UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

MAY 10 1994

MEMORANDUM FOR: Donald H. Lanham, Chief
Docketing and Document Control Desk Section
Office of Information Resources Management

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

SUBJECT: FEE WORKPAPERS FOR 10 CFR PARTS 170 AND 171
PROPOSED RULE -- FY 1994

Enclosed are two sets of the workpapers in support of the Proposed Rule 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 advance 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
Office of the Controller

Enclosures: As stated

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1/1

FY 1994 - 100% Recovery
Proposed Rule
10 CFR 170 and 171
Federal Register 5/10/94
Workpapers

NRC Budgeted Cost (FY 1994)

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
- Reciprocity Fees -- Agreement State Licensees

Regulatory Flexibility Analysis

Hourly Rate

FTEs by Mission Area

Estimated Collections

Budget Authority (FY 1994)

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

Public Law 101-508

Energy Policy Act

Court Decision 1993

Part 171 Annual Fees

FY 1994
($ in Millions)

$547.7	NRC Original Budget Authority
-12.7	Recission Approved By Congress
$535.0	NRC Revised Budget Authority
x 100%	Recovery Rate
$535.0	To Be Recovered
-22.0	Appropriated from Nuclear Waste Fund
$513.0	Amount to be recovered through fees
-116.2	Estimated amount to be recovered through Part 170 licensing and inspection fees
$396.8	Estimated amount to be recovered through Part 171 annual fees

BASE ANNUAL FEES FOR OPERATING POWER REACTORS

Reactors	Containment Type	Annual Fee
Westinghouse:		
1. Beaver Valley 1	PWR Large Dry Containment	$2,841,000
2. Beaver Valley 2	" "	2,841,000
3. Braidwood 1	" "	2,841,000
4. Braidwood 2	" "	2,841,000
5. Byron 1	" "	2,841,000
6. Bryon 2	" "	2,841,000
7. Callaway 1	" "	2,841,000
8. Comanche Peak 1	" "	2,841,000
9. Comanche Peak 2	" "	2,841,000
10. Diablo Canyon 1	" "	2,839,000
11. Diablo Canyon 2	" "	2,839,000
12. Farley 1	" "	2,841,000
13. Farley 2	" "	2,841,000
14. Ginna	" "	2,841,000
15. Haddam Neck	" "	2,841,000
16. Harris 1	" "	2,841,000
17. Indian Point 2	" "	2,841,000
18. Indian Point 3	" "	2,841,000
19. Kewaunee	" "	2,841,000

20.	Millstone 3	"	"	$2,841,000
21.	North Anna 1	"	"	2,841,000
22.	North Anna 2	"	"	2,841,000
23.	Point Beach 1	"		2,841,000
24.	Point Beach 2	"	"	2,841,000
25.	Prairie Island 1	"	"	2,841,000
26.	Prairie Island 2	"	"	2,841,000
27.	Robinson 2	"	"	2,841,000
28.	Salem 1	"	"	2,841,000
29.	Salem 2	"	"	2,841,000
30.	Seabrook 1	"	"	2,841,000
31.	South Texas 1	"	"	2,841,000
32.	South Texas 2	"	"	2,841,000
33.	Summer 1	"	"	2,841,000
34.	Surry 1	"	"	2,841,000
35.	Surry 2	"	"	2,841,000
36.	Turkey Point 3	"	"	2,841,000
37.	Turkey Point 4	"	"	2,841,000
38.	Vogtle 1	"	"	2,841,000
39.	Vogtle 2	"	"	2,841,000
40.	Wolf Creek 1	"	"	2,841,000
41.	Zion 1	"	"	2,841,000
42.	Zion 2	"	"	2,841,000
43.	Catawba 1	PWR -- Ice Condenser		2,840,000
44.	Catawba 2	"	"	2,840,000
45.	Cook 1	"	"	2,840,000

46.	Cook 2	"	"	$2,840,000
47.	McGuire 1	"	"	2,840,000
48.	McGuire 2	"	"	2,840,000
49.	Sequoyah 1	"	"	2,840,000
50.	Sequoyah 2	"	"	2,840,000

Combustion Engineering:

