licensing(A)	950	17.3					390	13.7											540	3.6
Fuel Facility Insp.(A)	1000	14.0					1000	14.0												
Spent Fuel Storage Lic./Insp.(A)	800	3.5							800	3.5										
Section Supervision(A)		4.3		0.0				3.4		0.4										0.4
Total Program Element	2750	39.1	0	0.0	0	0.0	1390	31.2	800	3.9	0	0	0	0	0	0	0	0.0	540	4.0
Insp. of Materials Users(PE)	2172	105.3									2154	104.4							18	0.9
Event Evaluation(PE)		16.8						3.4				13.4								
Transport of Nuclear Materials(PE)	680	21.9											680	21.9						
Safeguards Lic./Insp.(PE)																				
Fuel Fac. Safeguards Lic.(A)	575	7.7					455	6.5											120	1.2
Export Licensing(A)		2.7																		2.7
Fuel Fac. Safeguards Insp(A)	200	8.4					200	8.4												
Section Supervision(A)		2.4		0.0				1.9												0.5
Total Program Element	775	21.2	0	0.0	0	0.0	655	16.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	120	4.4

ALLOCATION OF NRC'S FY 1991 BUDGET BY MAJOR CLASS OF LICENSEE

05-Apr-91

rograms(P), Program Elements(PE) and Activities(A)	Total**		MAJOR CLASS OF LICENSEE																Costs Allocated By Policy Decisions	
			Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants			
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
hreat & Event Assess./Interni.(PE)																				
Policy/Threat/Event Asses.(A)	430	7.4	430	7.4																
International Safeguards(A)		4.0																		4.0
Section Supervision(A)		1.4		0.9																0.5
Total Program Element	430	12.8	430	8.3	0	0.0	0	0.0	0	0.0	0	0	0	0	0	0	0	0	0	4.5
W Disposal Lic./Insp.(PE)																				
LtW Regulation/Guidance Dev.(A)	563	5.8																	563	5.8
License Reviews for LtW fac.(A)	450	6.8															90	1.4	360	5.4
Provide Tech. Assist. To States(A)	100	1.8																	100	1.8
Dev./Imp. Inspections		3.4																	0	3.4
Section Supervision(A)		2.3																0.2		2.1
Total Program Element	1113	20.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	90	1.6	1023	18.5
anium Recovery Lic./Insp.(PE)																				
Uranium Recovery(A)	200	9.9													200	9.9				
UMTRCA Actions(A)	400	11.0																	400	11.0
Section Supervision(A)		1.4														0.7				0.7
Total Program Element	600	22.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0	0	0	200	10.6	0	0	400	11.7

ALLOCATION OF NRC'S FY 1991 BUDGET BY MAJOR CLASS OF LICENSEE

05-Apr-91

MAJOR CLASS OF LICENSEE

Programs(P), Program Elements(PE) and Activities(A)	Total**		Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants		Costs Allocated By Policy Decisions	
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
Decommissioning(PE)																				
Power Reactor(A)	100	3.8	100	3.8																
Material and fuel Facility(A)	1100	9.2					220	1.5			880	6.4								1.0
Section Supervision(A)		1.4		0.4				0.2				0.7								0.1
Total Program Element	1200	14.4	100	4.2	0	0.0	220	2.0	0	0.0	880	7.0	0	0	0	0	0	0	0	1.1
LLWSSR MISSION AREA TOTAL	9700	273.9	530	12.5	0	0.0	2265	53.4	800	3.9	3034	124.9	680	21.9	200	10.6	90	1.6	2101	45.2
FEE AMOUNT ($, M)		64.7		3.0		0.0		13.0		1.6		28.1		5.1		2.3		0.4		11.2

MAJOR CLASS OF LICENSEE

Programs(P), Program Elements(PE) and Activities(A)	Total**		Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants		Costs Allocated By Policy Decisions	
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
SPECIAL AND INDEPENDENT REVIEWS, INVESTIGATIONS, AND ENFORCEMENT MISSION AREA																				
Diagnostic Evaluations(PE)	350	7.0	350	7.0																
Incident Investigations(PE)	50	3.0	50	3.0																
NRC Incident Response(PE)	2200	27.0	2200	27.0																
Operational Data Analysis(PE)	1973	25.0	1873	23.0							100	2.0								
Performance Indicators(PE)	980	4.0	980	4.0																
Oper. Data Collection/Dissem.(PE)	2147	5.0	2147	5.0																
SIRIE MISSION AREA TOTAL	7700	71.0	7600	69.0	0	0	0	0	0	0	100	2.0	0	0.0	0	0.0	0	0	0	0
FEE AMOUNT ($, M)		22.0		21.5		0.0		0.0				0.5		0.0		0.0		0.0		0.0
NUCLEAR SAFETY MANAGEMENT AND SUPPORT MISSION AREA																				
International Activities(PE)	310	22.0																	310	22
NSNS MISSION AREA TOTAL	310	22.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	310	22
FEE AMOUNT ($, M)		4.7		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		4.7

ALLOCATION OF NRC'S FY 1991 BUDGET BY MAJOR CLASS OF LICENSEE

05-Apr-91

MAJOR CLASS OF LICENSEE

Program(P), Program Elements(PE) and Activities(A)	Total**		Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants		Costs Allocated By Policy Decisions	
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
C TOTAL	137910	1530	121622	1201	119	2	2416	54	994	4	4183	129	850	23	200	11	90	2	7456	105
FEE AMOUNT ($, M)		445.3		362.8		0.6		13.3		1.5		50.2		5.4		2.3		0.4		28.4
Less Part 170 Fees		-79.5		-71.9		-0.1		-2.7		-0.4		-3.0		-0.6		-0.4		-0.4		0.0
Part 171 Annual Fee		365.8		290.9		0.5		10.6		1.5		27.2		4.8		1.9		0.0		28.4

* Direct Full Time Equivalents (FTE).

** Note that totals in some case may not equal to sum of components due to rounding.

NRC Form 8-C
(4-79)
NRCM 0240

COVER SHEET FOR CORRESPONDENCE

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The FY 1991 budgeted costs related to the additional charge and the amount of the charge are calculated as follows:

Category of Costs	FY 1991 Budgeted Costs ($ In Millions)
1. Activities not attributable to an existing NRC licensee or class of licensee, i.e., 40% of LLW disposal generic activities.	$3.8

Of the $3.8 million budgeted costs shown above for LLW activities, 50 percent of the amount ($1.9 million) would be divided by the number of fuel facilities included in Part 171 (10 facilities), which would equal $190,000 per fuel facility. The remaining 50 percent ($1.9 million) divided by the total number of material licensees in categories that generate low level waste (3,322 licensees) equals $570 per materials licensee. Those licensees that generate a significant amount of low level waste for purposes of the calculation of the surcharge are in fee categories 1.A.(2), 1.B, 1.D, 2.A, 2.C, 3.A, 3.B, 3.C, 3.L, 3.M, 3.N, 4.A, 4.B, 4.C, 5.B, 6.A, 7.B, 7.C, and 16.

NRC Form 8–C
(4–79)
NRCM 0240

COVER SHEET FOR CORRESPONDENCE

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CALCULATION OF ANNUAL FEE FOR
URANIUM RECOVERY LICENSEES

Uranium recovery licenses are covered under category 2A of Part 170. That category also includes licenses for refining uranium mill concentrates to uranium hexafluoride (e.g., Sequoyah Fuels Corp. and Allied Signal Corp.). Eliminating uranium hexafluoride conversion licenses, the number of uranium recovery licenses is about 30 distributed as follows:

Types of Licensees	Number
o Mills operating or in standby	9
o Mills in reclamation	10
o In-situ leach projects in commercial operations	5
o Other licenses (R&D projects, heap-leach projects, secondary recovery, etc.)	5

Classes of Licenses for Annual Fee Purposes:

Class I: Mills in operation or standby, mills with reclamation plans under review and commercial in situ leach facilities.

Other Facilities: For example, mills in reclamation, R&D in-situ leach projects, secondary recovery operations, heap-leach operations.

The licensees, by class, are attached. Considering URFO staff time charged to these licensees, for all direct effort policy regulations, and inspection effort it is estimated that about 60% of the generic costs are attributable to Class I licensees and 40% to the other licensees.

Therefore, to recover $1.9 million in budgeted costs, the annual fees are:

Class I: $.6 \times \frac{\$1,922,000}{} = \frac{\$1,153.2}{15 \text{ licenses}} = \$76,880$ or $77,000 rounded per license

Other: $.4 \times \$1,922,000 = \frac{\$768.8}{15 \text{ licenses}} = \$51,253$ or $51,000 rounded per license

CLASS I	REMARKS	OTHER	REMARKS
Atlas Mill	in standby status	ANC Mill	in reclamation
CEGB Mine	commercial ISL	ARCO Mill	in reclamation
Ferret Mine	commercial ISL	Exxon Mill	in reclamation
Homestake Mill	rec plan in review	Grace Heap Leach	in reclamation
MEC Mill	in standby status	Hecla Backfill	in reclamation
Pathfinder LM Mill	in standby status	Petrotomics Mill	in reclamation
Pathfinder SB Mill	in standby (nr oper)	Rio Algom Mill	in reclamation
Plateau Res Mill	in standby status	Rio Algom Mine	R&D project
Power Res Mine	commercial ISL	Sohio W. Mill	in reclamation
Quivira Mill	in standby status	TVA Mill	in reclamation
Tomin Mill	commercial ISL	UMETCO GH Mill	in reclamation
UMETCO WM Mill	in standby (nr oper)	UnPac Mill	in reclamation
UNC Mill	rec plan in review	URI Mine	R&D project
Uranerz KB Mine	commercial ISL	USE IX	sec. recovery
Uranerz Ruth Mine	commercial ISL	WNI Mill	in reclamation

Uranium Recovery
Cost Allocation By Mission Area
($000)

Mission Area	PTS	FTE
NMLWSSR		
Uranium Recovery License/ Inspections	$200	10.6

FTE = 10.6 x $200.9 = $2,130
PTS 200
$2,330 or $2,300
- 400 Part 170 Estimated Collections
$1,900

MAJOR CLASS OF LICENSEE

Programs(P), Program Elements(PE) and Activities(A)	Total**		Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants		Costs Allocated By Policy Decisions	
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
REACTOR SAFETY AND SAFEGUARDS REGULATION MISSION AREA																				
Power Reactor Applications/Insp.(PE)	1400	15.9	1400	15.9																
Review of Std. Reactor Designs(PE)																				
Evolutionary Design(A)	1273	15.0																	1273	15.0
Passive Designs(A)		3.3																	0	3.3
EPRI Adv. Reactor Criteria(A)	200	11.0	200	11.0																
Advanced Non-LWR(A)																				
Section Supervision(A)		3.3		1.2																2.1
Total Program Element	1473	32.6	200	12.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1273	20.4
Rev. of Other-Than-Power Reactor(PE)																				
Review of Nonpower Reactors(A)	330	1.9			69	0.4													261	1.5
Review of DOD/DOE projects(A)	20	0.3																	20	0.3
Power Reactor Decommissioning(A)		1.1	*	1.1																
Section Supervision(A)		0.4		0.1		0.0														0.2
Total Program Element	350	3.7	0	1.2	69	0.4	0	0.0	0	0.0	0	0	0	0	0	0	0	0.0	281	2.0
Rev. of Reactor License Renewal(PE)	1408	14.7	1408	14.7																
Reactor Performance Eval.(PE)	718	33.6	718	33.6																
Eval of Lic. Perf./Maint.(PE)	700	33.7	700	33.7																
Reactor Accident Mgmt. Eval.(PE)	1000	11.3	1000	11.3																
Human Performance Eval.(PE)	650	5.2	650	5.2																
Lic./Exam. of Reactor Operators(PE)	6250	51.8	6010	48.8	50	0.6													190	2.4

ALLOCATION OF NRC'S FY '1991 BUDGET BY MAJOR CLASS OF LICENSEE

MAJOR CLASS OF LICENSEE

Program(P), Program Elements(PE) and Activities(A)	Total**		Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants		Costs Allocated By Policy Decision	
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
Resident Inspectors(PE)		190.7		190.7																
Region-Based Inspections(PE)																				
Power Reactors Insp.(A)	3917	175.7	3913	175.7																
Nonpower Reactors Insp.(A)		4.6			0	1.0														3.6
Lab/Tech. Support(A)	810	10.6	810	10.6																
Allegation Followup(A)		13.9	0	13.9																
Safeguards RERs(A)	435	6.4	435	6.4																
EP Inspections(A)		11.4	0	11.4																
EP Assessments(A)	550	1.6	550	1.6																
Safeguards Inspections(A)		21.9	0	21.9																
Section Supervision(A)		53.4	0	52.8	0	0.1												0.0		0.5
Total Program Element	5708	279.5	5708	274.3	0	1.1	0	0.0	0	0.0	0	0	0	0	0	0	0	0.0	0	4.1
Specialized Inspections(PE)	3117	65.6	3117	65.6																
Project Management(PE)		133.4		133.4																
Safety Eval. of Lic. Actions(PE)	9191	127.7	9191	127.7																
Regulatory Improvements(PE)	335	17.8	335	17.8																
RSSR MISSION AREA TOTAL	32300	1015.2	30437	984.1	119	2.2	0	0	0	0	0	0	0	0	0	0	0	0.0	1744	28.9
AMOUNT ($, M)		236.2		228.1		0.6		0.0		0.0		0.0		0.0		0.0		0.0		7.5

ALLOCATION OF NRC'S FY 1991 BUDGET BY MAJOR CLASS OF LICENSEE

03-Apr-91

Programs(P), Program Elements(PE) and Activities(A)	Total**		MAJOR CLASS OF LICENSEE: Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants		Costs Allocated By Policy Decisions	
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
NUCLEAR SAFETY RESEARCH MISSION AREA																				
Integrity of Reactor Component(P)	27250	21.5	27250	21.5																
Prevent Damages to Reactor Cores(P)	21675	32.0	21675	32.0																
Reactor Containment Performance(P)	17330	12.0	17330	12.0																
Confirm the Safety of LLW Disp.(P)	3301	8.5																	3301	8.5
Generic and USIs(PE)	3180	28.1	3180	28.1																
Standard and Advanced Reactors(PE)	1825	6.0	1825	6.0																
Fuel Cycle/Transp/Safeguards(PE)																				
Fuel Cycle(A)	775	2.0	581	1.5					194	0.5										
Transportation(A)	150	1.0											150	1.0						
Safeguards(A)	100	1.0	50	0.5			50	0.5												
Total Program Element	1025	4.0	631	2.0	0	0.0	50	0.5	194	0.5	0	0.0	150	1.0	0	0.0	0	0.0	0	0.0
Dev. and Improving Regs.(PE)	5065	15.0	5065	15.0																
Severe Accident Impl.(PE)	2669	10.0	2669	10.0																

ALLOCATION OF NRC'S FY 1991 BUDGET BY MAJOR CLASS OF LICENSEE

03-Apr-91

Programs(P), Program Elements(PE) and Activities(A)	Total**		MAJOR CLASS OF LICENSEE																	
			Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants		Costs Allocated By Policy Decisions	
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
Rad. Protection/Health Effects(PE)																				
Rad Protection Issues(A)	625	2.0	469	1.5																
Health Effects Research(A)	950	2.0	713	1.5							156	0.5								
Rad Rules/Reg. Guidance(A)	1000	1.0	750	0.8							238	0.5								
Enviro Policy/Decomm.(A)	2025	6.0	1519	4.5							250	0.3								
							101	0.3			495	1.2								
Total Program Element	4600	11.0	3450	8.3	0	0.0	101	0.3	0	0.0	1049	2.5	0	0.0	0	0.0	0	0.0	0	0.0
R MISSION AREA TOTAL	87900	148.1	83055	134.9	0	0.0	151	0.8	194	0.5	1049	2.5	150	1.0	0	0.0	0	0	3301	8.5
FEE AMOUNT ($, M)		447.7		110.1		0.0		0.3		0.3		1.5		0.4		0.0		0.0		5.0

ALLOCATION OF NRC'S FY 1991 BUDGET BY MAJOR CLASS OF LICENSEE

03-Apr-91

Programs(P), Program Elements(PE) and Activities(A)	Total**		MAJOR CLASS OF LICENSEE: Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants		Costs Allocated By Policy Decisions	
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
NUCLEAR MATERIAL & LOW LEVEL WASTE SAFETY & SAFEGUARDS REGULATION MISSION AREA																				
Fuel Fac./Spent Fuel Lic./Insp.(PE)																				
Fuel Facility Licensing(A)	930	17.3					390	13.7											540	3.6
Fuel Facility Insp.(A)	1000	14.0					1000	14.0												
Spent Fuel Storage Lic./Insp.(A)	800	3.5							800	3.5										
Section Supervision(A)		4.3		0.0				3.4		0.4										0.4
Total Program Element	2730	39.1	0	0.0	0	0.0	1390	31.2	800	3.9	0	0	0	0	0	0	0	0.0	540	4.0
Lic./Insp. of Materials Users(PE)	2172	105.3									2154	104.4							18	0.9
Event Evaluation(PE)		16.8						3.4				13.4								
Transport of Nuclear Materials(PE)	680	21.9											680	21.9						
Safeguards Lic./Insp.(PE)																				
Fuel Fac. Safeguards Lic.(A)	575	7.7					455	6.5											120	1.2
Export Licensing(A)		2.7																		2.7
Fuel Fac. Safeguards Insp(A)	280	8.4					280	8.4												
Section Supervision(A)		2.4		0.0				1.9												0.5
Total Program Element	775	21.2	0	0.0	0	0.0	655	16.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	120	4.4

MAJOR CLASS OF LICENSEE

Programs(P), Program Elements(PE) and Activities(A)	Total**		Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants		Costs Allocated By Policy Decisions	
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
Threat & Event Assess./Internl.(PE)																				
Policy/Threat/Event Asses.(A)	430	7.4	430	7.4																
International Safeguards(A)		4.0																		4.0
Section Supervision(A)		1.4		0.9																0.5
Total Program Element	430	12.8	430	8.3	0	0.0	0	0.0	0	0.0	0	0	0	0	0	0	0	0	0	4.5
LLW Disposal Lic./Insp.(PE)																				
LLW Regulation/Guidance Dev.(A)	563	5.8																	563	5.8
License Reviews for LLW Fac.(A)	450	6.8															90	1.4	360	5.4
Provide Tech. Assist. To States(A)	100	1.8																	100	1.8
Dev./Imp. Inspections		3.4																	0	3.4
Section Supervision(A)		2.3																0.2		2.1
Total Program Element	1113	20.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	90	1.6	1023	18.5
Uranium Recovery Lic./Insp.(PE)																				
Uranium Recovery(A)	200	9.9													200	9.9				
UMTRCA Actions(A)	400	11.0																	400	11.0
Section Supervision(A)		1.4														0.7				0.7
Total Program Element	600	22.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0	0	0	200	10.6	0	0	400	11.7

ALLOCATION OF NRC'S FY 1991 BUDGE BY MAJOR CLASS OF LICENSEE

03-Apr-91

Programs(P), Program Elements(PE) and Activities(A)	Total**		MAJO: CLASS OF LICENSEE																	
			Power Reactor		Non-power Reactor		Fuel facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants		Costs Allocated By Policy Decisions	
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
Decommissioning(PE)																				
Power Reactor(A)	100	3.8	100	3.8																
Material and Fuel facility(A)	1100	9.2					220	1.5			880	6.4								1.0
Section Supervision(A)		1.4		0.4				0.2				0.7								0.1
Total Program Element	1200	14.4	100	4.2	0	0.0	220	2.0	0	0.0	880	7.0			0	0	0	0	0	1.1
RLWSSR MISSION AREA TOTAL	9700	273.9	530	12.5	0	0.0	2265	53.4	800	3.9	3034	124.9	680	21.9	200	10.6	90	1.6	2101	45.2
FEE AMOUNT ($, M)		64.7		3.0		0.0		13.0		1.6		28.1		5.1		2.3		0.4		11.2

ALLOCATION OF NRC'S FY 1991 BUDGET BY MAJOR CLASS OF LICENSEE

05-Apr-91

Programs(P), Program Elements(PE) and Activities(A)	Total**		MAJOR CLASS OF LICENSEE																Costs Allocated By Policy Decisions	
			Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants			
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
SPECIAL AND INDEPENDENT REVIEWS, INVESTIGATIONS, AND ENFORCEMENT MISSION AREA																				
Diagnostic Evaluations(PE)	350	7.0	350	7.0																
Incident Investigations(PE)	50	3.0	50	3.0																
NRC Incident Response(PE)	2200	27.0	2200	27.0																
Operational Data Analysis(PE)	1973	25.0	1873	23.0							100	2.0								
Performance Indicators(PE)	980	4.0	980	4.0																
Oper. Data Collection/Dissem.(PE)	2147	5.0	2147	5.0																
SIRIE MISSION AREA TOTAL	7700	71.0	7600	69.0	0	0	0	0	0	0	100	2.0	0	0.0	0	0.0	0	0	0	0
FEE AMOUNT ($, M)		22.0		21.5		0.0		0.0				0.5		0.0		0.0		0.0		0.0
NUCLEAR SAFETY MANAGEMENT AND SUPPORT MISSION AREA																				
International Activities(PE)	310	22.0																	310	22
NSMS MISSION AREA TOTAL	310	22.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	310	22
FEE AMOUNT ($, M)		4.7		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		4.7

ALLOCATION OF NRC'S FY 1991 BUDGET BY MAJOR CLASS OF LICENSEE

05-Apr-91

Programs(P), Program Elements(PE) and Activities(A)	Total**		MAJOR CLASS OF LICENSEE: Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants		Costs Allocated By Policy Decisions	
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
C TOTAL	137910	1530	121622	1201	119	2	2416	54	994	4	4183	129	850	23	700	11	90	2	7456	105
FEE AMOUNT (S, M)		445.3		362.8		0.6		13.3		1.5		30.2		5.4		2.3		0.4		28.4
Less Part 170 Fees		-79.5		-71.9		-0.1		-2.7		-0.4		-3.0		-0.6		-0.4		-0.4		0.0
Part 171 Annual Fee		365.8		290.9		0.5		10.6		1.5		27.2		4.8		1.9		0.0		28.4

* Direct Full Time Equivalents (FTE).

** Note that totals in some case may not equal to sum of components due to rounding.

NRC Form 8-C
(4-79)
NRCM 0240

COVER SHEET FOR CORRESPONDENCE

Use this Cover Sheet to Protect Originals of Multi-Page Correspondence.

Spent Fuel Storage

Cost Allocation By Mission Area
($000)

Mission Area	PTS	FTE
NSR		
Fuel Cycle	$194	.5
NMLWSSR		
Spent Fuel License/Inspection	800	3.9
Total	$994	4.4

FTE = 4.4 x $200.9 = $884
PTS = 994
$1,878 or $1,900
- 400 estimated Part 170 collections
$1,500 = $187,500 per facility
8 facilities

SPENT FUEL STORAGE LICENSEES

Category 1B	Docket No.	License No.
1. General Electric (Morris)	72-1	SNM-2500
2. Virginia Electric & Power (Surry)	72-2	SNM-2501
3. Carolina Power and Light (H.B. Robinson)	72-3	SNM-2502
4. Duke Power Co. (Oconee)	72-4	SNM-2503

Category 13	Docket No.	Cert. of Compliance
1. General Nuclear Systems	72-1000	1000
2. Westinghouse Electric	72-1001	1001
3. Nuclear Assurance Corp.	72-1002	1002
4. Nuclear Assurance Corp.	72-1003	1003

ALLOCATION OF NRC'S FY 1991 BUDGET BY MAJOR CLASS OF LICENSEE

03-Apr-91

MAJOR CLASS OF LICENSEE

Programs(P), Program Elements(PE) and Activities(A)	Total**		Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants		Costs Allocated by Policy Decisions	
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
REACTOR SAFETY AND SAFEGUARDS REGULATION MISSION AREA																				
Power Reactor Applications/Insp.(PE)	1400	15.9	1400	15.9																
Review of Std. Reactor Designs(PE)																				
Evolutionary Design(A)	1273	15.0																	1273	15.0
Passive Designs(A)		3.3																	0	3.3
EPRI Adv. Reactor Criteria(A)	200	11.0	200	11.0																
Advanced Non-LWR(A)																				
Section Supervision(A)		3.3		1.2																2.1
Total Program Element	1473	32.6	200	12.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1273	20.4
Rev. of Other-Than-Power Reactor(PE)																				
Review of Nonpower Reactors(A)	330	1.9			69	0.4													261	1.5
Review of DOD/DOE projects(A)	20	0.3																	20	0.3
Power Reactor Decommissioning(A)		1.1	0	1.1																
Section Supervision(A)		0.4		0.1		0.0														0.2
Total Program Element	350	3.7	0	1.2	69	0.4	0	0.0	0	0.0	0	0	0	0	0	0	0	0.0	281	2.0
Rev. of Reactor License Renewal(PE)	1408	14.7	1408	14.7																
Reactor Performance Eval.(PE)	718	33.6	718	33.6																
Eval of Lic. Perf./Maint.(PE)	700	33.7	700	33.7																
Reactor Accident Mgmt. Eval.(PE)	1000	11.3	1000	11.3																
Human Performance Eval.(PE)	0	3.2	650	3.2																
Lic./Exam. of Reactor Operators(PE)	[illegible]	51.8	6010	48.8	50	0.6													190	2.4

ALLOCATION OF NRC'S FY 1991 BUDGET BY MAJOR CLASS OF LICENSEE

MAJOR CLASS OF LICENSEE

Programs(P), Program Elements(PE) and Activities(A)	Total**		Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants		Costs Allocated By Policy Decisions	
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
Resident Inspectors(PE)		190.7		190.7																
Region-Based Inspections(PE)																				
Power Reactors Insp.(A)	3913	175.7	3913	175.7																
Nonpower Reactors Insp.(A)		4.6			0	1.0														3.6
Lab/Tech. Support(A)	810	10.6	810	10.6																
Allegation Followup(A)		13.9	0	13.9																
Safeguards RERs(A)	435	6.4	435	6.4																
EP Inspections(A)		11.4	0	11.4																
EP Assessments(A)	550	1.6	550	1.6																
Safguards Inspections(A)		21.9	0	21.9																
Section Supervision(A)		33.4	0	32.8	0	0.1												0.0		0.5
Total Program Element	5708	279.5	5708	274.3	0	1.1	0	0.0	0	0.0	0	0	0	0	0	0	0	0.0	0	4.1
Specialized Inspections(PE)	3117	65.6	3117	65.6																
Project Management(PE)		133.4		133.4																
Safety Eval. of Lic. Actions(PE)	9191	127.7	9191	127.7																
Regulatory Improvements(PE)	335	17.8	335	17.8																
RSSR MISSION AREA TOTAL	32300	1015.2	30437	984.1	119	2.2	0	0	0	0	0	0	0	0	0	0	0	0.0	1744	28.9
FEE AMOUNT ($, M)		236.2		228.1		0.6		0.0		0.0		0.0		0.0		0.0		0.0		7.5

ALLOCATION OF NRC'S FY 1991 BUDGET BY MAJOR CLASS OF LICENSEE

MAJOR CLASS OF LICENSEE

Programs(P), Program Elements(PE) and Activities(A)	Total**		Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants		Costs Allocated By Policy Decisions	
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
NUCLEAR SAFETY RESEARCH MISSION AREA																				
Integrity of Reactor Component(P)	27230	21.5	27230	21.5																
Prevent Damages to Reactor Cores(P)	21675	32.0	21675	32.0																
Reactor Containment Performance(P)	17330	12.0	17330	12.0																
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Fuel Cycle/Transp/Safeguards(PE)																				
Fuel Cycle(A)	775	2.0	581	1.5					194	0.5										
Transportation(A)	150	1.0											150	1.0						
Safeguards(A)	100	1.0	50	0.5			50	0.5												
Total Program Element	1025	4.0	631	2.0	0	0.0	50	0.5	194	0.5	0	0.0	150	1.0	0	0.0	0	0.0	0	0.0
Rev. and Improving Regs.(PE)	5065	15.0	5065	15.0																
Severe Accident Impl.(PE)	2669	10.0	2669	10.1																

ALLOCATION OF NRC'S FY 1991 BUDGET BY MAJOR CLASS OF LICENSEE

03-Apr-91

Programs(P), Program Elements(PE) and Activities(A)	Total**		MAJOR CLASS OF LICENSEE																Costs Allocated By Policy Decisions	
			Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants			
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
Rad. Protection/Health Effects(PE)																				
Rad Protection Issues(A)	625	2.0	469	1.5							156	0.5								
Health Effects Research(A)	950	2.0	713	1.5							238	0.5								
Rad Rules/Reg. Guidance(A)	1000	1.0	750	0.8							250	0.3								
Enviro Policy/Decomm.(A)	2025	6.0	1519	4.<			101	0.3			405	1.2								
Total Program Element	4600	11.0	3450	8.3	0	0.0	101	0.3	0	0.<	1049	2.5	0	0.0	0	0.0	0	0.0	0	0.0
NSR MISSION AREA TOTAL	87900	148.1	83055	134.9	0	0.0	151	0.8	194	0.5	1049	2.5	150	1.0	0	0.0	0	0	3301	8.5
FEE AMOUNT ($, M)		117.7		110.1		0.0		0.3		0.3		1.5		0.4		0.0		0.0		5.0

MAJOR CLASS OF LICENSEE

Programs(P), Program Elements(PE) and Activities(A)	Total**		Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants		Costs Allocated By Policy Decisions	
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
NUCLEAR MATERIAL & LOW LEVEL WASTE SAFETY & SAFEGUARDS REGULATION MISSION AREA																				
Fuel Fac./Spent Fuel Lic./Insp.(PE)																				
Fuel Facility Licensing(A)	930	17.3					390	13.7											540	3.6
Fuel Facility Insp.(A)	1000	14.0					1000	14.0												
Spent Fuel Storage Lic./Insp.(A)	800	3.5							800	3.5										
Section Supervision(A)		4.3		0.0				3.4		0.4										0.4
Total Program Element	2730	39.1	0	0.0	0	0.0	1390	31.2	800	3.9	0	0	0	0	0	0	0	0.0	540	4.0
Lic./Insp. of Materials Users(PE)	2172	105.3									2154	104.4							18	0.9
Event Evaluation(PE)		16.8						3.4				13.4								
Transport of Nuclear Materials(PE)	680	21.9											680	21.9						
Safeguards Lic./Insp.(PE)																				
Fuel Fac. Safeguards Lic.(A)	575	7.7					455	6.5											120	1.2
Export Licensing(A)		2.7																		2.7
Fuel Fac. Safeguards Insp(A)	200	8.4					200	8.4												
Section Supervision(A)		2.4		0.0				1.9												0.5
Total Program Element	775	21.2	0	0.0	0	0.0	655	16.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	120	4.4

MAJOR CLASS OF LICENSEE

Programs(P), Program Elements(PE) and Activities(A)	Total**		Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants		Costs Allocated By Policy Decisions	
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
Threat & Event Assess./Internl.(PE)																				
Policy/Threat/Event Asses.(A)	430	7.4	430	7.4																
International Safeguards(A)		4.0																		4.0
Section Supervision(A)		1.4		0.9																0.5
Total Program Element	430	12.8	430	8.3	0	0.0	0	0.0	0	0.0	0	0	0	0	0	0	0	0	0	4.5
LW Disposal Lic./Insp.(PE)																				
LLW Regulation/Guidance Dev.(A)	563	5.8																	563	5.8
License Reviews for LLW fac.(A)	450	6.8															90	1.4	360	5.4
Provide Tech. Assist. To States(A)	100	1.8																	100	1.8
Dev./Imp. Inspections		3.4																	0	3.4
Section Supervision(A)		2.3																0.2		2.1
Total Program Element	1113	20.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	90	1.6	1023	18.5
Uranium Recovery Lic./Insp.(PE)																				
Uranium Recovery(A)	200	9.9													200	9.9				
UMTRCA Actions(A)	400	11.0																	400	11.0
Section Supervision(A)		1.4														0.7				0.7
Total Program Element	600	22.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0	0	0	200	10.6	0	0	400	11.7

ALLOCATION OF NRC'S FY 1991 BUDGET BY MAJOR CLASS OF LICENSEE

03-Apr-91

Program(P), Program Elements(PE) and Activities(A)	Total**		MAJOR CLASS OF LICENSEE																Costs Allocated By Policy Decisions	
			Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants			
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
Decommissioning(PE)																				
Power Reactor(A)	100	3.8	100	3.8																
Material and Fuel Facility(A)	1100	9.2					220	1.5			880	6.4								1.0
Section Supervision(A)		1.4		0.4				0.2				0.7								0.1
Total Program Element	1200	14.4	100	4.2	0	0.0	220	2.0	0	0.0	880	7.0	0	0	0	0	0	0	0	1.1
ALWSSR MISSION AREA TOTAL	9700	273.9	530	12.5	0	0.0	2265	53.4	800	3.9	3034	124.9	680	21.9	200	10.6	90	1.6	2101	45.2
FEE AMOUNT ($, M)		64.7		3.0		0.0		15.0		1.6		28.1		5.1		2.3		0.4		11.2

ALLOCATION OF NRC'S FY 1991 BUDGET BY MAJOR CLASS OF LICENSEE

03-Apr-91

Programs(P), Program Elements(PE) and Activities(A)	Total**		MAJOR CLASS OF LICENSEE: Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants		Costs Allocated By Policy Decisions	
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
SPECIAL AND INDEPENDENT REVIEWS, INVESTIGATIONS, AND ENFORCEMENT MISSION AREA																				
Diagnostic Evaluations(PE)	350	7.0	350	7.0																
Incident Investigations(PE)	50	3.0	50	3.0																
NRC Incident Response(PE)	2200	27.0	2200	27.0																
Operational Data Analysis(PE)	1973	25.0	1873	23.0							100	2.0								
Performance Indicators(PE)	960	4.0	980	4.0																
Oper. Data Collection/Dissem.(PE)	2147	5.0	2147	5.0																
SIRIE MISSION AREA TOTAL	7700	71.0	7600	69.0	0	0	0	0	0	0	100	2.0	0	0.0	0	0.0	0	0	0	0
FEE AMOUNT ($, M)		22.0		21.5		0.0		0.0				0.5		0.0		0.0		0.0		0.0
NUCLEAR SAFETY MANAGEMENT AND SUPPORT MISSION AREA																				
International Activities(PE)	310	22.0																	310	22
NSNS MISSION AREA TOTAL	310	22.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	310	22
FEE AMOUNT ($, M)		4.7		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		4.7

Programs(P), Program Elements(PE) and Activities(A)	Total**		MAJOR CLASS OF LICENSEE																Costs Allocated By Policy Decisions	
			Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants			
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
C TOTAL	137910	1530	121622	1201	119	2	2416	54	994	4	4183	129	830	23	200	11	90	2	7456	105
FEE AMOUNT ($, M)		445.3		362.8		0.6		13.3		1.5		30.2		5.4		2.3		0.4		28.4
Less Part 170 Fees		-79.5		-71.9		-0.1		-2.7		-0.4		-3.0		-0.6		-0.4		-0.4		0.0
Part 171 Annual Fee		365.8		290.9		0.5		10.6		1.5		27.2		4.8		1.9		0.0		28.4

* Direct Full Time Equivalents (FTE).

** Note that totals in some case may not equal to sum of components due to rounding.

NRC Form 8-C
(4-79)
NRCM 0240

COVER SHEET FOR CORRESPONDENCE

Use this Cover Sheet to Protect Originals of Multi-Page Correspondence.

TRANSPORTATION BASE ANNUAL FEES

Certificates of Compliance	
Spent fuel, HLW, and Pu-air packages	$71,500
Other packages	$11,000
Quality Assurance Programs	
Use only	$500
Fabrication and Use	$9,100

Calculation of Transportation Fees

The total transportation budgeted cost $4,830 K is to be obtained from two sources:

1. Holders of Certificates of Compliance (C. of C.)

2. Holders of approved QA Plans

The amount to be obtained from each source is to be based upon the proportion of staff resources (licensing and inspection) allocated to that activity in the FY 1991 budget.

Source	Percentage	Amount
Holders of CC	77%	$3,719 K
Holders of QA Plans	23%	$1,111 K
	Total	$4,830 K

The fee for each Certificate of Compliance is further based upon the number of Certificates issued and the purpose of certificate.

The fee for each holder of a QA plan is further based upon whether the approval authorizes fabrication of packages. If so, the holder is charged additionally for generic vendor inspection activities.

CALCULATION OF FEES
(Including Government Agencies)

I. The proportion of resources allocated in the FY 1991 budget is used to determine the dollar amount for each activity.

$4.8 M	=	C. of C.'s	+	QA
14.5 FTE	=	11.2 FTE	+	3.3 FTE
100%	=	77%	+	23%
$4,830 K	=	$3,719 K	+	$1,111 K

II. The fee for a Certificate of Compliance holder is based on staff allocation of approximately 48% to spent fuel, HLW and Pu-air packages and approximately 52% to other packages.

Fee = .48 x $3,719 K ÷ 25 = approx. $71,500 per C. of C. for spent fuel, HLW, and Pu-air packages

Fee = .52 x $3,719 K ÷ 176 = approx. $11,000 per C. of C. for other package types

III. The fee for QA Programs consists of two components: (1) fee for holding an approved QA plan (applies to all 373 holders of QA plans), and (2) fee for generic vendor inspection activities (applies only to the 106 holders of QA plans which authorize fabrication).

Total	=	Fabricators	+ Users
$1,111 K	=	(106) * Fee^1	+ (267 + 106) * Fee^2

(2.7 FTE/3.3 FTE) ($1,111 K) = (106) * Fee^1 B = $8.58 K

(0.6 FTE/3.3 FTE) ($1,111 K) = (373) * Fee^2 C = $0.54 K

Fee = $0.54 K or $500 for users

Fee = $8.58 K + 0.54 K = $9.12 K or $9,100 for fabricators

NUMBER OF CERTIFICATES AND QA PLANS

I. CERTIFICATES OF COMPLIANCE

	Non-Gov't	Gov't	Total
Spent fuel packages, HLW and Pu-air	16	9	25
Other package types	132	44	176

II. QUALITY ASSURANCE PROGRAMS

Authorize both fabrication and use	106
Authorize use only	267
TOTAL	373

FTE ALLOCATIONS FOR LICENSING AND INSPECTION (FY 1991 BUDGET)

I. CERTIFICATES OF COMPLIANCE	FTE With Gov't Agencies
New applications	5.3
Amendments, less DOT	5.0
Renewals	0.9
Totals	11.2

II. QUALITY ASSURANCE PROGRAMS	FTE
Issue QA Program approvals	0.6
Inspect fabrication	2.7
Total	3.3

Transportation
Cost Allocation by Mission Area
($000)

Mission Area	PTS	FTE
NSR		
Fuel Cycle/Trans.	$150	1.0
NMLWSSR		
Transport of Nuclear Materials	680	21.9
Total	$830	22.9

FTE = 22.9 x $200.9 = $4,600
PTS 830
$5,430 or $5,430
- 600 Part 170 Estimated Collections
$4,830

Programs(P), Program Elements(PE) and Activities(A)	Total**		MAJOR CLASS OF LICENSEES																Costs Allocated By Policy Decisions	
			Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants			
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
REACTOR SAFETY AND SAFEGUARDS REGULATION MISSION AREA																				
Power Reactor Applications/Insp.(PE)	1400	15.9	1400	15.9																
Review of Std. Reactor Designs(PE)																				
Evolutionary Design(A)	1273	15.0																	1273	15.0
Passive Designs(A)		3.3																	0	3.3
EPRI Adv. Reactor Criteria(A)	200	11.0	200	11.0																
Advanced Non-LWR(A)																				
Section Supervision(A)		3.3		1.2																2.1
Total Program Element	1473	32.6	200	12.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1273	20.4
Rev. of Other-Than-Power Reactor(PE)																				
Review of Nonpower Reactors(A)	330	1.9			69	0.4													261	1.5
Review of DOD/DOE projects(A)	20	0.3																	20	0.3
Power Reactor Decommissioning(A)		1.1	0	1.1																
Section Supervision(A)		0.4		0.1		0.0														0.2
Total Program Element	350	3.7	0	1.2	69	0.4	0	0.0	0	0.0	0	0	0	0	0	0	0	0.0	281	2.0
Rev. of Reactor License Renewal(PE)	1408	14.7	1408	14.7																
Reactor Performance Eval.(PE)	718	33.6	718	33.6																
Eval of Lic. Perf./Maint.(PE)	700	33.7	700	33.7																
Reactor Accident Mgmt. Eval.(PE)	1000	11.3	1000	11.3																
Human Performance Eval.(PE)	650	3.2	650	3.2																
Lic./Exam. of Reactor Operators(PE)	6250	51.8	6010	48.8	50	0.6													190	2.4

Programs(P), Program Elements(PE) and Activities(A)	Total**		MAJOR CLASS OF LICENSEE																Costs Allocated By Policy Decisions	
			Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants			
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
Resident Inspectors(PE)		190.7		190.7																
Region Based Inspections(PE)																				
Power Reactors Insp.(A)	3913	175.7	3913	175.7																
Non-power Reactors Insp.(A)		4.6			0	1.0														3.6
Lab/Tech. Support(A)	810	10.6	810	10.6																
Allegation Followup(A)		13.9	0	13.9																
Safeguards RERs(A)	435	6.4	435	6.4																
EP Inspections(A)		11.4	0	11.4																
EP Assessments(A)	550	1.6	550	1.6																
Safeguards Inspections(A)		21.9	0	21.9																
Section Supervision(A)		33.4	0	32.8	0	0.1												0.0		0.5
Total Program Element	5708	279.5	5708	274.3	0	1.1	0	0.0	0	0.0	0	0	0	0	0	0	0	0.0	0	4.1
Specialized Inspections(PE)	3117	65.6	3117	65.6																
Project Management(PE)		133.4		133.4																
Safety Eval. of Lic. Actions(PE)	9191	127.7	9191	127.7																
Regulatory Improvements(PE)	335	17.8	335	17.8																
RSSR MISSION AREA TOTAL	32350	1015.2	30437	984.1	119	2.2	0	0	0	0	0	0	0	0	0	0	0	0.0	1744	28.9
FEE AMOUNT ($, M)		236.2		228.1		0.6		0.0		0.0		0.0		0.0		0.0		0.0		7.5

MAJOR CLASS OF LICENSEE

Programs(P), Program Elements(PE) and Activities(A)	Total**		Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants		Costs Allocated By Policy Decisions	
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
NUCLEAR SAFETY RESEARCH MISSION AREA																				
Integrity of Reactor Component(P)	27230	21.5	27230	21.5																
Prevent Damages to Reactor Cores(P)	21675	32.0	21675	32.0																
Reactor Containment Performance(P)	17330	12.0	17330	12.0																
Confirm the Safety of LLW Disp.(P)	3301	8.5																	3301	8.5
Generic and USIs(PE)	3180	28.1	3180	28.1																
Standard and Advanced Reactors(PE)	1825	6.0	1825	6.0																
Fuel Cycle/Transp/Safeguards(PE)																				
Fuel Cycle(A)	775	2.0	581	1.5					194	0.5										
Transportation(A)	150	1.0											150	1.0						
Safeguards(A)	100	1.0	50	0.5			50	0.5												
Total Program Element	1025	4.0	631	2.0	0	0.0	50	0.5	194	0.5	0	0.0	150	1.0	0	0.0	0	0.0	0	0.0
Dev. and Improving Regs.(PE)	5065	15.0	5065	15.0																
Severe Accident Impl.(PE)	2669	10.0	2669	10.0																

Program(P), Program Elements(PE) and Activities(A)	Total**		MAJOR CLASS OF LICENSEE																Costs Allocated By Policy Decisions	
			Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants			
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
Rad. Protection/Health Effects(PE)																				
Rad Protection Issues(A)	625	2.0	469	1.5							156	0.5								
Health Effects Research(A)	950	2.0	713	1.5							238	0.5								
Rad Rules/Reg. Guidance(A)	1000	1.5	750	0.8							250	0.3								
Enviro Policy/Decom.(A)	2025	6.0	1519	4.5			101	0.3			405	1.2								
Total Program Element	4600	11.0	3450	8.3	0	0.0	101	0.3	0	0.0	1049	2.5	0	0.0	0	0.0	0	0.0	0	0.0
RSX SESSION AREA TOTAL	87900	148.1	83055	134.9	0	0.0	151	0.8	194	0.5	1049	2.5	150	1.0	0	0.0	0	0	3301	8.5
FEE AMOUNT ($, M)		117.7		110.1		0.0		0.3		0.3		1.5		0.4		0.0		0.0		5.0

MAJOR CLASS OF LICENSEE

Programs(P), Program Elements(PE) and Activities(A)	Total**		Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants		Costs Allocated By Policy Decisions	
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
NUCLEAR MATERIAL & LOW LEVEL WASTE SAFETY & SAFEGUAR... REGULATION MISSION AREA																				
Fuel Fac./Spent Fuel Lic./Insp.(PE)																				
Fuel Facility Licensing(A)	930	17.3					390	13.7											540	3.6
Fuel Facility Insp.(A)	1000	14.0					1000	14.0												
Spent Fuel Storage Lic./Insp.(A)	800	3.5							800	3.5										
Section Supervision(A)		4.3		0.0				3.4		0.4										0.4
Total Program Element	2730	39.1	0	0.0	0	0.0	1390	31.2	800	3.9	0	0	0	0	0	0	0	0.0	540	4.0
Lic./Insp. of Materials Users(PE)	2172	105.3									2154	104.4							18	0.9
Event Evaluation(PE)		16.8						3.4				13.4								
Transport of Nuclear Materials(PE)	680	21.9											680	21.9						
Safeguards Lic./Insp.(PE)																				
Fuel Fac. Safeguards Lic.(A)	575	7.7					455	6.5											120	1.2
Export Licensing(A)		2.7																		2.7
Fuel Fac. Safeguards Insp(A)	200	6.4					200	6.4												
Section Supervision(A)		2.4		0.0				1.9												0.5
Total Program Element	775	21.2	0	0.0	0	0.0	655	16.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	120	4.4

MAJOR CLASS OF LICENSEE

Programs(P), Program Elements(PE) and Activities(A)	Total**		Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants		Costs Allocated By Policy Decisions	
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
Threat & Event Assess./Interni.(PE)																				
Policy/Threat/Event Asses.(A)	430	7.4	430	7.4																
International Safeguards(A)		4.0																		4.0
Section Supervision(A)		1.4		0.9																0.5
Total Program Element	430	12.8	430	8.3	0	0.0	0	0.0	0	0.0	0	0	0	0	0	0	0	0	0	4.5
LLW Disposal Lic./Insp.(PE)																				
LLW Regulation/Guidance Dev.(A)	563	5.8																	563	5.8
License Reviews for LLW Fac.(A)	450	6.8															90	1.4	360	5.4
Provide Tech. Assist. To States(A)	100	1.8																	100	1.8
Dev./Imp. Inspections		3.4																	0	3.4
Sectic Supervision(A)		2.3																0.2		2.1
Total Program Element	1113	20.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	90	1.6	1023	18.5
Uranium Recovery Lic./Insp.(PE)																				
Uranium Recovery(A)	200	9.9													200	9.9				
UMTRCA Actions(A)	400	11.0																	400	11.0
Section Supervision(A)		1.4														0.7				0.7
Total Program Element	600	22.3	0	0.0	0	0.0	0	0.0	0	0.1	0	0	0	0	200	10.6	0	0	400	11.7

ALLOCATION OF NRC'S FY 1991 BUDGET BY MAJOR CLASS OF LICENSEE

03-Apr-91

Programs(P), Program Elements(PE) and Activities(A)	Total**		MAJOR CLASS OF LICENSEE																Costs Allocated By Policy Decisions	
			Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants			
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
Decommissioning(PE)																				
Power Reactor(A)	100	3.8	100	3.8																
Material and Fuel Facility(A)	1100	9.2					220	1.8			880	6.4								1.0
Section Supervision(A)		1.4		0.4				0.2				0.7								0.1
Total Program Element	1200	14.4	100	4.2	0	0.0	220	2.0	0	0.0	880	7.0	0	0	0	0	0	0	0	1.1
NMSS/WSSR MISSION AREA TOTAL	9700	273.9	530	12.5	0	0.0	2265	53.4	800	3.9	5054	124.9	680	21.9	200	10.6	90	1.6	2101	45.2
FEE AMOUNT ($, M)		64.7		3.0		0.0		13.0		1.6		28.1		5.1		2.3		0.4		11.2

ALLOCATION OF NRC'S FY 1991 BUDGET BY MAJOR CLASS OF LICENSEE

05-Apr-91

Programs(P), Program Elements(PE) and Activities(A)	Total**		MAJOR CLASS OF LICENSEE: Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants		Costs Allocated By Policy Sections	
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
SPECIAL AND INDEPENDENT REVIEWS, INVESTIGATIONS, AND ENFORCEMENT MISSION AREA																				
Diagnostic Evaluations(PE)	350	7.0	350	7.0																
Incident Investigations(PE)	50	3.0	50	3.0																
NRC Incident Response(PE)	2200	27.0	2200	27.0																
Operational Data Analysis(PE)	1973	25.0	1873	23.0							100	2.0								
Performance Indicators(PE)	980	4.0	980	4.0																
Oper. Data Collection/Dissem.(PE)	2147	5.0	2147	5.0																
SIRIE MISSION AREA TOTAL	7700	71.0	7600	69.0	0	0	0	0	0	0	100	2.0	0	0.0	0	0.0	0	0	0	0
FEE AMOUNT ($, M)		22.0		21.5		0.0		0.0				0.5		0.0		0.0		0.0		0.0
NUCLEAR SAFETY MANAGEMENT AND SUPPORT MISSION AREA																				
International Activities(PE)	310	22.0																	310	22
NSMS MISSION AREA TOTAL	310	22.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	310	22
FEE AMOUNT ($, M)		4.7		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		4.7

ALLOCATION OF NRC'S FY 1991 BUDGET BY MAJOR CLASS OF LICENSEE

05-Apr-91

Programs(P), Program Elements(PE) and Activities(A)	Total**		MAJOR CLASS OF LICENSEE														Costs Allocated By Policy Decisions	
			Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants			
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
NRC TOTAL	137910	1530	121622	1201	119	2	2416	54	994	4	4183	129	850	23	200	11	90	2	7456	105
FEE AMOUNT ($, M)		445.3		362.8		0.6		13.3		1.5		30.2		5.4		2.3		0.4		28.4
Less Part 170 Fees		-79.5		-71.9		-0.1		-2.7		-0.4		-3.0		-0.6		-0.4		-0.4		0.0
Part 171 Annual Fee		365.8		290.9		0.5		10.6		1.5		27.2		4.8		1.9		0.0		28.4

* Direct Full Time Equivalents (FTE).