1.	Arkansas 2	PWR	Large Dry Containment	$2,840,000
2.	Calvert Cliffs 1	"	"	2,840,000
3.	Calvert Cliffs 2	"	"	2,840,000
4.	Ft. Calhcun 1	"	"	2,840,000
5.	Maine Yankee	"	"	2,840,000
6.	Millstone 2	"	"	2,840,000
7.	Palisades	"	"	2,840,000
8.	Palo Verde 1	"	"	2,838,000
9.	Palo Verde 2	"	"	2,838,000
10.	Palo Verde 3	"	"	2,838,000
11.	San Onofre 2	"	"	2,838,000
12.	San Onofre 3	"	"	2,838,000
13.	St. Lucie 1	"	"	2,840,000
14.	St. Lucie 2	"	"	2,840,000
15.	Waterford 3	"	"	2,840,000

Babcock & Wilcox:

1.	Arkansas 1	"	"	$2,840,000
2.	Crystal River 3	"	"	2,840,000

3.	Davis Besse 1	"	"	$2,840,000
4.	Oconee 1	"	"	2,840,000
5.	Oconee 2	"	"	2,840,000
6.	Oconee 3	"	"	2,840,000
7.	Three Mile Island 1	"	"	2,840,000

General Electric

1.	Browns Ferry 1	Mark I		$2,821,000
2.	Browns Ferry 2	"	"	2,821,000
3.	Browns Ferry 3	"	"	2,821,000
4.	Brunswick 1	"	"	2,821,000
5.	Brunswick 2	"	"	2,821,000
6.	Clinton 1	Mark III		2,821,000
7.	Cooper	Mark I		2,821,000
8.	Dresden 2	"	"	2,821,000
9.	Dresden 3	"	"	2,821,000
10.	Duane Arnold	"	"	2,821,000
11.	Fermi 2	"	"	2,821,000
12.	Fitzpatrick	"	"	2,821,000
13.	Grand Gulf 1	Mark III		2,821,000
14.	Hatch 1	Mark I		2,821,000
15.	Hatch 2	"	"	2,821,000
16.	Hope Creek 1	"	"	2,821,000
17.	LaSalle 1	Mark II		2,821,000
18.	LaSalle 2	"	"	2,821,000
19.	Limerick 1	"	"	2,821,000

20.	Limerick 2	" "	$2,821,000
21.	Millstone 1	Mark I	2,821,000
22.	Monticello	" "	2,821,000
23.	Nine Mile Point 1	" "	2,821,000
24.	Nine Mile Point 2	Mark II	2,821,000
25.	Oyster Creek	Mark I	2,821,000
26.	Peach Bottom 2	" "	2,821,000
27.	Peach Bottom 3	" "	2,821,000
28.	Perry 1	Mark III	2,821,000
29.	Pilgrim	Mark I	2,821,000
30.	Quad Cities 1	" "	2,821,000
31.	Quad Cities 2	" "	2,821,000
32.	River Bend 1	Mark III	2,821,000
33.	Susquehanna 1	Mark II	2,821,000
34.	Susquehanna 2	" "	2,821,000
35.	Vermont Yankee	Mark I	2,821,000
36.	Washington Nuclear 2	Mark II	2,818,000

Other Reactor:

1.	Big Rock Point	GE Dry Containment	2,821,000

The "Other Reactor" listed above has not included in the fee base because historically Big Rock Point has been granted a partial exemption from the annual fees. The NRC proposes to grant a similar partial exemption in FY 1994 to Big Rock Point, a smaller older reactor, based on a request filed with the NRC in accordance with § 171.11.

	TOTAL		POWER REACTORS		NON-POWER REACTORS		FUEL FACILITY		SPENT FU
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K
FY 1993 DIRECT RESOURCES									
RSSR	28,963	1034.4	28,206	1009.5	78	1.6	0	0.0	0
RSR	78,074	111.3	77,374	111.2	0	0.0	0	0.0	0
NMLL	21,084	352.5	2,488	14.5	2	0.0	3,300	75.9	878
RSIRIE	7,806	111.7	7,806	105.5	0	0.2	0	0.0	0
NSMS	325	19.0	0	0.0	0	0.0	0	0.0	0
TOTAL	$136,252	1628.9	$115,874	1240.7	$80	1.8	$3,300	75.9	$878

	$,M	$,M	$,M	$,M
RSSR	268.1	261.6	0.5	0.0
RSR	103.8	103.1	0.0	0.0
NMLL	102.6	5.8	0.0	20.8
RSIRIE	33.6	32.2	0.0	0.0
NSMS	4.7	0.0	0.0	0.0
TOTAL FEES	$512.9	$402.7	0.5	$20.8
LESS PART 170 FEES	116.2	96.7	0.1	4.0
PART 171 ANNUAL FEES	$396.6	$306.0	0.4	$16.8