** Note that totals in some case may not equal to sum of components d e to rounding.

SCHEDULE OF MATERIALS ANNUAL FEES

AND FEES FOR FEDERAL AGENCIES LICENSED BY NRC

(See footnotes at end of table)

Category of materials licenses	Annual Fees[1, 2, 3]
1. Special nuclear material:	
C. Licenses for possession and use of special nuclear material in sealed sources contained in devices used in industrial measuring systems, including x-ray fluorescence analyzers.	$1,100
D. All other special nuclear material licenses, except licenses authorizing special nuclear material in unsealed form in combination that would constitute a critical quantity, as defined in § 150.11 of this chapter, for which the licensee shall pay the same fees as those for Category 1.A.(2).	$1,600

2. Source material:

B. Licenses for possession and use of source material for shielding. $300

C. All other source material licenses. $2,000

3. Byproduct material:

A. Licenses of broad scope for possession and use of byproduct material issued pursuant to Parts 30 and 33 of this chapter for processing or manufacturing of items containing byproduct material for commercial distribution. $6,400

B. Other licenses for possession and use of byproduct material issued pursuant to Part 30 of this chapter for processing or manufacturing of items containing byproduct material for commercial distribution. $3,100

C. Licenses issued pursuant to §§ 32.72, 32.73, and/or 32.74 of Part 32 of this chapter authorizing the processing or manufacturing and distribution or redistribution of radiopharmaceuticals, generators, reagent kits and/or sources and devices containing byproduct material. $7,400

D. Licenses and approvals issued pursuant to §§ 32.72, 32.73, and/or 32.74 of Part 32 or this chapter authorizing distribution or redistribution of radiophar- $2,700

maceuticals, generators, reagent kits and/or sources or devices not involving processing of byproduct material.

E.	Licenses for possession and use of byproduct material in sealed sources for irradiation of materials in which the source is not removed from its shield (self-shielded units).	$1,300
F.	Licenses for possession and use of less than 10,000 curies of byproduct material in sealed sources for irradiation of materials in which the source is exposed for irradiation purposes.	$2,600
G.	Licenses for possession and use of 10,000 curies or more of byproduct material in sealed sources for irradiation of materials in which the source is exposed for irradiation purposes.	$10,900
H.	Licenses issued pursuant to Subpart A of Part 32 of this chapter to distribute items containing byproduct material that	$4,400

require device review to persons exempt from the licensing requirements of Part 30 of this chapter, except specific licenses authorizing redistribution of items that have been authorized for distribution to persons exempt from the licensing requirements of Part 30 of this chapter.

I.	Licenses issued pursuant to Subpart A of Part 32 of this chapter to distribute items containing byproduct material or quantities of byproduct material that do not require device evaluation to persons exempt from the licensing requirements of Part 30 of this chapter, except for specific licenses authorizing redistribution of items that have been authorized for distribution to persons exempt from the licensing requirements of Part 30 of this chapter.	$5,200
J.	Licenses issued pursuant to Subpart B of Part 32 of this chapter to distribute items containing byproduct material that require sealed source and/or device review to persons generally licensed	$5,100

under Part 31 of this chapter, except specific licenses authorizing redistribution of items that have been authorized for distribution to persons generally licensed under Part 31 of this chapter.

K.	Licenses issued pursuant to Subpart B of Part 31 of this chapter to distribute items containing byproduct material or quantities of byproduct material that do not require sealed source and/or device review to persons generally licensed under Part 31 of this chapter, except specific licenses authorizing redistribution of items that have been authorized for distribution to persons generally licensed under Part 31 of this chapter.	$4,100
L.	Licenses of broad scope for possession and use of byproduct material issued pursuant to Part 30 and 33 of this chapter for research and development that do not authorize commercial distribution.	$4,900

M. Other licenses for possession and use of byproduct material issued pursuant to Part 30 of this chapter for research and development that do not authorize commercial distribution. $2,600

N. Licenses that authorize services for other licenses, except (1) licenses that authorize calibration and/or leak testing services only are subject to the fees specified in fee Category 3P, and (2) licenses that authorize waste disposal services are subject to the fees specified in fee Categories 4A, 4B, and 4C. $3,000

O. Licenses for possession and use of byproduct material issued pursuant to Part 34 of this chapter for industrial radiography operations. $8,000

P. All other specific byproduct material licenses, except those in Categories 4A through 9D. $1,400

4. Waste disposal and processing:

A.	Licenses specifically authorizing the receipt of waste byproduct material, source material or special nuclear material from other persons for the purpose of commercial disposal by land disposal by the licensee; or licenses authorizing contingency storage of low level radioactive waste or licenses for treatment of disposal, packaging of residues, and transfer of packages to another person authorized to receive or dispose of waste material.	$57,800
B.	Licenses specifically authorizing the receipt of waste byproduct material, source material, or special nuclear material from other persons for the purpose of packaging or repackaging the material. The licensee will dispose of the material by transfer to another person authorized to receive or dispose of the material.	$9,400
C.	Licenses specifically authorizing the	$5,200

.eceipt of prepackaged waste product material, source materia., or special nuclear material from other persons. The licensee will dispose of the material by transfer to another person authorized to receive or dispose of the material.

5. Well logging:

A.	Licenses for possession and use of byproduct material, source material, and/or spec al nuc'ear material or well logging, well surveys, and tracer studies other than field flooding tracer studies.	$7,000
B.	Licenses for possession and use of byproduct material for field flooding tracer studies.	$10,200

6. 'Nuclear laundries:

A.	Licenses for commercial collection and laundry of items contaminated with byproduct material, source material, or special nuclear material.	$3,400

7. Human use of byproduct, source, or special nuclear material.

A.	Licenses issued pursuant to Parts 30, 35, 40, and 70 of this chapter for human use of byproduct material, source material, or special nuclear material in sealed sources contained in teletherapy devices.	$9,700
B.	Licenses of broad scope issued to medical institutions or two or more physicians pursuant to Parts 30, 33, 35, 40 and 70 of this chapter authorizing research and development, including human use of byproduct material, except licenses for byproduct material, source material, or special nuclear material in sealed sources contained in teletherapy devices.	$8,500
C.	Other licenses issued pursuant to Parts 30, 35, 40, and 70 of this chapter for human use of byproduct material, source material, and/or special nuclear material, except	$3,400

licenses for byproduct material, source material, or special nuclear material in sealed sources contained in teletherapy devices.

8. Civil defense:

A. Licenses for possession and use of byproduct material, source material, or special nuclear material for civil defense activities. $1,300

9. Device, product or sealed source safety evaluation:

A. Registrations issued for the safety evaluation of devices or products containing byproduct material, source material, or special nuclear material, except reactor fuel devices, for commercial distribution. $6,300

B. Registrations issued for the safety evaluation of devices or products containing byproduct material, source material, or special nuclear material manufactured in accordance with the $3,100

unique specifications of, and for use by a single applicant, except reactor fuel devices.

C. Registrations issued for the safety evaluation of sealed sources containing byproduct material, source material, or special nuclear material, except reactor fuel, for commercial distribution. $1,300

D. Registrations issued for the safety evaluation of sealed sources containing byproduct material, source material, or special nuclear material, manufactured in accordance with the unique specifications of, and for use by a single applicant, except reactor fuel. $670

License Fee Category	(6) Part 171 Base Fee/Lic.($) General	(7) Part 171 Base Fee/Lic.($) Unique	(8) Part 171 Base Fee/Lic.($) Total	Rounded Base Fee	(9) Surcharge	(10) Total Annual Fee
SPECIAL NUCLEAR MATERIAL:						
1C. Industrial Gages	1141		1141	$ 1,100		1141
1D. All Other SNM	1588		1588	1600	567	2156
SOURCE MATERIAL:						
2B. Shielding	296		296	300		296
2C. Other Source Materials	2030		2030	2,000	567	2597
BYPRODUCT MATERIAL:						
3A. Manufacturing - Broad	6378		6378	6,400	567	6945
3B. Manufacturing - Other	3073		3073	3,100	567	3640
3C. Radiopharmaceuticals - Manuf./Process	7381		7381	7,400	567	7948
3D. Radiopharmaceuticals - No Manuf./Process	2680		2680	2,700		2680
3E. Irradiators - Self-Shield	1260		1260	1,300		1260
3F. Irradiators - < 10,000 Ci	2583		2583	2,600		2583
3G. Irradiators - > 10,000 Ci	10903		10903	10,900		10903
3H. Exempt Distribution - Device Review	4356		4356	4400		4356
3I. Exempt Distribution - No Device Review	5232		5232	5,200		[illegible]
3J. Gen. License - Device Review	5144		5144	5,100		[illegible]
3K. Gen. License - No Device Review	4051		4051	4,100		4051
3L. R&D - Broad	4926		4926	4,900	567	5493
3M. R&D - Other	2551		2551	2,600	567	3118
3N. Service License	2978		2978	3,000	567	3545
3O. Radiography	7990		7990	8,000		7990
3P. All Other Byproduct Materials	1406		1406	1,400		1406

License Fee Category	(5) Part 171 Base Fee/Lic.($) General	(7) Part 171 Base Fee/Lic.($) Unique	(8) Part 171 Base Fee/Lic.($) Total	Rounded Base Fee	(9) Surcharge	(10) Total Annual Fee
WASTE DISPOSAL AND PROCESSING:						
4A. Waste Disposal*	57762		57762	57,800	567	58329
4B. Waste Receipt/Packaging	9386		9386	9400	567	9953
4C. Waste Receipt - Prepackaged	5175		5175	5200	567	5742
WELL LOGGING:						
5A. Well Logging	7012		7012	7,000		7012
5B. Field Flooding Tracers Studies*	10189		10189	10,200	567	10756
NUCLEAR LAUNDRY:						
6A. Nuclear Laundry	3385		3385	3,400	567	3953
HUMAN USE OF BYPRODUCT, SOURCE, OR SNM:						
7A. Teletherapy	8712	1011	9723	9,700		9723
7B. Medical - Broad	7461	1011	8471	8,500	567	9039
7C. Medical Other	2371	1011	3381	3,400	567	3948
CIVIL DEFENSE:						
8A. Civil Defense	1296		1296	1,300		1296
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DEVICE, PRODUCT, OR SEALED SOURCE SAFETY EVALU						

License Fee Category	(6) Part 171 Base Fee/Lic.($) General	(7) Part 171 Base Fee/Lic.($) Unique	(8) Part 171 Base Fee/Lic.($) Total	Rounded Base Fee	(9) Surcharge	(10) Total Annual Fee
9A. Device/Product Safety Evaluation - Broad	6258		6258	$6,300		6258
9B. Device/Product Safety Evaluation - Other	3129		3129	3,100		3129
9C. Sealed Sources Safety Evaluation - Broad	1324		1324	1,300		1324
9D. Sealed Sources Safety Evaluation - Other	674		674	670		674
SUBTOTAL						
SPECIAL TYPE OF LICENSES						
Navy & Air Force Broad	200000		200000	20,000	8000	208000

License Fee Category	(1) Number of Licensees	(2) Part 170 Fees($) Appl.	(3) Part 170 Fees($) Insp.	(4) Insp. Prior.	(5) Calc. of Multiple	(6) Part 171 Base Fee/Lic.($) General	(7) Part 171 Base Fee/Lic.($) Unique	(8) Part 171 Base Fee/Lic.($) Total	(9) Surcharge	(10) Total Annual Fee	(11) Total Collections Base Fee ($,K)	(12) Total Collections Total ($,K)
SPECIAL NUCLEAR MATERIAL:												
1C. Industrial Gages	53	400	370	5	25122	1141		1141		1141	60	60
1D. All Other SNM	102	550	550	5	67320	1588		1588	567	2156	162	220
SOURCE MATERIAL:												
2B. Shielding	7	90	230	7	860	296		296		296	2	2
2C. Other Source Materials	233	630	640	3	196497	2030		2030	567	2597	473	605
BYPRODUCT MATERIAL:												
3A. Manufacturing - Broad	23	1800	1700	2	60950	6378		6378	567	6945	147	160
3B. Manufacturing - Other	123	1000	830	3	157030	3073		3073	567	3640	378	448
3C. Radiopharmaceuticals - Manuf./Process	48	2700	1100	3	147200	7381		7381	567	7948	354	381
3D. Radiopharmaceuticals - No Manuf./Process	20	900	640	3	22267	2680		2680		2680	54	54
3E. Irradiators - Self-Shield	13	400	370	3	72743	1260		1260		1260	175	175
3F. Irradiators - < 10,000 Ci	10	920	460	3	10733	2583		2583		2583	26	26
3G. Irradiators - > 10,000 Ci	16	3700	830	1	72480	10903		10903		10903	174	174
3H. Exempt Distribution - Device Review	4/	1700	550	5	72400	4356		4356		4356	174	174
3I. Exempt Distribution - No Device Review	95	2100	370	5	206530	5232		5232		5232	497	497
3J. Gen. License - Device Review	39	2000	550	4	83363	5144		5144		5144	201	201
3K. Gen. License - No Device Review	27	1500	550	3	45450	4051		4051		4051	109	109
3L. R&D - Broad	113	1800	740	3	231273	4926		4926	567	5493	557	621
3M. R&D - Other	387	900	640	4	410220	2551		2551	567	3118	987	1207
3N. Service License	97	1100	550	4	120038	2978		2978	567	3545	289	344
3O. Radiography	250	2400	920	1	830000	7990		7990		7990	1998	1998
3P. All Other Byproduct Materials	3409	400	920	5	1990856	1406		1406		1406	4791	4791

License Fee Category	(1) Number of Licenses	(2) Part 170 Fees($) Appl.	(3) Part 170 Fees($) Insp.	(4) Insp. Prior.	(5) Calc. of Multiple	(6) Part 171 Base Fee/Lic.($) General	(7) Part 171 Base Fee/Lic.($) Unique	(8) Part 171 Base Fee/Lic.($) Total	(9) Surcharge	(10) Total Annual Fee	(11) Total Collections Base Fee ($,K)	(12) Total Collections Total ($,K)
WASTE DISPOSAL AND PROCESSING:												
4A. Waste Disposal*	2	20000	4000	1	48000	57762		57762	567	58329	116	117
4B. Waste Receipt/Packaging	12	2200	1700	1	44800	9386		9386	567	9953	113	119
4C. Waste Receipt - Prepackaged	7	1500	1300	2	15050	5175		5175	567	5742	36	40
WELL LOGGING:												
5A. W[illegible] Logging	98	2700	640	3	285507	7012		7012		7012	687	687
5B. Fl[illegible] Flooding Tracers Studies*	2	4050	550	3	8467	10189		10189	567	10756	20	22
NUCLEAR LAUNDRY:												
6A. Nuclear Laundry	6	1100	920	3	8440	3385		3385	567	3953	20	24
HUMAN USE OF BYPRODUCT, SOURCE, OR SNM:												
7A. Teletherapy	208	2700	920	1	752960	8712	1011	9723		9723	2022	2022
7B. Medical - Broad	119	1800	1300	1	366900	7461	1011	8471	567	9039	1008	1076
7C. Medical Other	2048	570	830	2	2017280	2371	1011	3381	567	3948	6925	8086
CIVIL DEFENSE:												
8A. Civil Defense	33	460	550	7	17773	1296		1296		1296	43	43
DEVICE, PRODUCT, OR SEALED SOURCE SAFETY EVALUATION												

License Fee Category	(1) Number of Licensees	(2) Part 170 Fees($) Appl.	(3) Part 170 Fees($) Insp.	(4) Insp. Prior.	(5) Calc. of Multiple	(6) Part 171 Base Fee/Lic.($) General	(7) Part 171 Base Fee/Lic.($) Unique	(8) Part 171 Base Fee/Lic.($) Total	(9) Surcharge	(10) Total Annual Fee	(11) Total Collections Base Fee ($,K)	(12) Total Collections Total ($,K)
9A. Device/Product Safety Evaluation - Broad	560	2600		7	1456000	6258		6258		[illegible]	3504	3504
9B. Device/Product Safety Evaluation - Other	74	1300		7	96200	3129		3129		3129	232	232
9C. Sealed Sources Safety Evaluation - Broad	337	550		7	185350	1324		1324		1324	446	446
9D. Sealed Sources Safety Evaluation - Other	29	280		7	8120	674		674		674	20	20
SUBTOTAL	8766				138178						26800	28614
SPECIAL TYPE OF LICENSES												
Navy & Air Force Broad	2					200000		200000	8000	208000	400	416
TOTAL											27200	29100

* Part 170 application and inspection fees based on budgeted labor rate.

License Fee Category	(1) Number of Licensees	(2) Part 170 Fees($) Appl.	(3) Part 170 Fees($) Insp.	(4) Insp. Prior.	(5) Calc. of Multiple	(6) Part 171 Base Fee/Lic.($) General	(7) Part 171 Base Fee/Lic.($) Unique	(8) Part 171 Base Fee/Lic.($) Total	(9) Surcharge	(10) Total Annual Fee	(11) Total Collections Base Fee ($,K)	(12) Total Collections Total ($,K)
ANNUAL FEE MULTIPLIER = 24400/ 10138 = 2.4												

COL (5) = COL (1) * [COL (2) + COL (3)/COL (4)]

COL (6) = MULTIPLIER * [COL(2) + COL (3)/COL (4)]

COL (7) = (UNIQUE COSTS) / (NO. OF APPLICABLE LICENSES)

COL (8) = COL (6) + COL(7)

COL (9) = LLW SURCHARGE = (1900000-16000)/ 3322 = 567

COL (10) = COL (8) + COL(9)

COL (11) = [COL (1) * COL (8)] /1000

COL (12) = [COL (1) * COL (10)] /1000

Count of Licenses By Category
SUBJECT TO FEE Under Proposed Rule
(Each cat. assigned is counted)
3/18/91

	Currently Sub. to Fee	Federals	States & other Current exemptions (except Educational)	Total
1A	20	7	0	27
1B	4	0	0	4
1C	46	3	4	53
1D	82	19	1	102
2A	35	1	0	36
2B	7	0	0	7
2C	109	32	92	233
3A	21	2	0	23
3B	123	0	0	123
3C	48	0	0	48
3D	20	0	0	20
3E	122	14	3	139
3F	3	6	1	10
3G	13	3	0	16
3H	40	0	0	40
3I	95	0	0	95
3J	39	0	0	39
3K	27	0	0	27
3L	79	30	4	113
3M	327	54	6	387
3N	96	0	1	97
3O	243	6	1	250
3P	2797	234	378	3409
4A	3	0	0	3
4B	11	1	0	12
4C	7	0	0	7
5A	89	7	2	98
5B	2	0	0	2
6A	6	0	0	6
7A	159	14	33	206
7B	42	55	22	119
7C	1623	98	327	2048
8A	0	3	30	33
13	4	0	0	4
14	12	0	0	12
	6354	589	907	7850

ALLOCATION OF FY 1991 BUDGET TO MATERIAL USERS BASE FEES[1/]

	Total		Allocated to Materials Users	
	Program Support $,K	FTE	Program Support $,K	FTE
NUCLEAR SAFETY RESEARCH MISSION AREA				
Radiation Protection/Health Effects	$4600	11.0	$1049	2.5
NUCLEAR MATERIAL & LOW LEVEL WASTE SAFETY & SAFEGUARDS REGULATION				
Licensing Inspection of Materials Users	2172	105.3	2154	104.4
Event Evaluation		16.8		13.4
Decommissioning	1200	14.4	880	7.0
NMLLWSSR MISSION AREA TOTAL	$3372	136.5	$3034	124.8
SPECIAL AND INDEPENDENT REVIEWS, INVESTIGATIONS, AND ENFORCEMENT				
Operational Data Analysis(PE)	$1073	25	$100	2.0
TOTAL			$4,183	129.3
BASE AMOUNT ALLOCATED TO MATERIALS USERS ($,M)			$30.2 million[2/]	
LESS PART 170 MATERIAL USERS FEES			$ -3.0 million	
PART 171 BASE FEES FOR MATERIAL USERS			$27.2 million	

1/ Base annual fee includes all costs attributable to the materials class of licensees. The base fee does not include costs allocated to materials licensees for policy reasons.

2/ Amount is obtained by multiplying the direct FTE times the rate per FTE and adding the program support funds.

ALLOCATION OF NRC'S FY 1991 BUDGET BY MAJOR CLASS OF LICENSEE

03-Apr-91

Program(P), Program Elements(PE) and Activities(A)	Total**		MAJOR CLASS OF LICENSEE																Cents Allocated By Policy Decisions	
			Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants			
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
REACTOR SAFETY AND SAFEGUARDS REGULATION MISSION AREA																				
Power Reactor Applications/Insp.(PE)	1400	15.9	1400	15.9																
Review of Std. Reactor Designs(PE)																				
Evolutionary Design(A)	1273	15.0																	1273	15.0
Passive Designs(A)		3.3																	0	3.3
EPRI Adv. Reactor Criteria(A)	200	11.0	200	11.0																
Advanced Non-LWR(A)																				
Section Supervision(A)		3.3		1.2																2.1
Total Program Element	1473	32.6	200	12.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1273	20.4
Rev. of Other-Than-Power Reactor(PE)																				
Review of Nonpower Reactors(A)	330	1.9			69	0.4													261	1.5
Review of DOD/DOE projects(A)	20	0.3																	20	0.3
Power Reactor Decommissioning(A)		1.1	0	1.1																
Section Supervision(A)		0.4		0.1		0.0														0.2
Total Program Element	350	3.7	0	1.2	69	0.4	0	0.3	0	0.0	0	0	0	0	0	0	0	0.0	281	2.0
Rev. of Reactor License Renewal(PE)	1408	14.7	1408	14.7																
Reactor Performance Eval.(PE)	718	33.6	718	33.6																
Eval of Lic. Perf./Maint.(PE)	700	33.7	700	33.7																
Reactor Accident Mgmt. Eval.(PE)	1000	11.3	1000	11.3																
Human Performance Eval.(PE)	650	3.2	650	3.2																
Lic./Exam. of Reactor Operators(PE)	6253	51.8	6010	48.8	50	0.6													190	2.4

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			Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants			
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
Resident Inspectors(PE)		190.7		190.7																
Region-Based Inspections(PE)																				
Power Reactors Insp.(A)	3913	175.7	3913	175.7																
Nonpower Reactors Insp.(A)		4.6			0	1.0														3.6
Lab/Tech. Support(A)	810	10.6	810	10.6																
Allegation Followup(A)		13.9	0	13.9																
Safeguards RERs(A)	435	6.4	435	6.4																
EP Inspections(A)		11.4	0	11.4																
EP Assessments(A)	550	1.6	550	1.6																
Safeguards Inspections(A)		21.9	0	21.9																
Section Supervision(A)		33.4	0	32.8	0	0.1												0.0		0.5
Total Program Element	5708	279.5	5708	274.3	0	1.1	0	0.0	0	0.0	0	0	0	0	0	0	0	0.0	0	4.1
Specialized Inspect[illegible] (PE)	3117	65.6	3117	65.6																
Project Management(PE)		133.4		133.4																
Safety Eval. of Lic. Actions(PE)	9191	127.7	9191	127.7																
Regulatory Improvements(PE)	335	17.8	335	17.8																
RSSR MISSION AREA TOTAL	32300	1015.2	30437	984.1	119	2.2	0	0	0	0	0	0	0	0	0	0	0	0.0	1744	28.9
FEE AMOUNT ($, M)		256.2		228.1		0.6		0.0		0.0		0.0		0.0		0.0		0.0		7.5

ALLOCATION OF NRC'S FY 1991 BUDGET BY MAJOR CLASS OF LICENSEE

03-Apr-91

Programs(P), Program Elements(PE) and Activities(A)	Total** $,K	Total** FTE*	Power Reactor $,K	Power Reactor FTE*	Non-Power $,K	Non-Power FTE*	Fuel Facility $,K	Fuel Facility FTE*	Spent Fuel Storage $,K	Spent Fuel Storage FTE*	Materials $,K	Materials FTE*	Transportation $,K	Transportation FTE*	Uranium Recovery $,K	Uranium Recovery FTE*	Other Applicants $,K	Other Applicants FTE*	Costs Allocated By Policy Decisions $,K	Costs Allocated By Policy Decisions FTE*
NUCLEAR SAFETY RESEARCH MISSION AREA																				
Integrity of Reactor Component(P)	27230	21.5	27230	21.5																
Prevent Damage to Reactor Cores(P)	21675	32.0	21675	32.0																
Reactor Containment Performance(P)	17330	12.0	17330	12.0																
Confirm the Safety of LLW Disp.(P)	3301	8.5																	3301	8.5
Generic and USIs(PE)	3180	28.1	3180	28.1																
Standard and Advanced Reactors(PE)	1825	6.0	1825	6.0																
Fuel Cycle/Transp/Safeguards(PE)																				
Fuel Cycle(A)	775	2.0	581	1.5					194	0.5										
Transportation(A)	150	1.0											150	1.0						
Safeguards(A)	100	1.0	50	0.5			50	0.5												
Total Program Element	1025	4.0	631	2.0	0	0.0	50	0.5	194	0.5	0	0.0	150	1.0	0	0.0	0	0.0	0	0.0
Rev. and Improving Regs.(PE)	5065	15.0	5065	15.0																
Severe Accident Impl.(PE)	2669	10.0	2669	10.0																

ALLOCATION OF NRC'S FY 1991 BUDGET BY MAJOR CLASS OF LICENSEE

03-Apr-91

Programs(P), Program Elements(PE) and Activities(A)	Total**		MAJOR CLASS OF LICENSEE: Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants		Costs Allocated By Policy Decisions	
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
Rad. Protection/Health Effects(PE)																				
Rad Protection Issues(A)	625	2.0	469	1.5							156	0.5								
Health Effects Research(A)	950	2.0	713	1.5							238	0.5								
Rad Rules/Reg. Guidance(A)	1000	1.0	750	0.8							250	0.2								
Enviro Policy/Decomm.(A)	2025	6.0	1519	4.5			101	0.3			405	1.2								
Total Program Element	4600	11.0	3450	8.3	0	0.0	101	0.3	0	0.0	1049	2.5	0	0.0	0	0.0	0	0.0	0	0.0
RSR MISSION AREA TOTAL	87900	148.1	83055	134.9	0	0.0	151	0.8	196	0.7	1049	2.5	150	1.0	0	0.0	0	0	3301	8.5
FEE AMOUNT ($, K)		117.7		110.1		0.0		0.3		0.3		1.5		0.4		0.0		0.0		5.0

ALLOCATION OF NRC'S FY 199. BUDGET BY MAJOR CLASS OF LICENSEE

Programs(P), Program Elements(PE) and Activities(A)	Total**		MAJOR CLASS OF LICENSEE: Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportati.		Uranium Recovery		Other Applicants		Costs Allocated By Policy Decisions	
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
NUCLEAR MATERIAL & LOW LEVEL WASTE SAFETY & SAFEGUARDS REGULATION MISSION AREA																				
Fuel Fac./Spent Fuel Lic./Insp.(PE)																				
Fuel Facility Licensing(A)	930	17.3					390	13.7											540	3.6
Fuel Facility Insp.(A)	1000	14.0					1000	14.0												
Spent Fuel Storage Lic./Insp.(A)	800	3.5							800	3.5										
Section Supervision(A)		4.3		0.0				3.4		0.4										0.4
Total Program Element	2730	39.1	0	0.0	0	0.0	1390	31.2	800	3.9	0	0	0	0	0	0	0	0.0	540	4.0
Lic./Insp. of Materials Users(PE)	2172	105.3									2154	104.4							18	0.9
Event Evaluation(PE)		16.8						3.4				13.4								
Transport of Nuclear Materials(PE)	680	21.9											680	21.9						
Safeguards Lic./Insp.(PE)																				
Fuel Fac. Safeguards Lic.(A)	575	2.7					455	6.5											120	1.2
Export Licensing(A)		2.7																		2.7
Fuel Fac. Safeguards Insp(A)	200	8.4					200	8.4												
Section Supervision(A)		2.4		0.0				1.9												0.5
Total Program Element	775	21.2	0	0.0	0	0.0	655	16.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	120	4.4

MAJOR CLASS OF LICENSEE

Programs(P), Program Elements(PE) and Activities(A)	Total**		Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants		Costs Allocated By Policy Decisions	
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
Threat & Event Assess./Intern.(PE)																				
Policy/Threat/Event Asses.(A)	430	7.4	430	7.4																
International Safeguards(A)		4.0																		4.0
Section Supervision(A)		1.4		0.9																0.5
Total Program Element	430	12.8	430	8.3	0	0.0	0	0.0	0	0.0	0	0	0	0	0	0	0	0	0	4.5
LLW Disposal Lic./Insp.(PE)																				
LLW Regulation/Guidance Dev.(A)	563	5.8																	563	5.8
License Reviews for LLW Fac.(A)	450	6.8															90	1.4	360	5.4
Provide Tech. Assist. To States(A)	100	1.8																	100	1.8
Dev./Imp. Inspections		3.4																	0	3.4
Section Supervision(A)		2.3																0.2		2.1
Total Program Element	1113	20.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	90	1.6	1023	18.5
Uranium Recovery Lic./Insp.(PE)																				
Uranium Recovery(A)	200	9.9													200	9.9				
UMTRCA Actions(A)	400	11.0																	400	11.0
Section Supervision(A)		1.4														0.7				0.7
Total Program Element	600	22.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0	0	0	200	10.6	0	0	400	11.7

ALLOCATION OF NRC'S FY 1991 BUDGE BY MAJOR CLASS OF LICENSEE

03-Apr-91

MAJOR CLASS OF LICENSEE

Programs(P), Program Elements(PE) and Activities(A)	Total**		Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants		Costs Allocated By Policy Decisions	
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
Decommissioning(PE)																				
Power Reactor(A)	100	3.8	100	3.8																
Material and Fuel Facility(A)	1100	9.2					220	1.8			880	6.4								1.0
Section Supervision(A)		1.4		0.4				0.2				0.7								0.1
Total Program Element	1200	14.4	100	4.2	0	0.0	220	2.0	0	0.0	880	7.0	0	0	0	0	0	0	0	1.1
NRC/USSR MISSION AREA TOTAL	9700	279	[illegible]	12.5	0	0.0	2265	53.4	800	3.9	3034	124.9	680	21.9	200	10.6	90	1.6	2101	45.2
FEE AMOUNT ($, M)		88.7		3.0		0.0		13.0		1.6		28.1		5.1		2.3		0.4		11.2

ALLOCATION OF NRC'S FY 1991 BUDGET BY MAJOR CLASS OF LICENSEE

03-Apr-91

Program(P), Program Elements(PE) and Activities(A)	Total**		MAJOR CLASS OF LICENSEE: Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants		Costs Allocated By Policy Decisions	
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
SPECIAL AND INDEPENDENT REVIEWS, INVESTIGATIONS, AND ENFORCEMENT MISSION AREA																				
Diagnostic Evaluations(PE)	350	7.0	350	7.0																
Incident Investigations(PE)	50	3.0	50	3.0																
NRC Incident Response(PE)	2200	27.0	2200	27.0																
Operational Data Analysis(PE)	1973	25.0	1873	23.0							100	2.0								
Performance Indicators(PE)	980	4.0	980	4.0																
Oper. Data Collection/Assess.(PE)	2147	5.0	2147	5.0																
SIRIE MISSION AREA TOTAL	7700	71.0	7600	69.0	0	0	0	0	0	0	100	2.0	0	0.0	0	0.0	0	0	0	0
FEE AMOUNT ($, M)		22.0		21.5		0.0		0.0				0.5		0.0		0.0		0.0		0.0
NUCLEAR SAFETY MANAGEMENT AND SUPPORT MISSION AREA																				
International Activities(PE)	310	22.0																	310	22
NSNS MISSION AREA TOTAL	310	22.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	310	22
FEE AMOUNT ($, M)		4.7		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		4.7

ALLOCATION OF NRC'S FY 1991 BUDGET BY MAJOR CLASS OF LICENSEE

03-Apr-91

Programs(P), Program Elements(PE) and Activities(A)	Total**		MAJOR CLASS OF LICENSEE																Costs Allocated By Policy Decisions	
			Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants			
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
NRC TOTAL	1370	1530	121622	1201	119	2	2416	54	996	4	4183	129	830	23	200	11	90	2	7456	105
FEE AMOUNT (5, 9)		-5.3		362.8		0.6		13.3		1.9		30.2		5.4		2.3		0.4		28.4
Less Part 170 Fees		-79.5		-71.9		-0.1		-2.7		-0.4		-3.0		-0.6		-0.4		-0.4		0.0
Part 171 Annual Fee		365.8		290.9		0.5		10.6		1.5		27.2		4.8		1.9		0.0		28.4

* Direct Full Time Equivalents (FTE).

** Note that totals in some case may not equal to sum of components due to rounding.

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(4–79)
NRCM 0240

COVER SHEET FOR CORRESPONDENCE

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The FY 1991 budgeted costs related to the additional charge and the amount of the charge are calculated as follows:

	Category of Costs	FY 1991 Budgeted Costs ($ In Millions)
1.	Activities not attributable to an existing NRC licensee or class of licensee, i.e., 40% of LLW disposal generic activities.	$3.8

Of the $3.8 million budgeted costs shown above for LLW activities, 50 percent of the amount ($1.9 million) would be divided by the number of fuel facilities included in Part 171 (10 facilities), which would equal $190,000 per fuel facility. The remaining 50 percent ($1.9 million) divided by the total number of material licensees in categories that generate low level waste (3,322 licensees) equals $570 per materials licensee. Those licensees that generate a significant amount of low level waste for purposes of the calculation of the surcharge are in fee categories 1.A.(2), 1.B, 1.D, 2.A, 2.C, 3.A, 3.B, 3.C, 3.L, 3.M, 3.N, 4.A, 4.B, 4.C, 5.B, 6.A, 7.B, 7.C, and 16.

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3/21/91

Jesse Funches -

Here are the list of fee categories - divided by those likely to generate significant quantities of low-level waste.

YES	NO	NO
1A	1C	11
1B	2C	12
1D	3D	
2A	3E	
~~2B~~ 2C	3F	
~~2D~~	3G	
3A	3H	
3B	3I	
3C	3J	
3L	3K	
3M	3O	
3N	3P	
4A	5A	
4B	7A	
4C	8A	
5B	9A	
6A	9B	
7B	9C	
7C	9D	
~~13~~	10A	
~~14~~ N/A	10B	
16		

George Deegan

License Fee Category	(6) Part 171 Base Fee/Lic. ($) General	(7) Part 171 Base Fee/Lic. ($) Unique	(8) Part 171 Base Fee/Lic. ($) Total	Rounded Base Fee	(9) Surcharge	(10) Total Annual Fee
SPECIAL NUCLEAR MATERIAL:						
1C. Industrial Gages	1141		1141	$ 1,100		1141
1D. All Other SNM	1588		1588	1600	567	2156
SOURCE MATERIAL:						
2B. Shielding	296		296	300		296
2C. Other Source Materials	2030		2030	2,000	567	2597
BYPRODUCT MATERIAL:						
3A. Manufacturing - Broad	6378		6378	6,400	567	6945
3B. Manufacturing - Other	3073		3073	3,100	567	3640
3C. Radiopharmaceuticals - Manuf./Process	7381		7381	7,400	567	7948
3D. Radiopharmaceuticals - No Manuf./Process	2680		2680	2,700		2680
3E. Irradiators - Self-Shield	1260		1260	1,300		1260
3F. Irradiators - < 10,000 Ci	2583		2583	2,600		2583
3G. Irradiators - > 10,000 Ci	10903		10903	10,900		10903
3H. Exempt Distribution - Device Review	4356		4356	4400		4356
3I. Exempt Distribution - No Device Review	5232		5232	5,200		[illegible]
3J. Gen. License - Device Review	5144		5144	5,100		5[illegible]
3K. Gen. License - No Device Review	4051		4051	4,100		4051
3L. R&D - Broad	4926		4926	4900	567	5493
3M. R&D - Other	2551		2551	2,600	567	3118
3N. Service License	2978		2978	3,000	567	3545
3O. Radiography	7990		7990	8,000		7990
3P. All Other Byproduct Materials	1406		1406	1,400		1406

License Fee Category	(6) Part 171 Base Fee/Lic.($) General	(7) Part 171 Base Fee/Lic.($) Unique	(8) Part 171 Base Fee/Lic.($) Total	Rounded Base Fee	(9) Surcharge	(10) Total Annual Fee
WASTE DISPOSAL AND PROCESSING:						
4A. Waste Disposal*	57762		57762	57,800	567	58329
4B. Waste Receipt/Packaging	9386		9386	9400	567	9953
4C. Waste Receipt - Prepackaged	5175		5175	5200	567	5742
WELL LOGGING:						
5A. Well Logging	7012		7012	7,000		7012
5B. Field Flooding Tracers Studies*	10189		10189	10,200	567	10756
NUCLEAR LAUNDRY:						
6A. Nuclear Laundry	3385		3385	3,400	567	3953
HUMAN USE OF BYPRODUCT, SOURCE, OR SNM:						
7A. Teletherapy	8712	1011	9723	9,700		9723
7B. Medical - Broad	7461	1011	8471	8,500	567	9039
7C. Medical Other	2371	1011	3381	3,400	567	3948
CIVIL DEFENSE:						
8A. Civil Defense	1296		1296	1,300		1296
::						
DEVICE, PRODUCT, OR SEALED SOURCE SAFETY EVALU						

License Fee Category	(6) Part 171 Base Fee/Lic.($) General	(7) Part 171 Base Fee/Lic.($) Unique	(8) Part 171 Base Fee/Lic.($) Total	Rounded Base Fee	(9) Surcharge	(10) Total Annual Fee
9A. Device/Product Safety Evaluation - Broad	6258		6258	6,300		6258
9B. Device/Product Safety Evaluation - Other	3129		3129	3,100		3129
9C. Sealed Sources Safety Evaluation - Broad	1324		1324	1,300		1324
9D. Sealed Sources Safety Evaluation - Other	674		674	670		674
SUBTOTAL						
SPECIAL TYPE OF LICENSES						
Navy & Air Force Broad	200000		200000		8000	208000

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(4-79)
NRCM 0240

COVER SHEET FOR CORRESPONDENCE

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PART 170
DETERMINATION OF MATERIALS LICENSE FEES
FY 1991 BUDGET AUTHORITY

Categories	Current Fees	Percentage Increase	FY '91 Proposed Fees
Special Nuclear Material			
1C. Industrial Gauges			
New License	$400	25%	$500
Renewal	400	25%	500
Amendment	300	25%	380
Routine Inspection	370	25%	460
Non-Routine Inspection	1,000	25%	1,300
1D. All Other SNM Material			
New License	550	"	690
Renewal	550	"	690
Amendment	180	"	230
Routine Inspection	550	"	690
Non-Routine Inspection	640	"	800
Source Material			
2B. Shielding			
New License	90	"	110
Renewal	90	"	110
Amendment	90	"	110
Routine Inspection	230	"	290
Non-Routine Inspection	280	"	350
2C. All Other Source Material			
New License	630	"	790
Renewal	600	"	750
Amendment	360	"	450

Routine Inspection	640	"	800
Non-Routine Inspection	1,200	"	1,500
Byproduct Material			
3A. Mfg-broad			
New License	$1,800	25%	$2,300
Renewal	1,100	25%	1,400
Amendment	180	25%	230
Routine Inspection	1,700	25%	2,100
Non-Routine Inspection	1,700	25%	2,100
3B. MFg-Other			
New License	1,000	25%	1,300
Renewal	1,800	25%	2,300
Amendment	440	25%	550
Routine Inspection	830	25%	1,000
Non-Routine Inspection	1,600	25%	2,000
3C. Mfg/Dist-Radiopharmaceuticals			
New License	2,700	"	3,400
Renewal	1,100	"	1,400
Amendment	37	"	460
Routine Inspection	1,100	"	1,400
Non-Routine Inspection	1,500	"	1,900
3D. Radiopharmaceuticals/No Process			
New License	900	"	1,100
Renewal	400	"	500
Amendment	250	"	310

Routine Inspection	640	"	800
Non-Routine Inspection	920	"	1,200
3E. Irradiators/Self-Shield			
New License	400	25%	500
Renewal	380	"	480
Amendment	200	"	250
Routine Inspection	370	"	460
Non-Routine Inspection	550	"	690
3F. Irradiators 10,000 Ci			
New License	920	"	1,200
Renewal	320	"	400
Amendment	280	"	350
Routine Inspection	460	"	580
Non-Routine Inspection	1,000	"	1,300
3G. Irradiators 10,000 Ci			
New License	3,700	"	4,600
Renewal	1,500	"	1,900
Amendment	370	"	460
Routine Inspection	830	"	1,000
Non-Routine Inspection	1,100	"	1,400
3H. Exempt Dist./Device-Review			
New License	1,700	"	2,100
Renewal	850	"	1,100
Amendment	200	"	250
Routine Inspection	550	"	690

Non-Routine Inspection	550	"	690
3I. Exempt Dist/No Device Rev.			
New License	2,100	25%	2,600
Renewal	960	"	1,200
Amendment	280	"	350
Routine Inspection	370	"	460
Non-Routine Inspection	550	"	690
3J. GL Dist/Device Rev.			
New License	2,000	"	2,500
Renewal	460	"	580
Amendment	310	"	390
Routine Inspection	550	"	690
Non-Routine Inspection	550	"	690
3K. GL Dist/No Device Rev.			
New License	1,500	"	1,900
Renewal	750	"	940
Amendment	230	"	290
Routine Inspection	550	"	690
Non-Routine Inspection	550	"	690
3L. R&D-Broad			
New License	1,800	"	2,300
Renewal	1,600	"	2,000
Amendment	400	"	500
Routine Inspection	740	"	930
Non-Routine Inspection	920	"	1,200

3M. R&D-Other			
New License	900	25%	1,100
Renewal	900	"	1,100
Amendment	500	"	630
Routine Inspection	640	"	800
Non-Routine Inspection	740	"	930
3N. Service Lic.			
New License	1,100	"	1,400
Renewal	640	"	800
Amendment	320	"	400
Routine Inspection	550	"	690
Non-Routine Inspection	550	"	690
3O. Radiography			
New License	2,400	"	3,000
Renewal	1,400	"	1,800
Amendment	390	"	490
Routine Inspection	920	"	1,200
Non-Routine Inspection	2,000	"	2,500
3P. All Other Byproduct Material			
New License	400	"	500
Renewal	400	"	500
Amendment	300	"	380
Routine Inspection	920	"	1,200
Non-Routine Inspection	920	"	1,200

4B. Waste Packaging			
New License	2,200	25%	2,800
Renewal	1,500	"	1,900
Amendment	160	"	200
Routine Inspection	1,700	"	2,100
Non-Routine Inspection	1,300	"	1,600
4C. Waste-Prepackaged			
New License	1,500	"	1,900
Renewal	740	"	930
Amendment	180	"	230
Routine Inspection	1,300	"	1,600
Non-Routine Inspection	1,700	"	2,100
5A. Well Logging			
New License	2,700	"	3,400
Renewal	1,600	"	2,000
Amendment	430	"	540
Routine Inspection	640	"	800
Non-Routine Inspection	640	"	800
5B. Field Tracer Studies			
Routine Inspection	550	"	690
Non-Routine Inspection	830	"	1,000
6A. Nuclear Laundry			
New License	1,100	"	1,400
Renewal	1,100	"	1,400
Amendment	280	"	350

Routine Inspection	920	"	1,200
Non-Routine Inspection	1,500	"	1,900
7A. Teletherapy			
New License	2,700	25%	3,400
Renewal	630	"	790
Amendment	340	"	430
Routine Inspection	920	"	1,200
Non-Routine Inspection	1,500	"	1,900
7B. Medical-Broad			
New License	1,800	"	2,300
Renewal	1,600	"	2,000
Amendment	290	"	360
Routine Inspection	1,300	"	1,600
Non-Routine Inspection	1,400	"	1,800
7C. Doctors/Hospitals			
New License	570	"	710
Renewal	830	"	1,000
Amendment	340	"	430
Routine Inspection	830	"	1,000
Non-Routine Inspection	1,200	"	1,500
8A. Civil Defense			
New License	460	"	580
Renewal	320	"	400
Amendment	250	"	310
Routine Inspection	550	"	690

Non-Routine Inspection	550	"	690
9. Device, product or sealed source evaluation			
9A. Device evaluation-commercial distribution			
Application - each device	2,600	25%	3,300
Amendment - each device	920	"	1,200
9B. Device evaluation - custom			
Application - each device	1,300	"	1,600
Amendment - each device	460	"	580
9C. Sealed source evaluation - comm. dist.			
Application - each device	550	"	690
Amendment - each device	180	"	230
9D. Sealed source evaluation - custom			
Application - each device	280	"	350
Amendment - each device	90	"	110
10A. Evaluation - Part 71 QA program			
Application - approval	180	"	230
Renewal	180	"	230
Amendment	180	"	230

NRC Form 8-C
(4-79)
NRCM 0240

COVER SHEET FOR CORRESPONDENCE

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Export and Import Licenses

Cost Allocation by Mission Area
($000)

Mission Area	PTS	FTE
NMLWSSR		
Export License	--	3.0
NSMS		
Export/Import License		3.5
Total		6.5

FTE = 6.5 x $200.9 = $1,306

FY 1991 Budget By Major Category
($ In Millions)

Salaries and Benefits	$213.8
Administrative Support	74.6
Travel	12.4
Total Nonprogram Support Obligations	$300.8
Program Support	144.5
Total Budget Authority	$445.3
Less Program Support (Direct Program)	-137.9
Budget Allocated to Direct FTE	$307.4

The Direct FTE Productive Hourly Rate ($115/hour rounded down) is calculated by dividing $307.4 million by the number of direct FTEs (1,530.2 FTEs) and the number of productive hours in one year (1,744 hours) as indicated in OMB Circular A-76, "Performance of Commercial Activities."

$$\frac{\$307,400,000}{1530.2} = \$200,900 \text{ per direct FTE}$$

$$\frac{\$200,900}{1744 \text{ hours}} = \$115/\text{hour per direct FTE}$$

CALCULATION OF 100% FEE HOURLY RATE

MISSION AREA	DIRECT FTE	OVERHEAD FTE	TOTAL FTE	G&A Prog. Spt. ($k)
RSSR	1015.2	487.8	1503	
NSR	148.1	81.9	230	
NMLWSSR	273.9	95.1	369	
SIRIE				
AEOD	62.0	53.0	115	2,825
ACRS/ACNW		34.0	34	320
ASLBP		31.0	31	675
ASLAP		10.0	10	5
OI		44.0	44	
OE		11.0	11	20
REGIONS	9.0	8.0	17	
SUBTOTAL	71.0	191.0	262	3,845
NSMS				
COMMISSION		42.0	42	160
EDO		22.0	22	300
CONS		8.0	8	
OGC		95.0	95	90
GPA	22.0	45.0	67	960
OC		86.0	86	380
ADM		172.0	172	
IRM		144.0	144	
SECY		28.0	28	350
OP		78.0	78	
OSBDUCR		7.0	7	150
REGIONS		15.0	15	
SUBTOTAL	22.0	742.0	764	2,390
IG		32.0	32	290
TOTAL NRC (xhlw)	1530.2	1629.8	3160	6,525

	Total NRC	Less HLW	Total NRC(xhlw)
Salary & Benefits	$219,080	$5,284	$213,796
Adminstrative Support	76,517	1,874	74,643
Travel	12,700	267	12,433
G&A Program Support	6,525		6,525
FTE FEE POOL			$307,397

FEE PER FTE (FEE POOL / DIRECT FTE) = $200,887 K PER FTE
FEE PER HOUR (FTE FEE / 1744 HOURS) = $115 PER HOUR

FY 1991

Allocation of Direct FTEs by Mission Area

Mission Area	Number of Direct FTEs[1]
Reactor Safety and Safeguards	1015.2
Nuclear Safety Research	148.1
Nuclear Material & Low Level Waste Safety and Safeguards Regulation	273.9
Special and Independent Reviews, Investigations and Enforcement	71.0
Nuclear Material Management and Support	22.0
Total Direct FTE	1530.2

[1] Regional employees are counted in the mission area each supports.