(FILE: SUMRY94.WK3)

UMMARY -- PROPOSED RULE 20-Apr-94

L	MATERIALS		TRANSPORTATION		URANIUM RECOVERY		OTHER APPLICANTS		INCLUDED IN SURCHARGE	
FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE
0.0	0	0.0	0	0.0	0	0.0	0	0.0	679	23.3
0.0	0	0.0	0	0.0	0	0.0	0	0.0	700	0.1
7.8	6,881	161.0	665	17.5	242	17.4	963	19.7	5,667	38.7
0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	6.0
0.0	0	0.0	0	0.0	0	0.0	100	4.0	225	15.0
7.8	$6,881	161.0	$665	17.5	$242	17.4	$1,063	23.7	$7,271	83.2

$,M	$,M	$,M	$,M	$,M	$,M
0.0	0.0	0.0	0.0	0.0	6.1
0.0	0.0	0.0	0.0	0.0	0.7
2.7	44.1	4.7	4.3	5.5	14.6
0.0	0.0	0.0	0.0	0.0	1.4
0.0	0.0	0.0	0.0	1.0	3.7
$2.7	$44.1	$4.7	$4.3	$6.5	$26.5
0.5	5.5	0.7	2.2	6.5	0.0
$2.2	38.6	$4.0	$2.1	$0.0	$26.5

ALLOCATION OF NRC FY 1994 BUDGET TO POWER REACTORS' BASE FEES[1/]

	Program Element Total		Allocated to Power Reactors	
	Program Support ($,K)	Direct FTE	Program Support ($,K)	Direct FTE
REACTOR SAFETY AND SAFEGUARDS REGULATION (RSSR)				
Standard Reactor Designs	$9,531	96.3	$9,361	92.8
Reactor License Renewal	600	33.9	600	33.9
Reactor and Site Licensing	1,810	34.7	1,810	29.8
Resident Inspections	---	207.0	---	207.0
Region-Based Inspections	2,780	235.0	2,780	229.8
Interns (HQ and Regions)	---	23.0	---	23.0
Special Inspections	970	42.7	970	42.7
License Maintenance and Safety Evaluations	4,142	208.5	4,142	208.5
Plant Performance	927	52.1	927	52.1
Human Performance	4,760	54.7	4,403	51.1
Other Safety Reviews and Assistance	3,443	46.5	3,213	38.8
RSSR PROGRAM TOTAL			$28,206	1,009.5

	Program Element Total		Allocated to Power Reactors	
	Program Support ($,K)	Direct FTE	Program Support ($,K)	Direct FTE
REACTOR SAFETY RESEARCH (RSR)				
Standard Reactor Designs	$16,676	29.3	$16,676	29.3
Reactor Aging & License Renewal	23,273	13.7	22,573	13.6
Plant Performance	3,173	4.2	3,173	4.2
Human Reliability	4,428	7.0	4,428	7.0
Reactor Accident Analysis	20,284	26.7	20,284	26.7
Safety Issue Resolution and Regulatory Improvements	10,240	30.4	10,240	30.4
RSR PROGRAM TOTAL			$77,374	111.2
NUCLEAR MATERIAL & LOW LEVEL (NMLL)				
NMLL (NMSS)				
Fuel Cycle Safety and Safeguards	$4,783	85.8	$1,494	2.8
LLW Licensing and Inspection	592	14.3	---	1.4
Uranium Recovery Licensing and Inspection	265	14.4	21	0
Decommissioning	2,215	30.8	9	6.7
NMLL (RES)				
Environmental Policy and Decommissioning	2,410	9.0	964	3.6
NMLL PROGRAM TOTAL			$2,488	14.5

	Program Element Total		Allocated to Power Reactors	
	Program Support ($,K)	Direct FTE	Program Support ($,K)	Direct FTE
REACTOR SPECIAL AND INDEPENDENT REVIEWS, INVESTIGATIONS, AND ENFORCEMENT				
AEOD				
Diagnostic Evaluations	288	5.0	288	5.0
Incident Investigations	26	1.0	26	1.0
NRC Incident Response	1,854	26.0	1,854	24.0
Operational Experience Evaluation	5,447	30.0	5,447	29.0
Committee to Review Generic Requirements	---	2.0	---	2.0
AEOD Subtotal			$7,615	61.0
Advisory Committee on Reactor Safeguards			181	20.5
Office of Investigations			---	17.0
Office of Enforcement			10	7.0
RSIRIE Program Total			$7,806	105.5

TOTAL BASE FEE AMOUNT ALLOCATED TO POWER REACTORS	$402.7 million[2/]
LESS ESTIMATED PART 170 POWER REACTOR FEES	$96.7 million
PART 171 BASE FEES FOR OPERATING POWER REACTORS	$306.0 million

[1] Base annual fees include all costs attributable to the operating power reactor class of licensees. The base fees do not include costs allocated to power reactors for policy reasons.