FY 1991
ESTIMATED COLLECTIONS
$ In Millions

Part 171 Annual Fees	
Power Reactors	$315.5
Nonpower Reactors	.5
Fuel Facilities	12.5
Spent Fuel Storage	1.5
Uranium Recovery	1.9
Transportation	4.8
Materials Users	29.1
Subtotal Part 171	$365.8
Part 170 License and Inspection Fees	79.5
Subtotal Parts 171 and 170 Fees	$445.3
NWF Appropriation	19.7
Total Budget Authority	$465.0

NRC Form 8-C
(4-79)
NRCM 0240

COVER SHEET FOR CORRESPONDENCE

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ALLOCATION OF NRC'S FY 1991 BUDGET BY MAJOR CLASS OF LICENSEE

Programs(P), Program Elements(PE) and Activities(A)	Total**		MAJOR CLASS OF LICENSEE																Costs Allocated By Policy Decisions	
			Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants			
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
REACTOR SAFETY AND SAFEGUARDS REGULATION MISSION AREA																				
Power Reactor Applications/Insp.(PE)	1400	15.9	1400	15.9																
Review of Std. Reactor Designs(PE)																				
Evolutionary Design(A)	1273	15.0																	1273	15.0
Passive Designs(A)		3.3																	0	3.3
EPRI Adv. Reactor Criteria(A)	200	11.0	200	11.0																
Advanced Non-LWR(A)																				
Section Supervision(A)		3.3		1.2																2.1
Total Program Element	1473	32.6	200	12.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1273	20.4
Rev. of Other-Than-Power Reactor(PE)																				
Review of Nonpower Reactors(A)	330	1.9			69	0.4													61	1.5
Review of DOD/DOE projects(A)	20	0.3																		0.3
Power Reactor Decommissioning(A)		1.1	0	1.1																
Section Supervision(A)		0.4		0.1		0.0														0.2
Total Program Element	350	3.7	0	1.2	69	0.4	0	0.0	0	0.0	0	0	0	0	0	0	0	0.0	281	2.0
Rev. of Reactor License Renewal(PE)	1408	14.7	1408	14.7																
Reactor Performance Eval.(PE)	718	33.6	718	33.6																
Eval of Lic. Perf./Maint.(PE)	700	33.7	700	33.7																
Reactor Accident Mgmt. Eval.(PE)	1000	11.3	1000	11.3																
Human Performance Eval.(PE)	650	3.2	650	3.2																
Lic./Exam. of Reactor Operators(PE)	6250	51.8	6010	48.8	50	0.6													190	2.4

ALLOCATION OF NRC'S FY 1991 BUDGET BY MAJOR CLASS OF LICENSEE

03-Apr-91

Programs(P), Program Elements(PE) and Activities(A)	Total**		MAJOR CLASS OF LICENSEE																Costs Allocated By Policy Decisions	
			Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants			
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
Resident Inspectors(PE)		190.7		190.7																
Region-Based Inspections(PE)																				
Power Reactors Insp.(A)	3913	175.7	3913	175.7																
Nonpower Reactors Insp.(A)		4.6			0	1.0														3.6
Lab/Tech. Support(A)	810	10.6	810	10.6																
Allegation Followup(A)		13.9	0	13.9																
Safeguards RERs(A)	435	6.4	435	6.4																
EP Inspections(A)		11.4	0	11.4																
EP Assessments(A)	550	1.6	550	1.6																
Safeguards Inspections(A)		21.9	0	21.9																
Section Supervision(A)		33.4	0	32.8	0	0.1												0.0		0.5
Total Program Element	5708	279.5	5708	274.3	0	1.1	0	0.0	0	0.0	0	0	0	0	0	0	0	0.0	0	4.1
Specialized Inspections(PE)	3117	65.6	3117	65.6																
Project Management(PE)		133.4		133.4																
Safety Eval. of Lic. Actions(PE)	9191	127.7	9191	127.7																
Regulatory Improvements(PE)	335	17.8	335	17.8																
RSSR MISSION AREA TOTAL	32301	1015.2	30437	984.1	119	2.2	0	0	0	0	0	0	0	0	0	0	0	0.0	1744	28.9
FEE AMOUNT ($, M)		236.2		228.1		0.6		0.0		0.0		0.0		0.0		0.0		0.0		7.5

ALLOCATION OF NRC'S FY 1991 BUDGET BY MAJOR CLASS OF LICENSEE

03-Apr-91

Programs(P), Program Elements(PE) and Activities(A)	Total**		MAJOR CLASS OF LICENSEE: Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants		Costs Allocated By Policy Decisions	
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
NUCLEAR SAFETY RESEARCH MISSION AREA																				
Integrity of Reactor Component(P)	27230	21.5	27230	21.5																
Prevent Damages to Reactor Cores(P)	21675	32.0	21675	32.0																
Reactor Containment Performance(P)	17330	12.0	17330	12.0																
Confirm the Safety of LLW Disp.(P)	3301	8.5																	3301	8.5
Generic and USIs(PE)	3180	28.1	3180	28.1																
Standard and Advanced Reactors(PE)	1825	6.0	1825	6.0																
Fuel Cycle/Transp/Safeguards(PE)																				
Fuel Cycle(A)	775	2.0	581	1.5					194	0.5										
Transportation(A)	150	1.0											150	1.0						
Safeguards(A)	100	1.0	50	0.5			50	0.5												
Total Program Element	1025	4.0	631	2.0	0	0.0	50	0.5	194	0.5	0	0.0	150	1.0	0	0.0	0	0.0	0	0.0
Dev. and Improving Progs.(PE)	5065	15.0	5065	15.0																
Severe Accident Appl.(PE)	2669	10.0	2669	10.0																

ALLOCATION OF NRC'S FY 1991 BUDGET BY MAJOR CLASS OF LICENSEE

03-Apr-91

Programs(P), Program Elements(PE) and Activities(A)	Total**		MAJOR CLASS OF LICENSEE: Power Reactor		Non-power Reactor		Fuel Facility		Spent fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants		Costs Allocated By Policy Decisions	
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
Rad. Protection/Health Effects(PE)																				
Rad Protection Issues(A)	625	2.0	469	1.5							156	0.5								
Health Effects Research(A)	950	2.0	713	1.5							238	0.5								
Rad Rules/Reg. Guidance(A)	1000	1.0	750	0.8							250	0.3								
Enviro Policy/Decomm.(A)	2025	6.0	1519	4.5			101	0.3			405	1.2								
Total Program Element	4600	11.0	3450	8.3	0	0.0	101	0.3	0	0.0	1049	2.5	0	0.0	0	0.0	0	0.0	0	0.0
RSR MISSION AREA TOTAL	87900	148.1	83055	134.9	0	0.0	151	0.8	194	0.5	1049	2.5	150	1.0	0	0.0	0	0	3301	8.5
FEE AMOUNT ($, M)		117.7		110.1		0.0		0.3		0.3		1.5		0.4		0.0		0.0		5.0

Programs(P), Program Elements(PE) and Activities(A)	Total**		MAJOR CLASS OF LICENSEE																Costs Allocated By Policy Decisions	
			Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants			
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
NUCLEAR MATERIAL & LOW LEVEL WASTE SAFETY & SAFEGUARDS REGULATION MISSION AREA																				
Fuel Fac./Spent Fuel Lic./Insp.(PE)																				
Fuel Facility Licensing(A)	930	17.3					390	13.7											540	3.6
Fuel Facility Insp.(A)	1000	14.0					1000	14.0												
Spent Fuel Storage Lic./Insp.(A)	800	3.5							800	3.5										
Section Supervision(A)		4.3		0.0				3.4		0.4										0.4
Total Program Element	2730	39.1	0	0.0	0	0.0	1390	31.2	800	3.9	0	0	0	0	0	0	0	0.0	540	4.0
Lic./Insp. of Materials Users(PE)	2172	105.3									2154	104.4							18	0.9
Event Evaluation(PE)		16.8						3.4				13.4								
Transport of Nuclear Materials(PE)	680	21.9											680	21.9						
Safeguards Lic./Insp.(PE)																				
Fuel Fac. Safeguards Lic.(A)	575	7.7					455	6.5											120	1.2
Export Licensing(A)		2.7																		2.7
Fuel Fac. Safeguards Insp(A)	200	8.4					200	8.4												
Section Supervision(A)		2.4		0.0				1.9												0.5
Total Program Element	775	21.2	0	0.0	0	0.0	655	16.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	120	4.4

ALLOCATION OF NRC'S FY 1991 BUDGET BY MAJOR CLASS OF LICENSEE

03-Apr-91

Programs(P), Program Elements(PE) and Activities(A)	Total**		MAJOR CLASS OF LICENSEE																Costs Allocated By Policy Decisions	
			Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants			
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
Threat & Event Assess./Internl.(PE)																				
Policy/Threat/Event Asses.(A)	430	7.4	430	7.4																
International Safeguards(A)		4.0																		4.0
Section Supervision(A)		1.4		0.9																0.5
Total Program Element	430	12.8	430	8.3	0	0.0	0	0.0	0	0.0	0	0	0	0	0	0	0	0	0	4.5
LLW Disposal Lic./Insp.(PE)																				
LLW Regulation/Guidance Dev.(A)	563	5.8																	563	5.8
License Reviews for LLW Fac.(A)	450	6.8															90	1.4	360	5.4
Provide Tech. Assist. to States(A)	100	1.8																	100	1.8
Dev./Imp. Inspections		3.4																	0	3.4
Section Supervision(A)		2.3																0.2		2.1
Total Program Element	1113	20.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	90	1.6	1023	18.5
Uranium Recovery Lic./Insp.(PE)																				
Uranium Recovery(A)	200	9.9													200	9.9				
UMTRCA Actions(A)	400	11.0																	400	11.0
Section Supervision(A)		1.4														0.7				0.7
Total Program Element	600	22.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0	0	0	200	10.6	0	0	400	11.7

ALLOCATION OF NRC'S FY 1991 BUDGET 3: MAJOR CLASS OF LICENSEE

Programs(P), Program Elements(PE) and Activities(A)	Total**		MAJOR CLASS OF LICENSEE																Costs Allocated By Policy Decisions	
			Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants			
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
Decommissioning(PE)																				
Power Reactor(A)	100	3.8	100	3.8																
Material and fuel Facility(A)	1100	9.2					220	1.8			880	6.4								1.0
Section Supervision(A)		1.4		0.4				0.2				0.7								0.1
Total Program Element	1200	14.4	100	4.2	0	0.0	220	2.0	0	0.0	880	7.0	0	0	0	0	0	0	0	1.1
NMLLWSSR MISSION AREA TOTAL	9700	273.9	530	12.5	0	0.0	2265	53.4	800	3.9	3034	124.9	680	21.9	200	10.6	90	1.6	2101	45.2
FEE AMOUNT ($, M)		64.7		3.0		0.0		13.0		1.6		28.1		5.1		2.3		0.4		11.2

Programs(P), Program Elements(PE) and Activities(A)	Total**		MAJOR CLASS OF LICENSEE																Costs Allocated By Policy Decisions	
			Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants			
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
SPECIAL AND INDEPENDENT REVIEWS, INVESTIGATIONS, AND ENFORCEMENT MISSION AREA																				
Diagnostic Evaluations(PE)	350	7.0	350	7.0																
Incident Investigations(PE)	50	3.0	50	3.0																
NRC Incident Response(PE)	2200	27.0	2200	27.0																
Operational Data Analysis(PE)	1973	25.0	1873	23.0							100	2.0								
Performance Indicators(PE)	980	4.0	980	4.0																
Oper. Data Collection/Dissem.(PE)	2147	5.0	2147	5.0																
SIRIE MISSION AREA TOTAL	7700	71.0	7600	69.0	0	0	0	0	0	0	100	2.0	0	0.0	0	0.0	0	0	0	0
FEE AMOUNT ($, M)		22.0		21.5		0.0		0.0				0.5		0.0		0.0		0.0		0.0
NUCLEAR SAFETY MANAGEMENT AND SUPPORT MISSION AREA																				
International Activities(PE)	310	22.0																	310	22
NSMS MISSION AREA TOTAL	310	22.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	310	22
FEE AMOUNT ($, M)		4.7		0.0		0.0		0.0		0.0		0.0		0.0		0.0		0.0		4.7

ALLOCATION OF NRC'S FY 1991 BUDGET BY MAJOR CLASS OF LICENSEE

Programs(P), Program Elements(PE) and Activities(A)	Total**		MAJOR CLASS OF LICENSEE																Costs Allocated By Policy Decisions	
			Power Reactor		Non-power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Uranium Recovery		Other Applicants			
	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*	$,K	FTE*
NRC TOTAL	137910	1530	121622	1201	119	2	2416	54	994	4	4183	129	830	23	200	11	90	2	7456	105
FEL AMOUNT ($, M)		445.3		362.8		0.3		13.3		1.9		30.2		5.4		2.3		0.4		28.4
Less Part 170 Fees		-79.5		-71.9		-0.1		-2.7		-0.4		-3.0		-0.6		-0.4		-0.4		0.0
Part 171 Annual Fee		365.8		290.9		0.5		10.6		1.5		27.2		4.8		1.9		0.0		28.4

* Direct Full Time Equivalents (FTE).

Note that totals in some case may not equal to sum of components due to rounding.

REACTOR SAFETY AND SAFEGUARDS REGULATION
FY 1991-1995 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Program Support Dollars in Thousands, Staff Years in Full-Time Equivalents)

Date Printed: 04/02/91

Data as of: 08/17/90/0900

FY 1991

	$	FTE
PROGRAM: Reactor Licensing - Application Reviews and Inspections		
PROGRAM ELEMENT: Power Reactor Applications and Inspections		
ACTIVITIES:		
1. Review of Reactor License Applications (NRR)	800	1.9
2. Plant Reactivation		
NRR	0	1.5
Regions	0	1.0
ACTIVITY TOTAL:	$0	2.5
3. Resident Inspections (Regions)	0	4.0
4. Region-Based Inspections (Rgns)	0	4.0
5. Specialized Inspections (NRR)	600	1.7

	FY 1991	
	$	FTE
6. Section Supervision		
NRR	0	0.6
Regions	0	1.2
ACTIVITY TOTAL:	$0	1.8
7. Overhead		
NRR	0	2.3
Regions	0	4.8
ACTIVITY TOTAL:	$0	7.1
PROGRAM ELEMENT TOTAL: Power Reactor Applications and Inspections		
NRR	1,400	8.0
Regions	0	15.0
TOTAL:	$1,400	23.0

FY 1991

	$	FTE
PROGRAM ELEMENT: Review of Standardized Reactor Design Applications		
ACTIVITIES:		
1. Evolutionary Design Aoproval and Certification Reviews (NRR)	1,273	15.0
2. Passive Design Certification Reviews (NRR)	0	3.3
3. Review of EPRI Advanced Reactor Criteria (NRR)	200	11.0
4. Review of Advanced Non-LWR Reactors (NRR)	0	0.0
5. Section Supervision (NRR)	0	3.3
6. Overhead (NRR)	0	13.4
PROGRAM ELEMENT TOTAL:	$1,473	46.0

	FY 1991	
	$	FTE
PROGRAM ELEMENT: Review of Other-Than-Power-Reactor Applications		
ACTIVITIES:		
1. License Reviews for Nonpower Reactors (NRR)	330	1.9
2. Review of DOD/DOE Projects (NRR)	20	0.3
3. Power Reactor Decommissioning		
NRR	0	0.1
Regions	0	1.0
ACTIVITY TOTAL	$0	1.1
4. Section Supervision		
NRR	0	0.3
Regions	0	0.1
ACTIVITY TOTAL	$0	0.4

	FY 1991 $	FTE
5. Overhead		
NRR	0	0.4
Regions	0	0.9
ACTIVITY TOTAL	$0	1.3
PROGRAM ELEMENT TOTAL: Review of Other-Than-Power-Reactor Applications		
NRR	350	3.0
Regions	0	2.0
TOTAL:	$350	5.0

	FY 1991	
	$	FTE
PROGRAM ELEMENT: Review of Reactor License Renewal Applications		
ACTIVITIES:		
1. Reactor License Renewal Program Development (NRR)	1,408	11.2
2. Reactor License Renewal Applications Review		
NRR	0	2.0
Regions	0	0.0
ACTIVITY TOTAL	$0	2.0
3. Section Supervision		
NRR	0	1.5
Regions	0	0.0
ACTIVITY TOTAL	$0	1.5

	FY 1991	
	$	FTE
4. Overhead		
NRR	0	6.3
Regions	0	0.0
ACTIVITY TOTAL	$0	6.3
PROGRAM ELEMENT TOTAL: Review of Reactor License Renewal Applications		
NRR	1,408	21.0
Regions	0	0.0
TOTAL:	$1,408	21.0
PROGRAM TOTAL: Reactor Licensing - Application Reviews and Inspections Program		
NRR	4,631	78.0
Regions	0	17.0
TOTAL:	$4,631	95.0

	FY 1991	
	$	FTE
PROGRAM: Reactor Operations and Accident Management Reviews		
PROGRAM ELEMENT: Reactor Performance Evaluation (NRR)		
ACTIVITIES:		
1. Events Analysis	100	12.4
2. Engineering/Safety Assessments	160	7.5
3. Generic Communications	458	10.3
4. Section Supervision	0	3.4
5. Overhead	0	13.4
PROGRAM ELEMENT TOTAL (NRR):	$718	47.0

	FY 1991	
	$	FTE
PROGRAM ELEMENT: Evaluation of Licensee Performance and Maintenance		
ACTIVITIES:		
1. Systematic Assessment of Licensee Performance		
NRR	0	0.8
Regions	0	16.5
ACTIVITY TOTAL:	$0	17.3
2. Quality Assurance		
NRR	400	3.0
Regions	0	1.5
ACTIVITY TOTAL:	$400	4.5
3. Performance Evaluation (NRR)	100	5.9
4. Maintenance & Surveillance(NRR)	200	2.3

	FY 1991	
	$	FTE
5. Section Supervision		
NRR	0	1.3
Regions	0	2.4
ACTIVITY TOTAL:	$0	3.7
5. Overhead		
NRR	0	5.7
Regions	0	10.6
ACTIVITY TOTAL:	$0	16.3
PROGRAM ELEMENT TOTAL: Evaluation of Licensee Performance and Maintenance		
NRR	700	19.0
Regions	0	31.0
TOTAL:	$700	50.0

	FY 1991	
	$	FTE
PROGRAM ELEMENT: Reactor Accident Management Evaluation		
ACTIVITIES:		
1. Severe Accident Policy Implementation (NRR)	1,[illegible]9	8.1
2. Regional Assistance Committees (Regions)	0	2.0
3. Section Supervision		
NRR	0	0.9
Regions	0	0.3
ACTIVITY TOTAL	$0	1.2
4. Overhead		
NRR	0	4.0
Regions	0	1.7
ACTIVITY TOTAL	$0	5.7

FY 1991

	$	FTE
PROGRAM ELEMENT TOTAL: Reactor Accident Management Evaluation		
NRR	1,000	13.0
Regions	0	4.0
TOTAL:	$1,000	17.0
PROGRAM TOTAL: Reactor Operations and Accident Management Reviews		
NRR	2,418	79.0
Regions	0	35.0
PROGRAM TOTAL:	$2,418	114.0

	FY 1991	
	$	FTE
PROGRAM: Human Performance in Reactor Safety		
PROGRAM ELEMENT: Human Performance Evaluation		
ACTIVITIES:		
1. Plant Personnel Training (NRR)	100	1.1
2. Man/Machine Interface (NRR)	550	1.8
3. Section Supervision (NRR)	0	0.3
4. Overhead (NRR)	0	0.8
PROGRAM ELEMENT TOTAL:	$650	4.0

	FY 1991	
	$	FTE
PROGRAM ELEMENT: Licensing and Examination of Reactor Operators		
ACTIVITIES:		
1. Reactor Operator Examinations		
NRR	2,680	7.0
Regions	0	14.5
ACTIVITY TOTAL:	$2,680	21.5
2. Reactor Operator Requalification Examinations		
NRR	3,520	5.0
Regions	0	11.5
ACTIVITY TOTAL:	$3,520	16.5
3. Program Development and Regional Oversight (NRR)	50	5.0
4. Generic Regional Activities (Regions)	0	3.0

	FY 1991 $	FY 1991 FTE
5. Section Supervision		
NRR	0	1.9
Regions	0	3.9
ACTIVITY TOTAL:	$0	5.3
6. Overhead		
NRR	0	8.1
Regions	0	18.1
ACTIVITY TOTAL:	$0	26.2
PROGRAM ELEMENT TOTAL: Licensing and Examination of Reactor Operators		
NRR	6,250	27.0
Regions	0	51.0
TOTAL:	$6,250	78.0

FY 1991

	$	FTE
PROGRAM TOTAL: Human Performance in Reactor Safety		
NRR	6,900	31.0
Regions	0	51.0
TOTAL:	$6,900	82.0

	FY 1991	
	$	FTE
PROGRAM: Reactor Operations and Safeguards Inspections		
PROGRAM ELEMENT: Resident Inspections		
ACTIVITIES:		
1. Resident Inspectors (Regions)	0	168.0
2. Section Supervision (Regions)	0	22.7
3. Overhead (Regions)	0	105.3
PROGRAM ELEMENT TOTAL:	$0	296.0

	FY 1991	
	$	FTE
PROGRAM ELEMENT: Region-Based Inspections		
ACTIVITIES:		
1. Power Reactor Inspections		
NRR	3,913	10.9
Regions	0	164.8
ACTIVITY TOTAL:	$3,913	175.7
2. Nonpower Reactors Inspections (Regions)	0	4.6
3. Lab and Technical Support		
NRR	810	0.1
Regions	0	10.5
ACTIVITY TOTAL:	$810	10.6

	FY 199	
	$	FTE
4. Allegation Followup		
NRR	0	0.0
Regions	0	13.9
ACTIVITY TOTAL:	$0	13.9
5. Safeguards Regulatory Effectiveness Reviews		
NRR	435	6.0
Regions	0	0.4
ACTIVITY TOTAL:	$435	6.4
6. Emergency Preparedness Inspections (Regions)	0	11.4
7. Emergency Preparedness Assessments (NRR)	550	1.6
8. Safeguards Inspections(Regions)	0	21.9

	FY 1991 $	FTE
9. Section Supervision		
NRR	0	2.1
Regions	0	31.3
ACTIVITY TOTAL:	$0	33.4
10. Overhead		
NRR	0	8.3
Regions	0	143.2
ACTIVITY TOTAL:	$0	151.5
PROGRAM ELEMENT TOTAL: Region-Based Inspections		
NRR	5,708	29.0
Regions	0	402.0
TOTAL:	$5,708	431.0

	FY 1991	
	$	FTE
PROGRAM ELEMENT: Specialized Inspections		
ACTIVITIES:		
1. Functional Inspections - SSFI/SSOMI		
NRR	1,162	6.2
Regions	0	6.0
ACTIVITY TOTAL:	$1,162	12.2
2. Specialized Facility Inspections (NRR)	670	12.3
3. Vendor Inspections (NPR)	815	14.1
4. Inspection Program Development (NRR)	470	20.3
5. Section Supervision		
NRR	0	5.9
Regions	0	0.8
ACTIVITY TOTAL:	$0	6.7

	FY 1991	
	$	FTE
6. Overhead		
NRR	0	23.2
Regions	0	3.2
ACTIVITY TOTAL:	$0	26.4
PROGRAM ELEMENT TOTAL: Specialized Inspections		
NRR	3,117	82.0
REGIONS	0	10.0
TOTAL:	$3,117	92.0
PROGRAM TOTAL: Reactor Operations and Safeguards Inspections		
NRR	8,825	111.0
REGIONS	0	708.0
TOTAL:	$8,825	819.0

FY 19v1

	$	FTE
PROGRAM: Operating Reactor Licence Maintenance and Regulatory Improvements		
PROGRAM ELEMENT: Project Management		
ACTIVITIES:		
1. Project Management (NRR)	0	120.0
2. Section Supervision (NRR)	0	13.4
3. Overhead (NRR)	0	53.6
PROGRAM ELEMENT TOTAL:	$0	187.0

	FY 1991	
	$	FTE
PROGRAM ELEMENT: Safety Evaluation of Licensing Actions		
ACTIVITIES:		
1. Plant-Specific Actions		
NRR	5,569	74.7
Regions	0	4.2
ACTIVITY TOTAL:	$5,569	78.9
2. Multi-Plant Actions		
NRR	2,834	32.7
Regions	0	0.0
ACTIVITY TOTAL:	$2,834	32.7
3. Topical Report Reviews (NRR)	788	3.1

	FY 1991 $	FTE
4. Section Supervision		
NRR	0	12.4
Regions	0	0.6
ACTIVITY TOTAL:	$0	13.0
5. Overhead		
NRR	0	50.1
Regions	0	3.2
ACTIVITY TOTAL:	$0	53.3
PROGRAM ELEMENT TOTAL: Safety Evaluation of Licensing Actions		
NRR	9,191	173.0
REGIONS	0	8.0
TOTAL:	$9,191	181.0

	FY 1991	
	$	FTE
PROGRAM ELEMENT: Regulatory Improvements		
ACTIVITIES:		
1. Technical Specifications (NRR)	135	1.8
2. Generic Issues/Rules/Regulatory Guides/Policy (NRR)	200	10.5
3. Individual Plant Examination (IPE) (NRR)	0	3.7
4. International Activities (NRR)	0	0.0
5. Section Supervision (NRR)	0	1.8
6. Overhead (NRR)	0	7.2
PROGRAM ELEMENT TOTAL:	$335	25.0

FY 1991

	$	FTE
PROGRAM TOTAL: Operating Reactor License Maintenance and Regulatory Improvement		
NRR	9,526	385.0
REGIONS	0	8.0
TOTAL:	$9,526	393.0

REACTOR SAFETY AND SAFEGUARDS REGULATION | Date Printed: 04/02/91 | Data as of: 08/17/90/0900

FY 1991-1995 FIVE-YEAR PLAN

DETAILED RESOURCE REPORT

(Program Support Dollars in Thousands, Staff Years in Full-Time Equivalents)

FY 1991

	$	FTE
MISSION AREA SUBTOTALS		
Direct Resources		
NRR	32,300	487.2
Regions	0	528.0
Total Direct Resources:	$32,300	1,015.2
Overhead		
NRR	0	196.8
Regions	0	291.0
Total Overhead:	$0	487.8
Total Resources		
NRR	32,300	684.0
Regions	0	819.0
MISSION AREA TOTAL:	$32,300	1,503.0

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

April 4, 1991

MEMORANDUM FOR: Alois J. Burda, III, Director
Program Management, Policy Development
and Analysis Staff
Office Nuclear Regulatorty Research

FROM: C. James Holloway, Jr.
Special Assistant for Fee Policy and Rules
Office of the Controller

SUBJECT: FY 1991 PART 171 RESOURCES

Based on your telephone discussion with Jesse Funches concerning the above subject, OC has made adjustments to the data provided in your March 15, 1991 memorandum. The adjustments to the specific line items are shown on the attached table.

C. James Holloway, Jr.
Special Assistant for Fee
Policy and Rules
Office of the Controller

Enclosure: As stated

COMMISSION ALLOCATION OF FY 1991 BUDGET BY CLASS OF LICENSEE

	Total		CLASS OF LICENSEE: Power Reactor		Fuel Facility		Spent Fuel Storage		Materials		Transportation		Other Applicants		Policy Allocation	
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE
A. Generic Effort -- All Reactors																
Low Level Waste	1980	5.1													1980	5.1
Transportation	150	1.0									150	1.0				
Safeguards	100	1.0	50	0.5	50	0.5										
Radiation Protection Issues	625	2.0	469	1.5					156	0.5						
Health Effects Research	950	2.0	713	1.5					238	0.5						
Radiation Rules & Reg. Guidance	1000	1.0	750	0.8					250	0.3						
Enviro. Policy & Decommissioning	1475	4.4	1110	3.3	101	0.3			264	0.8						
B. Generic Effort -- All Except HTGR																
Fuel Cycle	775	2.0	581	1.5			194	0.5								
Enviro. Policy & Decommissioning	550	1.6	409	1.2					141	0.4						

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555

MAR 15 1991

MEMORANDUM FOR: Jesse L. Funches, Acting Deputy Controller
Office of the Controller

FROM: Alois J. Burda III, Director
Program Management, Policy Development
and Analysis Staff
Office of Nuclear Regulatory Research

SUBJECT: UPDATE OF RES FY 1991 PART 171 RESOURCES

Per our discussions with Jim Holloway of your staff, enclosed is an updated copy of the RES FY 1991 resources for 100 percent recovery under Part 171 License Fee Recovery codes. If there are any questions regarding this matter, please have your staff contact either Ray Gustave, x23609 or Norma Price, x23626.

Alois J. Burda III, Director
Program Management, Policy Development
and Analysis Staff
Office of Nuclear Regulatory Research

Enclosure: As stated

UPDATED 3/14/91

Part 171 Work by Research	FY 91 PTS $	FTE
A. Generic Efforts - All Plants		
Aging of Reactor Components Aging Research	6369	4.1
Engineering Standards Support	650	2.7
Seismic Research Applications	100	0.2
Plant Response to Ground Motion	197	0.5
Structural Integrity	1000	0.3
Plant Performance - Experiments	150	0.2
Personnel Performance Measurement	1900	1.5
The Personnel Subsystem	400	1.1
Human-System Interface	1965	1.2
Organization and Management	1100	1.3
Reliability Assessment - Data Acquisition	390	0.8
Data Management Systems	440	1.0
HRA/PRA Integration	900	1.0
HRA/PRA Results Application	520	0.8
Review of Licensee/Applicant PRAs	150	0.5
Risk Model Development, QA & Maintenance	885	2.1
Risk Model Applications	1725	2.0
Core Melt Progression & H_2 Gen	27	0.1
Core Concrete Interaction	241	0.1
Reactor Containment Structural Tests	1700	1.9
Low Level Waste	1980	5.1
Generic & Unresolved Safety Issues:		
Engineering Issues	685	8.7
Reactor System Issues	345	3.6
Human Factors Issues	800	1.0
Severe Accident Issues	200	1.0
Mgmt of Safety Issue Resolution	400	5.5

	PTS $	FTE
Review DOE Advanced Reactor Concepts	1325	3.5
Licensing Criteria	500	2.0
Plant Standardization	0	0.5
Transporation	150	1.0
Safeguards	100	1.0
Develop or Modify Regulation	600	5.0
Independent Review & Control of Rulemaking	0	2.0
Regulatory Analysis of Regulations	1300	3.0
Safety Goal Implementation	200	1.0
RES Educational Grants	1165	0
RES SBIR Program	500	0
Containment Performance Improvement	150	0.5
Regulatory Applications of New Source Terms	325	2.1
Individual Plant Examinations	1500	5.0
External Events	625	2.0
Radiation Protection & Health Effects:		
Radiation Protection Issues	625	2.0
Health Effects Research	950	2.0
Radiation Rules & Reg. Guides	1000	1.0
Environmental Policy & Decommissioning	1475	4.4
GENERIC EFFORTS - ALL REACTORS - TOTAL	37,709	86.3

B. Generic Efforts - All Plants Except HTGR

Integrity of Reactor Components:		
Pressure Vessel Safety	8283	3.5
Piping Integrity	2310	0.9
Inspection Procedures & Techniques	2250	0.9
Aging of Reactor Components:		
Aging Research	1122	0.7
Engineering Standards Support	250	1.0
Seismic Research Application	75	0.1
Plant Performance		
Experiments	950	1.2
Modeling	850	1.3

	PTS $	FTE
Reactor Applications - Operating Reactors	650	1.6
Human System Interface	35	0.1
Accident Management - Guidance & Implementation	650	1.0
Strategies	1360	1.5
Reactor Accident Risk Analysis:		
Assessment of Plant Risks	300	0.6
Risk Model Development, QA & Maintenance	365	0.9
Risk Model Applications	925	1.0
Core Melt Progression & H_2 Generation	4128	1.8
Fuel-Coolant Interaction	900	1.0
FP Behavior & Chemical Form	1600	1.0
Reactor Containment Safety:		
Core Concrete Interaction	1279	0.8
Hydrogen Transport & Combustion	800	1.0
Integrated Codes & Applications	3515	2.6
Structural Tests	100	0.1
Generic & Unresolved Safety Issues:		
Reactor System Issues	470	4.8
Fuel Cycle	775	2.0
Rule for License Renewal	1300	4.0
Reg Application of New Source Terms	69	0.4
Environmental Policy & Decommissioning	550	1.6
TOTAL (PWRs & BWRs)	35,861	37.4
C. Generic - PWR's Only		
Pressure Vessel Safety	122	0.1
Plant Peformance Modeling	250	0.4
Reactor Applications LWR Systems Studies	480	1.0
Review of Licensee/Appl. PRA's	13	0.1
TOTAL (PWR's Only)	865	1.6

	PTS $	FTE
D. Generic - BWR's Only		
Plant Performance Modeling	200	0.3
Operating Reactors	250	0.6
LWR System Studies	270	0.5
Accident Management Strategies	40	0.1
Core Concrete Interaction	140	0.1
TOTAL (BWR's Only)	900	1.6
E. Seismic - All Plants		
Seismic & Structural Engineering:		
Earth Sciences	1606	1.7
Seismic Research Applications	750	1.6
Plant Response to Ground Motion	678	1.8
TOTAL	3034	5.1
F. Seismic - Plants East of Rockies		
Seismic & Structural Research:		
Earth Sciences	1119	1.1
Seismic Research Applications	75	0.1
TOTAL	1194	1.2
G. Seismic - Plants West of Rockies	0	0
H. Nuclear Steam Supply System (PWR Only)		
Integrity of Reactor Components:		
Piping Integrity	100	0.1
Inspection Procedures & Techniques	174	0.1
Prevent Reactor Core Damage - Experiments	925	1.0
Operating Reactors	350	0.8
Accident Management Strategies	150	0.1
Review of Licensee/App. PRAs	287	1.0
Direct Containment Heating	2000	1.0

	PTS $	FTE
Generic & Unresolved Safety Issues:		
Engineering Issues	280	3.5
TOTAL NSS - PWR ONLY	4266	7.6
I. NSSS PWR LDS - (Westinghouse Only)		
Assessment of Plant Risks	470	0.9
J. NSSS - (BWR Only) (GE)		
Prevent Reactor Core Damage:		
Operating Reactors	50	0.1
HRA/PRA Results Application	150	0.2
Accident Management - Strategies	300	0.3
Review of Licensee/Appl. PRA's	150	0.4
Core Melt Progression & H_2 Gen	300	0.1
Reactor Containment Safety - Integrated Codes & Appls	600	0.4
TOTAL	1550	1.5
K. GE - MARK II		
Reactor Accident Risk Analysis-Assessment of Plant Risks	90	0.2
L. GE - MARK III ONLY		
Assessment of Plant Risks	640	1.3
M. Materials - LLW	1321	3.4
TOTAL NSR	87,900	148.1 (Direct)

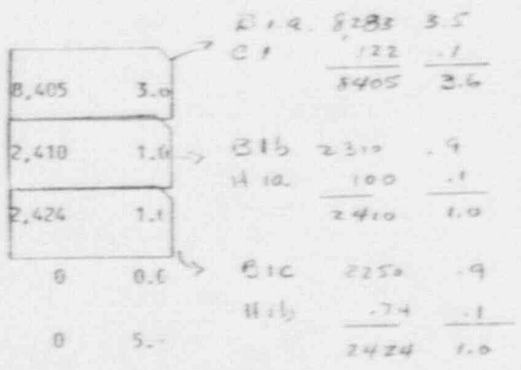
NUCLEAR SAFETY RESEARCH
FY 1991-1995 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Program Support Dollars in Thousands, Staff Years in Full-Time Equivalents)

Date Printed: 03/29/91

Data as of: 08/17/90/0905

FY 1991

	$	FTE
PROGRAM: Integrity of Reactor Components		
PROGRAM ELEMENT: Reactor Vessel and Piping Integrity (RES)		
ACTIVITIES:		
1. Pressure Vessel Safety	8,405	3.0
2. Piping Integrity	2,410	1.0
3. Inspection Procedures and Techniques	2,424	1.0
4. US-USSR Cooperative Agreement	0	0.0
5. Overhead	0	5.0
PROGRAM ELEMENT TOTAL:	$13,239	11.0



NUCLEAR SAFETY RESEARCH
FY 1991-1995 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Program Support Dollars in Thousands, Staff Years in Full-Time Equivalents)

Date Printed: 03/29/91

Data as of: 08/17/90/0905

FY 1991

	$	FTE
PROGRAM ELEMENT: Aging of Reactor Components (RES)		
ACTIVITIES:		
1. Aging Research	7,491	4.8
2. Overhead	0	4.2
PROGRAM ELEMENT TOTAL:	**$7,491**	**9.0**

A1 6369 4.1
B2 1122 .7
7491 4.8

	$	FTE
PROGRAM ELEMENT: Engineering Standards Support (RES)		
ACTIVITIES:		
1. Engineering Standards Support	900	3.7
2. Overhead	0	0.3
PROGRAM ELEMENT TOTAL:	**$900**	**4.0**

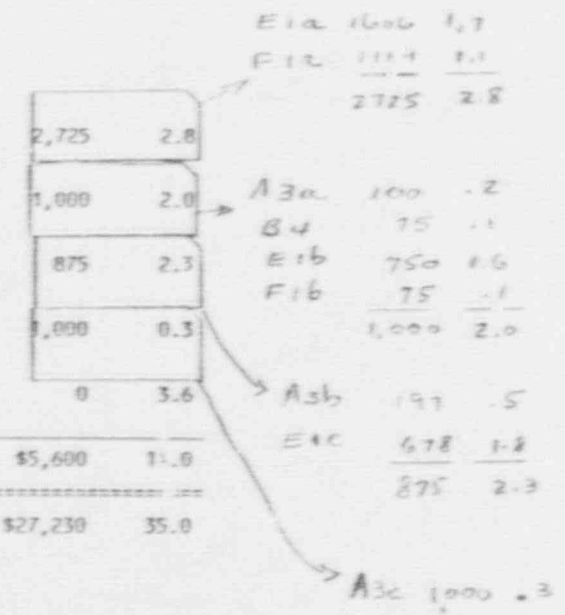
A2 650 2.7
B3 250 1.0
900 3.7

NUCLEAR SAFETY RESEARCH
FY 1991 1995 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Program Support Dollars in Thousands, Staff Years in Full-Time Equivalents)

Date Printed: 05/29/91

Data as of: 08/17/90/0905

	FY 1991	
	$	FTE
PROGRAM ELEMENT: Seismic and Structural Research (RES)		
ACTIVITIES:		
1. Earth Sciences	2,725	2.8
2. Seismic Research Applications	1,000	2.0
3. Plant Response to Ground Motion	875	2.3
4. Structural Integrity	1,000	0.3
5. Overhead	0	3.6
PROGRAM ELEMENT TOTAL:	$5,600	11.0
PROGRAM TOTAL: Integrity of Reactor Components	$27,230	35.0



NUCLEAR SAFETY RESEARCH
FY 1991-1995 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Program Support Dollars in Thousands, Staff Years in Full-Time Equivalents)

Date Printed: 03/29/91
Data as of: 08/17/90/0905

FY 1991

	$	FTE
PROGRAM: Preventing Damage to Reactor Cores		
PROGRAM ELEMENT: Plant Performance (RES)		
ACTIVITIES:		
1. Experiments	2,025	2.4
2. Modeling	1,300	2.0
3. Overhead	0	2.6
PROGRAM ELEMENT TOTAL:	$3,325	7.0
PROGRAM ELEMENT: Reactor Applications (RES)		
ACTIVITIES:		
1. Operating Reactors	1,300	3.1
2. LWR Systems Studies	750	1.5
3. Overhead	0	2.4
PROGRAM ELEMENT TOTAL:	$2,050	7.0

A4 150 .2
B5a 950 1.2
H2 925 1.0
2025 2.4

B5b 850 1.3
C2 250 .4
D1 200 .3
1,300 2.0

B6 650 1.6
D2a 250 .6
H3 350 .8
F1 50 .1
1,300 3.1

C3 480 1.0
D2b 270 .5
750 2.5

NUCLEAR SAFETY RESEARCH
FY 1991-1995 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Program Support Dollars in Thousands, Staff Years in Full-Time Equivalents)

Date Printed: 03/29/91
Data as of: 08/17/90/0905

FY 1991

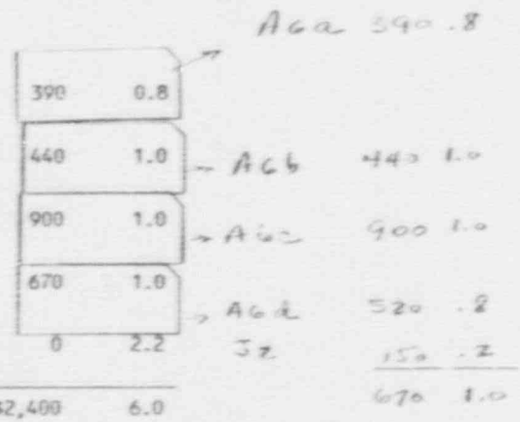
	$	FTE
PROGRAM ELEMENT: Human Factors (RES)		
ACTIVITIES:		
1. Personnel Performance Measurement	1,900	1.5
2. The Personnel Subsystem	400	1.1
3. Human-System Interface	2,000	1.3
4. Organization and Management	1,100	1.3
5. Overhead	0	2.8
PROGRAM ELEMENT TOTAL:	$5,400	8.0

A5a 1900 1.5
A5b 400 1.1
A5c 1965 1.2
A7 35 .1
2,000 1.3
A5d 1100 1.3

NUCLEAR SAFETY RESEARCH
FY 1991-1995 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Program Support Dollars in Thousands, Staff Years in Full-Time Equivalents)

Date Printed: 03/29/91
Data as of: 08/17/90/0905

	FY 1991	
	$	FTE
PROGRAM ELEMENT: Reliability Assessment		
ACTIVITIES:		
1. Data Acquisition and Quantification	390	0.8
2. Data Management Systems	440	1.0
3. HRA/PRA Integration	900	1.0
4. HRA/PRA Results Application	670	1.0
5. Overhead	0	2.2
PROGRAM ELEMENT TOTAL:	$2,400	6.0



NUCLEAR SAFETY RESEARCH
FY 1991-1995 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Program Support Dollars in Thousands, Staff Years in Full-Time Equivalents)

Date Printed: 03/29/91

Data as of: 08/17/90/0905

FY 1991

	$	FTE
PROGRAM ELEMENT: Accident Management (RES)		
ACTIVITIES:		
1. Guidance and Implementation	650	.0
2. Strategies	1,850	2.0
3. Overhead	0	2.0
PROGRAM ELEMENT TOTAL:	$2,500	5.0

B8a 650 1.0

B8b 1360 1.5
D3 40 .1
H4 150 .1
J3 300 .3
1850 2.0

NUCLEAR SAFETY RESEARCH
FY 1991-1995 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Program Support Dollars in Thousands, Staff Years in Full-Time Equivalents)

Date Printed: 03/29/91
Data as of: 08/17/90/0935

FY 1991

	$	FTE
PROGRAM ELEMENT: Reactor Accident Risk Analysis (RES)		
ACTIVITIES:		
1. Review of Licensee/Applicant PRAs	600	2.0
2. Assessment of Plant Risks	1,500	3.0
3. Risk Model Development, QA, and Maintenance	1,250	3.0
4. Risk Model Applications	2,650	3.0
5. Overhead	0	6.0
PROGRAM ELEMENT TOTAL:	$6,000	17.0
PROGRAM TOTAL: Preventing Damage to Reactor Cores	$21,675	50.0

A1a 150 .5
C4 13 .1
H5 287 1.0
I4 150 .4
600 2.0

B9a 300 .6
I1 470 .9
K1 90 .2
L 640 1.3
1500 3.0

A7b 885 2.1
B9b 365 .9
1250 3.0

A7c 1725 2.0
B9c 925 1.0
2650 3.0

NUCLEAR SAFETY RESEARCH
FY 1991 1995 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Program Support Dollars in Thousands, Staff Years in Full-Time Equivalents)

Date Printed: 03/29/91

Data as of: 09/17/90/0905

	FY 1991	
	$	FTE
PROGRAM: Reactor Containment Performance		
PROGRAM ELEMENT: Core Melt and Reactor Coolant System Failure (RES)		
ACTIVITIES:		
1. Core Melt Progression and Hydrogen Generation	4,455	2.0
2. Natural Circulation in Reactor Coolant System	0	0.0
3. Fuel-Coolant Interaction	900	1.0
4. Fission Product Behavior and Chemical Form	1,600	1.0
5. Overhead	0	2.0
PROGRAM ELEMENT TOTAL:	$6,955	6.0

A8 27 .1
B10a 4128 1.8
J5 300 .1
4455 2.0

B10b 900 1.0

B10c 1600 1.0

	FY 1991	
	$	F.E
PROGRAM ELEMENT: Reactor Containment Safety (RES)		
ACTIVITIES:		
1. Core/Concrete Interaction	1,660	1.0
2. Direct Containment Heating	2,000	1.0
3. Hydrogen Transport and Combustion	800	1.0
4. Integrated Codes and Applications	4,115	3.0
5. Overhead	0	4.0
PROGRAM ELEMENT TOTAL:	$8,575	10.0

A9 241 .1
B11a 1279 .8
D4 140 .1
1660 1.0

H6 2000 1.0

B11b 800 1.0

B11c 3515 2.6
I6 600 .4
4115 3.0

NUCLEAR SAFETY RESEARCH
FY 1991-1995 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Program Support Dollars in Thousands, Staff Years in Full-Time Equivalents)

Date Printed: 03/29/91

Data as of: 08/17/90/0905

FY 1991

	$	FTE
PROGRAM ELEMENT: Reactor Containment Structural Integrity (RES)		
ACTIVITIES:		
1. Structural Tests	1,800	2.0
2. Overhead	0	1.0
PROGRAM ELEMENT TOTAL:	$1,800	3.0
PROGRAM TOTAL: Reactor Containment Performance	$17,330	19.0

A10 1700 1.9
B12 100 .1
1,800 2.0

NUCLEAR SAFETY RESEARCH
FY 1991-1995 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Program Support Dollars in Thousands, Staff Years in Full-Time Equivalents)

Date Printed: 03/29/91

Data as of: 08/17/90/0905

FY 1991

	$	FTE
PROGRAM: Confirming the Safety of Low-Level Waste Disposal (RES)		
ACTIVITIES:		
1. Materials and Engineering	1,355	2.5
2. Hydrology and Geochemistry	1,205	2.0
3. Compliance, Assessment, and Modeling	741	2.5
4. Support of Rulemaking	0	1.5
5. Overhead	0	4.5
PROGRAM TOTAL:	$3,301	13.0

To LLW

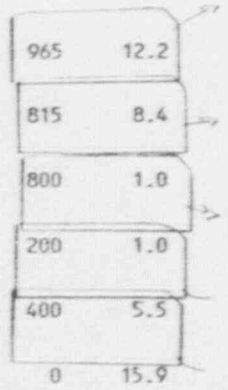
NUCLEAR SAFETY RESEARCH
FY 1991-1995 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Program Support Dollars in Thousands, Staff Years in Full-Time Equivalents)

Date Printed: 03/29/91

Data as of: 08/17/90/0905

FY 1991

	$	FTE
PROGRAM: Resolving Safety Issues and Developing Regulations		
PROGRAM ELEMENT: Generic and Unresolved Safety Issues (RES)		
ACTIVITIES:		
1. Engineering Issues	965	12.2
2. Reactor System Issues	815	8.4
3. Human Factors Issues	800	1.0
4. Severe Accident Issues	200	1.0
5. Mgmt of Safety Issues Resolution	400	5.5
6. Overhead	0	15.9
PROGRAM ELEMENT TOTAL:	$3,180	44.0



A IIa 685 8.7
H 1a 280 3.5
965 12.2

A IIb 345 3.6
B 13a 470 4.8
815 8.4

A IIc 800 1.0

A IId 200 1.0

A IIE 400 5.5

NUCLEAR SAFETY RESEARCH
FY 1991-1995 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Program Support Dollars in Thousands, Staff Years in Full-Time Equivalents)

Date Printed: 03/29/91
Date as of: 08/17/90/0905

FY 1991

	$	FTE
PROGRAM ELEMENT: Standardized and Advanced Reactors (RES)		
ACTIVITIES:		
1. Review Advanced Reactor Concepts	1,325	3.5
2. Licensing Criteria	500	2.0
3. Plant Standardization	0	0.5
4. Overhead	0	3.0
PROGRAM ELEMENT TOTAL:	$1,825	9.0

A12a 1325 3.5
A12b 500 2.0
A12c - .5

NUCLEAR SAFETY RESEARCH
FY 1991-1995 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Program Support Dollars in Thousands, Staff Years in Full-Time Equivalents)

Date Printed: 03/29/91
Date as of: 08/17/90/0905

FY 1991

PROGRAM ELEMENT: Fuel Cycle, Transportation, and Safeguards (RES)

ACTIVITIES:	$	FTE
1. Decommissioning & Fuel Cycle	775	2.0
2. Transportation	150	1.0
3. Safeguards	100	1.0
4. Overhead	0	3.0
PROGRAM ELEMENT TOTAL:	$1,025	7.3

Power Reactors
B14C 581 1.5
A13 50 .5

Spent Fuel Storage
194 .5

Fuel Facilities
50 .5

NUCLEAR SAFETY RESEARCH
FY 1991-1995 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Program Support Dollars in Thousands, Staff Years in Full-Time Equivalents)