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

DETERMINATION OF REACTOR ANNUAL FEES

SUMMARY
PART 171 BUDGET AUTHORITY
POWER REACTORS
FY 1994
($000)

All Power Reactors	$301,360
PWRs only	1,732
PWR only (NSSS)	1,669
Westinghouse PWR Large Dry Containment	50
Westinghouse Ice Condensers	0
B&W Large Dry Containment	0
CE Large Dry Containment	0
BWRs only	889
BWR only (NSSS)	123
GE Mark I	0
GE Mark II	0
GE Mark II & III	0
GE Mark III	0
Seismic - East of Rockies	221
TOTAL COSTS	$306,044

Allocation of FY 1994 Budget Authority

to Power Reactor Fee Base

($000)

Program	Total Budget	Number of Reactors	Base Fee Per Reactor
RSSR	$164,919	108	$1,527.0
RSIRIE	32,199	108	298.1
NMLWSSR	5,841	108	54.1
RSR (All Reactors)	95,160	108	881.1
RSR (Seismic all Plants)	3,241	108	30.0
Subtotal RSR	$98,401		$911.1
TOTAL	$301,360		$2,790.3

ALLOCATION OF FY 1994 BUDGET AUTHORITY FOR ADDITIONAL CHARGES BY NUCLEAR STEAM SUPPLY SYSTEM VENDOR AND CONTAINMENT TYPE -- RSR ONLY

($000)

PRESSURIZED WATER REACTORS	PS $	FTE $
PWRs ONLY (72)	$1,408	$324
	$1,732 / 72 = $24.1 per reactor	
NSSS PWRs ONLY (72)	$1,045	$624
	$1,669 / 72 = $23.2 per reactor	
Subtotal All PWRs	$3,401 / 72 = $47.2 per reactor	
NSSS ALL PWRs LARGE DRY CONTAINMENT (64)	0	0
NSSS WESTINGHOUSE PWR LDC (42)	$50	$0
	$50 / 42 = $1.2 per reactor	
NSSS WESTINGHOUSE PWR ICE CONDENSER (8)	0	0
NSSS B&W PWR LDC (7)	0	0
NSSS CE PWR LDC (15)	0	0

BOILING WATER REACTORS

BWRs ONLY (36)	$750	$139	
		$889 / 36	= $24.7 per reactor
NSSS ALL BWRs (36)	$100	$23	
		$123 / 36	= $3.4 per reactor
Subtotal All BWRs		$1,012 / 36	= $28.1 per reactor
NSSS BWR GE MARK I (24)	0	0	
NMSS BWR GE MARK II (8)	0	0	
NSSS BWR GE MARK II & III (13)	0	0	
NSSS BWR GE MARK III (4)	0	0	
SEISMIC EAST OF ROCKIES	$175	$46	
		$221 / 100	= $2.2 per reactor
Total Additional Charges	$3,528	$1,156	
	$4,684		

RSSR

ALLOCATION OF FY 1994 BUDGET AUTHORITY
TO POWER REACTOR FEE BASE -- DETAIL
($000)

REACTOR SAFETY AND SAFEGUARDS REGULATION (RSSR)

	WORK FOR ALL POWER REACTORS	FY 94 PS $	FY 94 FTE
A.	Reactor Licensing		
1.	Standardized Reactor Designs	$9,361	92.8
2.	Reactor License Renewal	600	33.9
3.	Reactor and Site Licensing	1,810	29.8
B.	Reactor Inspections		
1.	Resident inspections	--	207.0
2.	Region-based inspections	2,780	229.8
3.	Special inspections	970	42.7
C.	Reactor Oversight		
1.	License Maintenance & Safety Evaluations	4,142	208.5
2.	Interns	0	23.0
3.	Plant Performance	927	52.1
4.	Human Performance	4,403	51.1
5.	Other Safety Reviews & Assistance	3,213	38.8
	Total RSSR	$28,206	1,009.5