Date Printed: 03/29/91
Date as of: 08/17/90/0905

	FY 1991	
	$	FTE
PROGRAM ELEMENT: Developing and Improving Regulations (RES)		
ACTIVITIES:		
1. Regulation Development/Modification	600	5.0
2. Independent Review and Control of Rulemaking	0	2.0
3. Regulatory Analysis of Regulations	1,300	3.0
4. Rule for License Renewal	1,300	4.0
5. Safety Goal Implementation	200	1.0
6. Research Educational Grants	1,165	0.0
7. Small Business Innovation Research	500	0.0
8. Overhead	0	0.0
PROGRAM ELEMENT TOTAL:	$5,065	23.0

A.14a 600 5.0
A.14b 2.0
A.14c 1300 3.0
B.15 1300 4.0
A.14d 200 1.0
A.14E 1165 —
A.14F 500 —

	FY 1991	
	$	FTE
PROGRAM ELEMENT: Severe Accident Implementation (RES)		
ACTIVITIES:		
1. Containment Performance Improvements	150	0.5
2. Regulatory Application of New Source Terms	394	2.5
3. Individual Plant Examinations	1,500	5.0
4. External Event Safety Margins	625	2.0
5. Overhead	0	6.0
PROGRAM ELEMENT TOTAL:	$2,669	16.0

A15a 150 .5
A15b 325 2.1
B16 69 .4
394 2.5
A15c 1500 5.0
A15d 625 2.0

NUCLEAR SAFETY RESEARCH
FY 1991-1995 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Program Support Dollars in Thousands, Staff Years in Full-Time Equivalents)

Date Printed: 03/29/91

Data as of: 08/17/90/0905

FY 1991

	$	FTE
PROGRAM ELEMENT: Radiation Protection and Health Effects (RES)		
ACTIVITIES:		
1. Radiation Protection Issues	625	2.0
2. Health Effects Research	950	2.0
3. Radiation Rules and Regulatory Guidance	1,000	1.0
4. Environmental Policy and Decommissioning	2,025	6.0
5. Overhead	0	3.0
PROGRAM ELEMENT TOTAL:	$4,600	14.0
PROGRAM TOTAL: Resolving Safety Issues and Developing Regulations	$18,364	113.0

A16a — Power Reactors: 469 1.5 — Materials: 156 .5

A16b — Power Reactors: 712 1.5 — Materials: 238 .5

A16c — Power Reactors: 750 .8 — Materials: 250 .3

A16d — Power Reactors: 1110 3.3 — Materials: 405 1.2 — Fuel Facilities: 101 .3

B17 — Power Reactors: 409 1.2

Power Reactors: 1519 4.5

NUCLEAR SAFETY RESEARCH
FY 1991-1995 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Program Support Dollars in Thousands, Staff Years in Full-Time Equivalents)

Date Printed: 03/29/91

Data as of: 08/17/90/0905

	FY 1991	
	$	FTE
MISSION AREA SUBTOTALS:		
Direct Resources	87,900	148.1
Overhead	0	81.9
MISSION AREA TOTAL:	$87,900	230.0

FY 1991

	$	FTE
PROGRAM: Nuclear Material Safety		
PROGRAM ELEMENT: Fuel Facility and Spent Fuel Storage Licensing and Inspection		
ACTIVITIES:		
1. Fuel Facility Licensing		
NMSS	930	17.2
REGIONS		0.1
ACTIVITY TOTAL:	930	17.3
2. Fuel Facility Inspections		
NMSS	1000	9.5
REGIONS		13.5
ACTIVITY TOTAL:	1,000	14.0
3. Spent Fuel Storage Licensing and Inspection		
NMSS	800	3.5
REGIONS		0.0
ACTIVITY TOTAL:	800	3.5

FY 1991

	$	FTE
4. Section Supervision		
NMSS	0	2.6
REGIONS	0	1.7
ACTIVITY TOTAL:	0	4.3
5. Overhead		
NMSS	0	8.2
REGIONS	0	3.7
ACTIVITY TOTAL:	0	11.9
PROGRAM ELEMENT TOTAL: Fuel Facility and Spent Fuel Storage Licensing and Inspection		
NMSS	2,730	32.8
REGIONS	0	19.0
TOTAL:	$2,730	51.8

NUCLEAR MATERIAL & LOW-LEVEL WASTE SAFETY & SAFEGUARDS REGULATION
FY 1991-1995 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Program Support Dollars in Thousands, Staff Years in Full-Time Equivalents)

Date Printed: 03/05/91

Data as of: 08/08/90/0837

FY 1991

	$	FTE
PROGRAM ELEMENT: Licensing and Inspection of Nuclear Material Users		
ACTIVITIES:		
1. Materials Licensing		
NMSS	1,477	18.1
REGIONS	0	23.1
ACTIVITY TOTAL:	$1,477	41.2
2. Materials Licensee Inspections		
NMSS	695	3.4
REGIONS	0	49.0
ACTIVITY TOTAL:	$695	52.4
3. Section Supervision		
NMSS	0	2.7
REGIONS	0	9.0
ACTIVITY TOTAL:	$0	11.7

FY 1991

	$	FTE
4. Overhead		
NMSS	0	11.8
REGIONS	0	18.9
ACTIVITY TOTAL:	$0	30.7
PROGRAM ELEMENT TOTAL: Licensing and Inspection of Nuclear Material Users		
NMSS	2,172	35.0
REGIONS	0	101.0
TOTAL:	$2,172	136.0

FY 1991

	$	FTE
PROGRAM ELEMENT: Event Evaluation		
ACTIVITIES:		
1. Event Evaluation		
NMSS	0	4.9
REGIONS	0	10.0
ACTIVITY TOTAL:	$0	14.9
2. Section Supervision		
NMSS	0	0.6
REGIONS	0	1.3
ACTIVITY TOTAL:	$0	1.9

FY 1991

	$	FTE
3. Overhead		
NMSS	0	3.5
REGIONS	0	2.7
ACTIVITY TOTAL:	$0	6.2
PROGRAM ELEMENT TOTAL: Event Evaluation		
NMSS	0	9.0
REGIONS	0	14.0
TOTAL:	$0	23.0
PROGRAM TOTAL: Nuclear Material Safety		
NMSS	4,902	77.0
REGIONS	0	133.0
TOTAL:	$4,902	210.0

FY 1991

	$	FTE
PROGRAM: Nuclear Material Transportation and Safeguards		
PROGRAM ELEMENT: Regulating the Transport of Nuclear Materials		
ACTIVITIES:		
1. Transport Package Certification (X HLW)		
NMSS	550	12.3
REGIONS	0	0.0
ACTIVITY TOTAL:	$550	12.3
2. Licensee Transportation Safeguards Plans		
NMSS	0	2.8
REGIONS	0	0.5
ACTIVITY TOTAL:	$0	3.3
3. Transport Inspection		
NMSS	130	2.7
REGIONS	0	1.1
ACTIVITY TOTAL:	$130	3.8

FY 1991

	$	FTE
4. Section Supervision		
NMSS	0	2.4
REGIONS	0	0.1
ACTIVITY TOTAL:	$0	2.5
5. Overhead		
NMSS	0	7.8
REGIONS	0	0.3
ACTIVITY TOTAL:	$0	8.1
PROGRAM ELEMENT TOTAL: Regulating the Transport of Nuclear Materials		
NMSS	680	28.0
REGIONS	0	2.0
TOTAL:	$680	30.0

FY 1991

	$	FTE
PROGRAM ELEMENT: Safeguards Licensing and Inspection		
ACTIVITIES:		
1. Fuel Facility Safeguards Licensing		
NMSS	575	7.4
REGIONS	0	0.3
ACTIVITY TOTAL:	$575	7.7
2. Export Licensing (NMSS)	0	2.7
3. Fuel Facility Inspections		
NMSS	200	5.6
REGIONS	0	2.8
ACTIVITY TOTAL:	$200	8.4

	FY 1991	
	$	FTE
4. Section Supervision		
NMSS	0	2.0
REGIONS	0	0.4
ACTIVITY TOTAL:	$0	2.4
5. Overhead		
NMSS	0	9.3
REGIONS	0	1.5
ACTIVITY TOTAL:	$0	10.8
PROGRAM ELEMENT TOTAL: Safeguards Licensing and Inspection		
NMSS	775	27.0
REGIONS	0.0	5.0
TOTAL:	$775	32.0

FY 1991

	$	FTE
PROGRAM ELEMENT: Threat and Event Assessment and International Safeguards (NMSS)		
ACTIVITIES:		
1. Policy, Threat and Event Assessment	430	7.4
2. International Safeguards	0	4.0
3. Section Supervision	0	1.4
6. Overhead	0	6.2
PROGRAM ELEMENT TOTAL: Threat and Event Assessment and International Safeguards		
TOTAL: (NMSS)	$430	19.0
PROGRAM TOTAL: Nuclear Material Transportation and Safeguards		
NMSS	1,885	74.0
REGIONS	0	7.0
TOTAL:	$1,885	81.0

FY 1991

	$	FTE
PROGRAM: Low Level Waste		
PROGRAM ELEMENT: Low Level Waste Disposal Licensing and Inspection		
ACTIVITIES:		
1. Low-Level Waste Regulation and Guidance Development (NMSS)	563	5.8
2. Conduct License Reviews for Low Level Waste Facilities (NMSS)	450	6.8
3. Provide Technical Assistance to States (NMSS)	100	1.8
4. Develop and Implement Inspection Activities		
NMSS	0	2.0
REGIONS	0	1.4
ACTIVITY TOTAL:	$0	3.4

FY 1991

	$	FTE
5. Section Supervision		
NMSS	0	2.1
REGIONS	0	0.2
ACTIVITY TOTAL:	$0	2.3
6. Overhead		
NMSS	0	8.5
REGIONS	0	0.4
ACTIVITY TOTAL:	$0	8.9
PROGRAM ELEMENT TOTAL: Low Level Waste Disposal Licensing and Inspection		
NMSS	1,113	27.0
REGIONS	0	2.0
TOTAL:	$1,113	29.0

FY 1991

	$	FTE
PROGRAM ELEMENT: Uranium Recovery Licensing and Inspection		
ACTIVITIES:		
1. Uranium Recovery Licensing and Inspection		
NMSS	100	3.2
REGIONS	100	6.7
ACTIVITY TOTAL:	$200	9.9
2. Review of DOE UMTRCA Actions		
NMSS	400	8.0
REGIONS	0	3.0
ACTIVITY TOTAL:	$400	11.0
3. Section Supervision		
NMSS	0	1.4
REGIONS	0	0.0
ACTIVITY TOTAL:	$0	1.4

FY 1991

	$	FTE
4. Overhead		
NMSS	0	5.4
REGIONS	0	2.3
ACTIVITY TOTAL:	$0	7.7

PROGRAM ELEMENT TOTAL: Uranium Recovery Licensing and Inspection

NMSS	500	18.0
REGIONS	100	12.0
TOTAL:	$600	30.0

NUCLEAR MATERIAL & LOW-LEVEL WASTE SAFETY & SAFEGUARDS REGULATION
FY 1991-1995 FIVE YEAR PLAN
DETAILED RESOURCE REPORT
(Program Support Dollars in Thousands, Staff Years in Full-Time Equivalents)

Date Printed: 03/05/91
Date as of: 08/08/90/0837

FY 1991

	$	FTE
PROGRAM ELEMENT: Decommissioning		
ACTIVITIES:		
1. Power Reactor Decommissioning		
NMSS	100	2.9
REGIONS	0	0.9
ACTIVITY TOTAL:	$100	3.8
2. Material and Fuel Facility Decommissioning		
NMSS	1,100	7.6
REGIONS	0	1.6
ACTIVITY TOTAL:	$1,100	9.2
3. Section Supervision		
NMSS	0	1.1
REGIONS	0	0.3
ACTIVITY TOTAL:	$0	1.4

	FY 1991	
	$	FTE
4. Overhead		
NMSS	0	1.4
REGIONS	0	3.2
ACTIVITY TOTAL:	$0	4.6
PROGRAM ELEMENT TOTAL: Decommissioning		
NMSS	1,200	10.0
REGIONS	0	9.0
TOTAL:	$1,200	19.0
PROGRAM TOTAL: Low Level Waste		
NMSS	2,813	61.0
REGIONS	100	17.0
TOTAL:	$2,913	78.0

NUCLEAR MATERIAL & LOW-LEVEL WASTE SAFETY & SAFEGUARDS REGULATION

FY 1991-1995 FIVE-YEAR PLAN

DETAILED RESOURCE REPORT

(Program Support Dollars in Thousands, Staff Years in Full-Time Equivalents)

Date Printed: 03/05/91

Date as of: 08/08/90/0837

FY 1991

	$	FTE
MISSION AREA TOTAL:		
Direct Resources		
NMSS	9,600	146.9
REGIONS	100	127.0
Subtotal	$9,700	273.9
Overhead		
NMSS	0	65.1
REGIONS	0	30.0
Subtotal	$0	95.1
Total Resources		
NMSS	9,600	212.0
REGIONS	100	157.0
MISSION AREA TOTAL:	$9,700	369.0

SPECIAL AND INDEPENDENT REVIEW , NVESTIGATIONS, AND ENFORCEMENT
FY 1991-1995 :IVE YEAR PLAN
DETAILED RESOURCE REPORT
(Program Support Dollars in Thousands, Staff Years in Full-Time Equivalents)

Date Printed: 03/05/91

Data as of: 08/07/90/1529

FY 1991

	$	FTE
PROGRAM: Special Safety Reviews		
PROGRAM ELEMENT: Diagnostic Evaluations (AEOD)		
ACTIVITIES:		
1. Conduct Diagnostic Evaluations of Licensee Performance	350	7.0
2. Overhead	0	2.6
PROGRAM ELEMENT TOTAL:	$350	9.0
		-2.0 OVERHEAD } To Power Reactors
		7.0 Direct }
PROGRAM ELEMENT: Incident Investigation (AEOD)		
ACTIVITIES:		
1. Manage Incident Investigation	50	3.9
2. Overhead	0	1.1
PROGRAM ELEMENT TOTAL:	$50	5.0
		-2.0 OVERHEAD } To Power Reactors
		3.0 Direct }

FY 1991

	$	FTE
PROGRAM ELEMENT: NRC Incident Response		
ACTIVITIES:		
1. Emergency Response Data System		
AEOD	124	1.0
Regions	0	0.0
ACTIVITY TOTAL:	$124	1.0
2. Develop and Maintain Response Center Equipment, Procedures, and Analytical Tools		
AEOD	1,455	4.0
Regions	0	0.0
ACTIVITY TOTAL:	$1,455	4.0
3. Program Coordination and Development		
AEOD	621	4.0
Regions	0	9.0
ACTIVITY TOTAL:	$621	13.0

FY 1991

	$	FTE
4. Operations Officers		
AEOD	0	9.0
Regions	0	0.0
ACTIVITY TOTAL:	$0	9.0
5. Overhead		
AEOD	0	7.0
Regions	0	0.0
ACTIVITY TOTAL:	$0	7.0
PROGRAM ELEMENT TOTAL: NRC Incident Response		
AEOD	2,200	25.0
Regions	0	9.0
TOTAL:	$2,200	34.0
		- 7.0 OVERHEAD
		27.0 DIRECT

} To Power Reactors

	FY 1991	
	$	FTE
PROGRAM ELEMENT: Technical Training Center (AEOD)		
ACTIVITIES:		
1. PWR/BWR Technology Training	1,942	18.0
2. Other Specialized Technical Training	883	4.0
3. Administrative Support		
a. Transportation of Things	3	0.0
b. Rent, Comm., Utilities, and Miscellaneous Charges	370	0.0
c. Printing and Reproduction	20	0.0
d. Other Facility Services	88	0.0
e. Supplies and Materials	164	0.0
f. Capital Equipment	30	0.0
ACTIVITY TOTAL:	$675	0.0

FY 1991

	$	FTE
4. Overhead	0	8.0
PROGRAM ELEMENT TOTAL (Pgm Spt & FTE):	$2,825	30.0
PROGRAM ELEMENT TOTAL (Adm Spt):	$675	

To Overhead

PROGRAM TOTAL: Special Safety Reviews

AEOD (Pgm Spt & FTE)	5,425	68.0
Regions (Pgm Spt & FTE)	0	9.0
TOTAL (Pgm Spt & FTE):	$5,425	77.0
TOTAL (Adm Spt (AEOD)):	$675	

SPECIAL AND INDEPENDENT REVIEWS, INVESTIGATIONS, AND ENFORCEMENT — Date Printed: 03/05/91 — Data as of: 08/07/90/1529

FY 1991-1995 FIVE-YEAR PLAN

DETAILED RESOURCE REPORT

(Program Support Dollars in Thousands, Staff Years in Full-Time Equivalents)

FY 1991

	$	FTE
PROGRAM: Operational Experience Evaluation		
PROGRAM ELEMENT: Operational Data Analysis (AE00)		
ACTIVITIES:		
1. Analysis of Operational Experience	268	18.0
2. Analysis of Operational Trends and Patterns	1,705	7.0
3. Overhead	0	10.0
PROGRAM ELEMENT TOTAL:	$1,973	35.0
		-10.0 overhead
		25.0 Direct
PROGRAM ELEMENT: Performance Indicators (AE00)		
ACTIVITIES:		
1. Manage Performance Indicator Activities	980	4.0
2. Overhead	0	1.0
PROGRAM ELEMENT TOTAL:	$980	5.0
		-1.0 overhead
		4.0 Direct

To Power Reactors

PTS	FTE
1873	23.0

To Materials Program

PTS	FTE
100	2.0

To Power Reactors

FY 1991

	$	FTE
PROGRAM ELEMENT: Operational Data Collection and Dissemination (AEOD)		
ACTIVITIES:		
1. Collect, Screen, and Feed Back Operational Data	927	3.9
2. Operational and Reliability Data Systems	1,220	2.0
3. Overhead	0	2.1
PROGRAM ELEMENT TOTAL:	$2,147	7.0 − 2.0 OVERHEAD = 5.0 Direct
PROGRAM TOTAL: Operational Experience Evaluation	$5,100	47.0
PROGRAM: Independent Safety Reviews and Advice		
PROGRAM ELEMENT: Advisory Committee on Reactor Safeguards (ACRS) — TO OVERHEAD		
ACTIVITIES:		
1. Reactor Operations and Licensing	56	13.0
2. Future Reactors	22	2.0

To Power Reactors

FY 1991

	$	FTE
3. Resolution of Safety Issues	48	5.0
4. Safety Research	28	2.0
5. Safety-Related Policies, Practices and Technology	86	9.0
PROGRAM ELEMENT TOTAL:	$240	31.0
PROGRAM ELEMENT: Advisory Committee on Nuclear Waste (ACNW) — Proposed		
ACTIVITIES		
1. Low Level Waste Management	80	3.0
PROGRAM ELEMENT TOTAL:	$80	3.0
PROGRAM TOTAL: Independent Safety Reviews and Advice	$320	34.0

FY 1991

	$	FTE
PROGRAM: Independent Adjudicatory Reviews		
PROGRAM ELEMENT: ASLBP — TO OVERHEAD		
ACTIVITIES:		
1. Administrative Judges (X HLW)	0	17.0
2. Administrative Support (X HLW)	675	14.0
PROGRAM ELEMENT TOTAL:	$675	31.0
PROGRAM ELEMENT: ASLAP — TO OVERHEAD		
ACTIVITIES:		
1. Review Decisions of and Applications from Licensing Boards and Administrative Law Judges (X HLW)	5	10.0
PROGRAM ELEMENT TOTAL:	$5	10.0
PROGRAM TOTAL: Independent Adjudicatory Reviews	$680	41.0

FY 1991

	$	FTE
PROGRAM: External Investigations (OI) TO OMIGSAD		
ACTIVITIES:		
1. Investigations/Referrals	0	44.0
PROGRAM TOTAL: External Investigations	$0	44.0
PROGRAM: Enforcement		
ACTIVITIES:		
1. Enforcement		
OE	20	11.0
Regions	0	8.0
ACTIVITY TOTAL:	$20	19.0
PROGRAM TOTAL:		
OE	20	11.0
REGIONS	0	8.0
TOTAL:	$20	19.0

FY 1991

	$	FTE
MISSION AREA SUBTOTALS:		
Direct Resources		
AEOD	10,525	84.0
ACRS/ACNW	320	34.0
ASLBP	675	31.0
ASLAP	5	10.0
OI	0	44.0
OE	20	11.0
REGIONS	0	17.0
Total Direct Resources:	$11,545	231.0
Overhead and Administrative Support		
AEOD	675	31.0
Regions	0	0.0
Total Overhead and Admin. Spt.:	$675	31.0

SPECIAL AND INDEPENDENT REVIEWS, INVESTIGATIONS, AND ENFORCEMENT
FY 1991-1995 FTE-YEAR PLAN
DETAILED RESOURCE REPORT
(Program Support Dollars in Thousands, Staff Years in Full-Time Equivalents)

Date Printed: 03/05/91
Date as of: 08/07/90/1529

	FY 1991	
	$	FTE
MISSION AREA TOTALS:		
Program Support and FTE:		
AEOD	10,525	115.0
ACRS/ACNW	320	34.3
ASLBP	675	31.0
ASLAP	5	13.0
OI	0	44.0
OE	20	11.0
REGIONS	0	17.0
	$11,545	262.0
Administrative Support (AEOD):	$675	

NUCLEAR SAFETY MANAGEMENT AND SUPPORT
FY 1991-1995 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

Date Printed: 04/02/91
Data as of: 08/09/90/0900

	FY 1991	
	$	FTE
PROGRAM: Commission (PS/FTE)	160	42.0
PROGRAM: EDO (PS/FTE)	300	22.9
PROGRAM: Consolidation		
PROGRAMMATIC ACTIVITIES:	0	8.0
ADMINISTRATIVE SUPPORT ACTIVITIES:		
1. Repair and Maintenance	0	0.0
2. Telecom Systems and Equipment	0	0.0
3. Facility and Space Preparation	630	0.0
4. Property and Supply	0	0.0
5. Moving and Relocation	0	0.0
6. Security	0	0.0
7. Miscellaneous Costs	70	0.0
PROGRAM TOTAL: Consolidation (AS/FTE)	$700	8.0

NUCLEAR SAFETY MANAGEMENT AND SUPPORT
FY 1991-1995 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

Date Printed: 04/02/91
Data as of: 08/09/90/0900

FY 1991

	$	FTE
PROGRAM: General Counsel		
PROGRAM ELEMENT: Office of the General Counsel		
ACTIVITIES:		
1. General Counsel's Office		
OGC	0	2.0
Regions	0	5.0
ACTIVITY TOTAL:	$0	7.0
2. Support Staff	0	10.0
3. Solicitor	0	3.0
PROGRAM ELEMENT TOTAL (PS/FTE):		
OGC	0	15.0
Regions	0	5.0
TOTAL:	$0	20.0

NUCLEAR SAFETY MANAGEMENT AND SUPPORT
FY 1991-1995 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

Date Printed: 04/02/91
Data as of: 08/09/90/0900

	FY 1991	
	$	FTE
PROGRAM ELEMENT: Licensing and Regulation		
ACTIVITIES:		
1. Deputy General Counsel's Office	0	3.0
2. Adjudication and Opinions	0	16.0
3. Rulemaking and Fuel Cycle (XHLW)	0	11.0
PROGRAM ELEMENT TOTAL (PS/FTE):	$0	30.0
PROGRAM ELEMENT: Hearings, Enforcement, and Administration		
ACTIVITIES:		
1. Deputy General Counsel's Office	90	2.0
2. Hearings and Enforcement (X HLW)	0	35.4
3. Administration	0	12.6
PROGRAM ELEMENT TOTAL (PS/FTE):	$90	50.0

NUCLEAR SAFETY MANAGEMENT AND SUPPORT
FY 1991-1995 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

Date Printed: 04/02/91
Data as of: 08/09/90/0900

FY 1991

	$	FTE
PROGRAM TOTAL: General Counsel (PS/FTE)		
OGC	90	95.0
Regions	0	5.0
TOTAL	$90	100.0

NUCLEAR SAFETY MANAGEMENT AND SUPPORT
FY 1991-1995 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

Date Printed: 04/02/91
Date as of: 08/09/90/0900

	FY 1991	
	$	FTE
PROGRAM: Governmental and Public Affairs		
PROGRAM ELEMENT: Director's Office	10	3.0
PROGRAM ELEMENT: Congressional Affairs	5	10.0
PROGRAM ELEMENT: Public Affairs	20	16.0
PROGRAM ELEMENT: International Activities	310	22.0
PROGRAM ELEMENT: State Activities		
GPA	925	16.0
Regions	0	10.0
PROGRAM ELEMENT TOTAL:	$925	26.0
PROGRAM TOTAL: Governmental and Public Affairs (PS/FTE)		
GPA	1,270	67.0
Regions	0	10.0
TOTAL:	$1,270	77.0

NUCLEAR SAFETY MANAGEMEN. AND SUPPORT
FY 1991-1995 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

Date Printed: 04/02/91
Date as of: 08/09/90/0900

	FY 1991 $	FY 1991 FTE
PROGRAM: Controller		
PROGRAM ELEMENT: Director's Office		
PROGRAMMATIC ACTIVITIES (PS/FTE):	380	5.0
ADMINISTRATIVE SUPPORT ACTIVITIES:		
1. Change of Station	1,200	0.0
2. Employee Relocation Services	1,800	0.0
3. Insurance Claims and Indemnities	100	0.0
ADMINISTRATIVE SUPPORT TOTAL:	$3,100	0.0
PROGRAM ELEMENT: Budget and Analysis	0	24.0
PROGRAM ELEMENT: Accounting and Finance	0	57.0
PROGRAM TOTAL: Controller		
Program Support & FTE	$380	86.0
Administrative Support	$3,100	0.0

NUCLEAR SAFETY MANAGEMENT AND SUPPORT
FY 1991-1995 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

Date Printed: 04/02/91

Data as of: 08/09/90/0900

	FY 1991	
	$	FTE
PROGRAM: Administration		
PROGRAM ELEMENT: Director's Office		
PROGRAMMATIC ACTIVITIES (PS/FTE):	0	5.0
ADMINISTRATIVE SUPPORT ACTIVITIES:		
1. Transportation of Persons and Things		
a. Transportation of Persons	358	0.0
b. Transportation of Things	80	0.0
ACTIVITY TOTAL:	438	0.0
2. Rental of Space	12,707	0.0
3. Printing and Reproduction	2,137	0.0
4. Security Costs	2,186	0.0

	FY 1991 $	FY 1991 FTE
5. Supplies, Materials, and Equipment		
a. Equipment Rental and Miscellaneous Charges	408	0.0
b. Supplies and Materials	1,890	0.0
c. Capital Equipment	126	0.0
ACTIVITY TOTAL:	$2,424	0.0
6. Other Facility Costs	3,258	0.0
ADMINISTRATIVE SUPPORT TOTAL:	$23,150	0.0
PROGRAM ELEMENT: Contracts and Property Management	0	79.0
PROGRAM ELEMENT: Security	0	26.0
PROGRAM ELEMENT: Freedom of Information and Publications Services	0	62.0
PROGRAM TOTAL: Administration (AS/FTE)	$23,150	172.0

NUCLEAR SAFETY MANAGEMENT AND SUPPORT
FY 1991-1995 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

Date Printed: 04/02/91

Data as of: 08/09/90/0900

	FY 1991	
	$	FTE
PROGRAM: Information Resources Management		
PROGRAM ELEMENT: Director's Office		
PROGRAMMATIC ACTIVITIES (PS/FTE):	0	4.0
ADMINISTRATIVE SUPPORT ACTIVITIES:		
1. Planning	0	0.0
PROGRAM ELEMENT: Computer and Telecommunications Services		
ACTIVITIES:		
1. Telecommunications Services	12,071	21.0
2. Information Systems Development and Maintenance	4,685	26.0
3. Office Automation and Network Development	6,350	13.0
PROGRAM ELEMENT TOTAL (AS/FTE):	$23,106	60.0

NUCLEAR SAFETY MANAGEMENT AND SUPPORT
FY 1991-1995 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

Date Printed: 04/02/91
Data as of: 08/09/90/0900

	FY 1991 $	FY 1991 FTE
PROGRAM ELEMENT: Information Support Services		
ACTIVITIES:		
1. Information and Records Mgmt Services	1,735	30.0
2. Doc Control & Info Support Services	4,115	25.0
3. Information Technology Services	7,579	25.0
PROGRAM ELEMENT TOTAL (AS/FTE):	$13,429	80.0
PROGRAM TOTAL: Information Resources Management (AS/FTE)	$36,535	144.0
PROGRAM: Secretariat (X HLW) (PS/FTE)	350	28.0

NUCLEAR SAFETY MANAGEMENT AND SUPPORT
FY 1991-1995 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

Date Printed: 04/02/91
Data as of: 08/09/90/0900

	FY 1991	
	$	FTE
PROGRAM: Personnel and Training		
PROGRAM ELEMENT: Personnel		
PROGRAMMATIC ACTIVITIES (PS/FTE):	0	57.0
ADMINISTRATIVE SUPPORT ACTIVITIES:		
1. Rental of Space for Recruitment	50	0.0
2. Other Services	720	0.0
3. Awards, Medals and Certificates	30	0.0
ADMINISTRATIVE SUPPORT SUBTOTAL:	$800	0.0
PROGRAM ELEMENT: Training and Development	2,150	9.0

NUCLEAR SAFETY MANAGEMENT AND SUPPORT
FY 1991-1995 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

Date Printed: 04/02/91
Data as of: 08/09/90/0900

	FY 1991	
	$	FTE
PROGRAM ELEMENT: NRC-Wide Support		
ACTIVITIES:		
1. Secretarial & Clerical Support	450	6.0
2. Cooperative Education	0	6.0
PROGRAM ELEMENT TOTAL: NRC-Wide Support	$450	12.0
PROGRAM TOTAL: Personnel & Training (AS/FTE)	$3,400	78.0
PROGRAM: Small and Disadvantaged Business Utilization/Civil Rights (PS/FTE)	$150	7.0

NUCLEAR SAFETY MANAGEMENT AND SUPPORT
FY 1991-1995 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

Date Printed: 04/02/91
Data as of: 08/09/90/0900

	FY 1991	
	$	FTE
PROGRAM: Regional Administrative Support		
ADMINISTRATIVE SUPPORT ACTIVITIES:		
1. Transportation of Persons and Things		
a. Transportation of Persons	177	0.0
b. Transportation of Things	73	0.0
ACTIVITY TOTAL:	$250	0.0
2. Rental of Space	3,613	0.0
3. Printing and Reproduction	22	0.0
4. Security Costs	9	0.0

	FY 1991	
	$	FTE
5. Supplies, Materials, Postage, and Equipment		
a. Equipment Rentals, Postage, and Miscellaneous Rents	478	0.0
b. Supplies and Materials	713	0.0
c. Capital Equipment	235	0.0
ACTIVITY TOTAL:	$1,426	0.0
6. Other Facility Costs		
a. Other Services	1,094	0.0
b. Private Sector Temp Services	48	0.0
ACTIVITY TOTAL:	$1,142	0.0

	FY 1991 $	FTE
7. Telecommunications Services		
a. Equipment Rental and Communications Services	1,255	0.0
b. Technical Support and Other Services	71	0.0
c. Non-Capital Equipment, Supplies and Materials	73	0.0
d. Capital Equipment	85	0.0
ACTIVITY TOTAL:	$1,484	0.0
8. Systems Development & Maintenance	478	0.0

	FY 1991	
	$	FTE
9. Office Automation/Network Development		
a. Hardware/Software Acquisition and Upgrade	348	0.0
b. Capital Equipment	160	0.0
ACTIVITY TOTAL:	$508	0.0
10. Information Technology Services		
a. Equipment Rental	28	0.0
b. Technical Support/Other Services	40	0.0
ACTIVITY TOTAL:	$68	0.0
PROGRAM TOTAL: Regional Adm Support	$9,000	0.0

NUCLEAR SAFETY MANAGEMENT AND SUPPORT
FY 1991-1995 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

Date Printed: 04/02/91

Data as of: 08/09/90/0900

FY 1991

	$	FTE
MISSION AREA TOTAL (PS/FTE):		
Office Subtotals:		
Commission	160	42.0
EDO	300	22.0
Consolidation	0	8.0
OGC	90	95.0
GPA	1,270	67.0
OC	380	86.0
ADM	0	172.0
IRM	0	144.0
SECY	350	28.0
OP	0	78.0
OSBDUCR	150	7.0
REGIONS	0	15.0
MISSION AREA TOTAL (PS/FTE):	$2,700	764.0

NUCLEAR SAFETY MANAGEMENT AND SUPPORT
FY 1991-1995 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

Date Printed: 04/02/91
Data as of: 08/09/90/0900

	FY 1991	
	$	FTE
ADMINISTRATIVE SUPPORT		
Consolidation	700	0.0
Controller	3,100	0.0
Administration	23,150	0.0
IRM	36,535	0.0
Personnel and Training	3,400	0.0
Headquarters Subtotal:	$66,885	0.0
Regions	9,000	0.0
TOTAL ADMINISTRATIVE SUPPORT (NSMS)	$75,885	0.0

NRC Form 8–C
(4–79)
NRCM 0240

COVER SHEET FOR CORRESPONDENCE

Use this Cover Sheet to Protect Originals of Multi-Page Correspondence.

OMNIBUS BUDGET RECONCILIATION ACT OF 1990

PUBLIC LAW 101-508—NOV. 5, 1990

Subtitle B—NRC User Fees and Annual Charges

42 USC 2214

SEC. 6101. NRC USER FEES AND ANNUAL CHARGES.

(a) ANNUAL ASSESSMENT.—

(1) IN GENERAL.—Except as provided in paragraph (2), the Nuclear Regulatory Commission (in this section referred to as the "Commission") shall annually assess and collect such fees and charges as are described in subsections (b) and (c).

(2) FIRST ASSESSMENT.—The first assessment of fees under subsection (b) and annual charges under subsection (c) shall be made not later than September 30, 1991.

(3) LAST ASSESSMENT OF ANNUAL CHARGES.—The last assessment of annual charges under subsection (c) shall be made not later than September 30, 1995.

(b) FEES FOR SERVICE OR THING OF VALUE.—Pursuant to section 9701 of title 31, United States Code, any person who receives a service or thing of value from the Commission shall pay fees to cover the Commission's costs in providing any such service or thing of value.

(c) ANNUAL CHARGES.—

(1) PERSONS SUBJECT TO CHARGE.—Any licensee of the Commission may be required to pay, in addition to the fees set forth in subsection (b), an annual charge.

(2) AGGREGATE AMOUNT OF CHARGES.—The aggregate amount of the annual charge collected from all licensees shall equal an amount that approximates 100 percent of the budget authority of the Commission in the fiscal year in which such charge is collected, less any amount appropriated to the Commission from the Nuclear Waste Fund and the amount of fees collected under subsection (b) in such fiscal year.

(3) AMOUNT PER LICENSEE.—The Commission shall establish, by rule, a schedule of charges fairly and equitably allocating the aggregate amount of charges described in paragraph (2) among licensees. To the maximum extent practicable, the charges shall have a reasonable relationship to the cost of providing regulatory services and may be based on the allocation of the Commission's resources among licensees or classes of licensees.

(d) DEFINITION.—As used in this section, the term "Nuclear Waste Fund" means the fund established pursuant to section 302(c) of the Nuclear Waste Policy Act of 1982 (42 U.S.C. 10222(c)).

(e) CONFORMING AMENDMENT TO COBRA.—Paragraph (1)(A) of section 7601 of the Consolidated Omnibus Budget Reconciliation Act of 1985 (Public Law 99-272) is amended by striking "except that for fiscal year 1990 such maximum amount shall be estimated to be equal to 45 percent of the costs incurred by the Commission for fiscal year 1990" and inserting "except as otherwise provided by law". 42 USC 2213.

Subtitle B—NRC User Fees and Annual Charges

SEC. 6101. NRC USER FEES AND ANNUAL CHARGES.

(a) ANNUAL ASSESSMENT.—

(1) IN GENERAL.—Except as provided in paragraph (3), the Nuclear Regulatory Commission (in this section referred to as the "Commission") shall annually assess and collect such fees and charges as are described in subsections (b) and (c).

(2) FIRST ASSESSMENT.—The first assessment of fees under subsection (b) and annual charges under subsection (c) shall be made not later than September 30, 1991.

(3) LAST ASSESSMENT OF ANNUAL CHARGES.—The last assessment of annual charges under subsection (c) shall be made not later than September 30, 1995.

(b) FEES FOR SERVICE OR THING OF VALUE.—Pursuant to section 9701 of title 31, United States Code, any person who receives a service of thing of value from the Commission shall pay fees to cover the Commission's costs in providing any such service or thing of value.

(c) ANNUAL CHARGES.—

(1) PERSONS SUBJECT TO CHARGE.—Any licensee of the Commission may be required to pay, in addition to the fees set forth in subsection (b), an annual charge.

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(3) AMOUNT PER LICENSEE.—The Commission shall establish, by rule, a schedule of charges fairly and equitably allocating the aggregate amount of charges described in paragraph (2) among licensees. To the maximum extent practicable, the charges shall have a reasonable relationship to the cost of providing regulatory services and may be based on the allocation of the Commission's resources among licensees or classes of licensees.

(d) DEFINITION.—As used in this section, the term "Nuclear Waste Fund" means the fund established pursuant to section 302(c) of the Nuclear Waste Policy Act of 1982 (42 U.S.C. 10222(c)).

(e) CONFORMING AMENDMENT TO COBRA.—Paragraph (1)(A) of section 7601 of the Consolidated Omnibus Budget Reconciliation Act of 1985 (Public Law 99-272) is amended by striking "except that for fiscal year 1990 such maximum amount shall be estimated to be equal to 45 percent of the costs incurred by the Commission for fiscal year 1990" and inserting "except as otherwise provided by law".

CONFERENCE REPORT

TITLE VI—ENERGY AND ENVIRONMENTAL PROGRAMS

SUBTITLE —NRC USER FEES

SEC. . NRC USER FEES AND ANNUAL CHARGES

Present law

Section 7601 of the Consolidated Omnibus Budget Reconciliation Act of 1985 (Public Law 99-272) requires the Nuclear Regulatory Commission (NRC) to collect annual charges from its licensees. The amount of the charges:

(1) when added to other amounts collected by the NRC (i.e., fees under the Independent Offices Appropriation Act of 1952, 31 U.S.C. 9701), may not exceed 33 percent of the NRC's costs, and

(2) must reasonably be related to the regulatory service provided by the NRC and fairly reflect the cost to the NRC of providing the service.

Section 5601 of the Omnibus Budget Reconciliation Act of 1987 (Public Law 100-203) amended the 1985 law by increasing the

amount of the NRC's costs recovered by fees and annual charges from 33 to 45 percent for two years, fiscal years 1988 and 1989.

Section 3201 of the Omnibus Budget Reconciliation Act of 1989 (Public Law 101-239) amended the 1985 law by maintaining the amount of the NRC's costs recovered by fees and annual charges at 45 percent for a third year, fiscal year 1990. Without new legislation, the amount of the fees and annual charges will revert to 33 percent in fiscal year 1991.

House bill

Sections 4502 and 5101 of the House bill would repeal section 7601 of the 1985 law and replace it with new, permanent authority. Both House provisions would require the NRC to collect annual charges in an amount to recover 100 percent of its budget authority (including budget authority for both Salaries and Expenses of the NRC and the Office of the Inspector General), less amounts appropriated to the NRC from the Nuclear Waste Fund established by 42 U.S.C. 10222(c) and fees collected under the Independent Offices Appropriation Act. Although all NRC licensees would be subject to fees under the Independent Offices Appropriation Act, only persons licensed to operate nuclear power plants would be assessed annual charges. The amount of the annual charges would be determined by the NRC by rule and would have to bear a reasonable relationship to the NRC's cost of providing regulatory services to the licensee.

Senate bill

Section 2 of Title V of the Senate bill, like the House bill, would repeal section 7601 of the 1985 law and would require the NRC to recover 100 percent of its costs. It differs from the House provisions, however, in three respects. First, the Senate provision would authorize the NRC to impose annual charges for only five years, fiscal years 1991-1995. Second, it would permit (but would not require) the NRC to assess annual charges against any person who holds an NRC license, not just utilities operating nuclear power plants. Third, it would recover 100 percent of the Salaries and Expenses of the NRC and but not of the expenses of the NRC's Office of the Inspector General.

Conference agreement

In general.—The conference agreement follows the Senate bill with three changes. First, the Senate bill would have codified the annual charge authority in the Atomic Energy Act of 1954; the conference agreement does not. Second, the Senate bill would have recovered 100 percent of the NRC's Salaries and Expenses only; the conference agreement recovers 100 percent of both the NRC's Salaries and Expenses and the NRC's Office of Inspector General. Third, the Senate bill would have repealed section 7601 of the 1985 law; the conference agreement amends it to provide a "floor" on fees and annual charges equal to 33 percent of the NRC's budget authority. This floor would govern assessment of fees and annual charges after fiscal year 1995 unless Congress enacts new authority.

Duration of authority.—The conference agreement provides authority to collect fees and annual charges equal to 100 percent of the NRC's budget for only five years, fiscal years 1991 through 1995. The NRC's permanent authority to collect fees and annual charges equal to 33 percent of the NRC's budget authority will continue in force after fiscal year 1995.

Licensees subject to annual charges.—The conference agreement preserves the discretion the NRC has under present law to assess annual charges against all of its licensees. The conferees reaffirm the statement of the managers on the present authority. *See* 132 Cong. Rec. H879 (daily ed. March 6, 1986); 132 Cong. Rec. S2725 (daily ed. March 4, 1986).

The conferees note that in the NRC's report on the existing annual charge system requested by section 7601(a) of the 1985 law, the Commission found that "the large number of small licensees, the relatively small fees which would be collected, and the costs of administering such a collection program," make imposition of an annual charge on all of the NRC's approximately 8,000 non-power-reactor licensees impracticable. The conferees also understand that the direct cost of regulating non-power-reactor licensees amounts to approximately three percent of the NRC's costs and that a substantial percentage of the cost of providing regulatory services to non-power-reactor licensees are in fact recovered through fees assessed under the Independent Offices Appropriation Act. Finally, the conferees note that the U.S. Court of Appeals for the District of Columbia Circuit has concluded that the NRC "did not abuse its discretion by failing to impose the annual fee on all licensees." *Florida Power & Light Co.* v. *NRC*, 846, F.2d 765, 770 (D.C. Cir. 1988), *cert. denied* 109 S.Ct. 1952 (1989).

The conference agreement preserves the NRC's discretion to impose annual charges on one or more classes of non-power-reactor licensees if the Commission believes it can fairly, equitably, and practicably do so.

As described below, increasing the amount of recovery to 100 percent of the NRC's budget authority will result in the imposition of fees upon certain licensees for costs that cannot be attributed to those licensees or classes of licensees. The Commission should assess the charge for these costs as broadly as practicable in order to minimize the burden for these costs on any licensee or class of licensees so as to establish as fair and equitable a system as is feasible.

Calculation of the annual charge.—The conferees recognize that, in directing the NRC to collect annual charges, "Congress must indicate clearly its intention to delegate to the Executive the discretionary authority to recover administrative costs not inuring directly to the benefit of regulated parties" and that Congress must provide the agency "intelligible guidelines" for making these assessments. *See Skinner* v. *Mid-America Pipeline Co.*, 109 S.Ct. 1726, 1734 (1989) (upholding the law directing the Secretary of Transportation to collect user fees totalling 105 percent of the cost of administering the pipeline safety program). The conferees believe the conference agreement meets these requirements.

First, the conference agreement makes it clear that appropriations received by the NRC from the Nuclear Waste Fund estab-

lished under section 302(c) of the Nuclear Waste Policy Act of 1982 (42 U.S.C. 10222(c)) for licensing the Department of Energy's nuclear waste management program are not to be recovered by the annual charges. The Nuclear Waste Fund consists of money paid by NRC-licensed nuclear power reactors to the Department of Energy to site, construct, and develop high-level nuclear waste management facilities. Since nuclear utilities are paying for the cost of the NRC's high-level waste licensing activities through their payments to the Nuclear Waste Fund, recovery of Nuclear Waste Fund appropriations through the annual charge would constitute double payment by the utilities.

Second, the conference agreement provides that the amount recovered through annual charges is to be reduced further by the amount the NRC receives through fees assessed on licensees under the Independent Offices Appropriation Act of 1952 (31 U.S.C. 9701), through Part 170 of the NRC's rules (10 C.F.R. Part 170). These fees are intended to recover the costs to the NRC of providing individually identifiable services to applicants and holders of NRC licensees, though not the cost of generic activities that benefit licensees generally. The Committee expects the NRC to continue to assess fees under the Independent Offices Appropriation Act to the end that each licensee or applicant pays the full cost to the NRC of all identifiable regulatory services such licensee or applicant receives.

Finally, the conference agreement provides that the balance of the NRC's annual budget authority after subtraction of amounts received from the Nuclear Waste Fund and the Independent Offices Appropriation Act fees is to be recovered from the NRC's licensees through the annual charges. The conference agreement does not require that the total amount intended to be recovered through annual charges be divided among the power-reactor licensees equally, as was the case under the NRC's original rule implementing Public Law 99-272. Instead, the conferees intend that the NRC assess the annual charge under the principle that licensees who require the greatest expenditures of the agency's resources should pay the greatest annual charge. Thus, the conference agreement provides that the NRC shall establish, by rule, a schedule of charges "fairly and equitably" allocating the total amount of charges to be recovered among its licensees, and that "[t]o the maximum extent practicable, the charges shall have a reasonable relationship to the cost of providing regulatory services" to the licensees.

The conferees understand that a substantial portion of the NRC's annual expenses, while not attributable to individual licensees and thus not recoverable under the Independent Offices Appropriation Act, are attributable to classes of licensees. The conferees contemplate that the NRC will continue to allocate generic costs that are attributable to a given class of licensee to such class.

In addition, however, the conferees recognize that there are expenses that cannot be attributed either to an individual licensee or a class of licensees. Examples of these expenses may include costs associated with certain generic research and rulemaking proceedings and the operating expenses of various NRC offices, including those of the Commissioners, the General Counsel, the Inspector

General, and Governmental and Public Affairs. The conferees intend the NRC to fairly and equitably recover these expenses from its licensees through the annual charge even though these expenses cannot be attributed to individual licensees or classes of licensees. These expenses may be recovered from such licensees as the Commission, in its discretion, determines can fairly, equitably, and practicably contribute to their payment.

Treatment of fines, penalties, and receipts of certain programs.—Under its existing rules, the NRC does not offset amounts paid by licensees as fines and penalties (including interest penalties) against the amount of annual charges to be collected. Conversely, the NRC does not seek to recover through the annual charge amounts received from participants in the cooperative nuclear safety research program, the material and information access authorization programs (including criminal history checks under section 149 of the Atomic Energy Act of 1954, 42 U.S.C. 2169), or amounts received for services rendered to foreign governments and international organizations. The conferees note that the NRC's current treatment of these fines, penalties, and receipts has been upheld in court. *Florida Power & Light Co.* v. *NRC*, 846 F.2d 765, 771 (D.C. Cir. 1988), *cert denied* 100 S.Ct. 1952 (1989).

The conference agreement does not change these policies. Fines and penalties are assessed because of a failure of a licensee to comply with NRC standards and requirements. The purpose of the fine or penalty would be defeated if their assessment would result in a lowering of the offender's obligation to pay annual charges. Receipts from cooperative, international, and access authorization programs are collected from the entities benefiting from the particular program and are retained and used by the NRC for such program. Inclusion of the amount of these funds in the total amount recovered through the annual charge would result in double payment.

Subsection-by-subsection summary

Subsection (a)(1) requires the NRC to collect fees and annual charges.

Subsection (a)(2) provides that the first assessment made under this authority shall be made no later than September 30, 1991.

Subsection (a)(3) provides that the last assessment of annual charges made under this authority shall be made no later than September 30, 1995.

Subsection (b) provides that the NRC shall continue to collect fees under the Independent Offices Appropriation Act of 1952 (31 U.S.C. 9701). These fees are intended to recover the Commission's cost of providing any service or thing of value to a person regulated by the NRC.

Subsection (c) requires the NRC to collect, in addition to the Independent Offices Appropriation Act fees under subsection (b), an annual charge.

Subsection (c)(1) authorizes the NRC to impose an annual charge on any licensee of the NRC.

Subsection (c)(2) provides that the aggregate amount of annual charges shall, when added to the Independent Offices Appropriation Act fees collected under subsection (b), equal approximately

100 percent of the NRC's total budget authority for each fiscal year, less any amount appropriated to the NRC from the Nuclear Waste Fund.

Subsection (c)(3) directs the NRC to establish a schedule of annual charges that fairly and equitably allocates the aggregate amount of charges among licensees and, to the maximum extent practicable, reasonably reflects the cost of providing services to such licensees or classes of licensees. The schedule may assess different annual charges for different licensees or classes of licensees based on the allocation of the NRC's resources among licensees or classes of licensees, so that the licensees who require the greatest expenditures of the NRC's resources will pay the greatest annual charge.

Subsection (d) defines the Nuclear Waste Fund established by section 302(c) of the Nuclear Waste Policy Act of 1982, 42 U.S.C. 10222(c).

Subsection (e) amends section 7601 of the Consolidated Omnibus Reconciliation Act of 1985 (Public Law 99-272) to preserve existing authority for the NRC to collect user fees approximating 33 percent of the agency's budget. Following fiscal year 1995, annual charges will be assessed under section 7601 of the 1985 act instead of subsection (c) of the conference agreement.