FTE = 1,009.5 x $231.2 = $233,413
PS = 28,206

Total $261,619
Less Part 170 Fees -96,700

$164,919 = $1,527.0 per reactor
108 reactors

RSIRIE

Allocation of FY 1994 Budget Authority
to Power Reactor Fee Base -- Detail
($000)

Reactor Special and Independent Reviews, Investigation and Enforcement (RSIRIE)

WORK FOR ALL POWER REACTORS	FY 94 PS $	FY 94 FTE
AEOD		
1. Diagnostic Evaluations	$288	5.0
2. Incident Investigations	26	1.0
3. NRC Incident Response	1,854	24.0
4. Operational Experience Evaluation	5,447	29.0
5. Committee to Review Generic Requirements	--	2.0
SUBTOTAL AEOD	$7,615	61.0

WORK FOR ALL POWER REACTORS	FY 94 PS $	FY 94 FTE
Advisory Committee Reactor Safeguards	181	20.5
Office of Investigations	---	17.0
Office of Enforcement	10	7.0
TOTAL RSIRIE	$7,806	$105.5

FTE = 105.5 x $231.2 = $24,393
PS = 7,806

Total RSIRIE All Reactors = $32,199 / 108 reactors = $298.1 per reactor

NMLL

Allocation of FY 1994 Budget Authority
to Power Reactor Fee Base -- Detail
($000)

Nuclear Material and Low Level Waste Safety and Safeguards Regulation (NMLL)	FY 94 PS $	FY 94 FTE
Work for all Power Reactors		
NMLL-NMSS		
1. Safeguards Licensing and Inspection	---	.2
2. Threat/Event Assessment/ International Safeguards	533	2.6
3. Information Technology NMMSS	960	---
4. Information Technology	1	---
5. LLW Licensing/Inspection	0	1.4
6. Uranium Recovery Licensing and Inspection	21	-0-
7. Decommissioning	9	6.7
SUBTOTAL NMSS	$1,524	10.9
NMLL-RES		
1. Environmental Policy and Decommissioning	964	3.6
TOTAL NMLL	$2,488	14.5

FTE = 14.5 X $231.2 = $3,353
PS = 2,488
TOTAL NMLWSSR $5,841 = $54.1 per reactor
ALL REACTORS 108 reactors

RSR

Allocation of FY 1994 Budget Authority
to Power Reactor Fee Base -- Detail
($000)

Reactor Safety Research (RSR)

	FY 94 PS $	FY 94 FTE
A. Generic Effort - All Power Reactors		
1. Reactor Aging and License Renewal		
a. Pressure Vessel Safety	$300	.1
b. Inspection Procedures and Techniques	100	-0-
c. Aging of Reactor Components	3,429	3.0
d. Engineering Standards Support	1,537	2.3
e. Structural Integrity	850	.2
f. License Renewal Regulatory Standards	303	1.0
2. Reactor Regulation Support -- Plant Performance		
a. Safety experiments	247	.5
b. Safety Code Development and Maintenance	214	.1
3. Human Reliability		
a. Personnel Performance Measurement	222	.4
b. Human Systems Interface	1,509	1.0
c. Data Acquisition and Management Systems	60	1.8
d. HRA/RPA Methods and Applications	608	1.2
4. Reactor Accident Analysis		
a. Reactor Risk Analysis	2,835	3.1
b. Containment Performance	90	.1
c. Reactor Containment Structural Integrity	900	1.1
d. Severe Accident Implementation	2,025	8.0

5. Safety Issue Resolution & Regulatory Improvements

a.	Plant Response to Seismic and Other External Events	294	1.0
b.	Generic Safety Issue Resolution	860	7.0
c.	Reactor Regulatory Standards	866	5.6
d.	Reactor Radiation Protection and Health Effects	1,570	4.3
e.	Research Educational Grants	1,218	0
f.	Small Business Innovation Research	1,540	0
g.	Information Technology	242	1.5
	TOTAL - Generic Effort - All Power Reactors	$21,819	43.3

Reactor Safety Research (RSR)	PS $	FTE
B. Generic Effort -- All Power Reactors (PWRs and BWRs only)		
1. Reactor Aging and License Renewal		
a. Pressure Vessel Safety	$9,430	3.5
b. Piping Integrity	2,499	1.0
c. Inspection Procedures and Techniques	2,139	.7
d. Aging of Reactor Components	850	.7
e. Engineering Standards Support	656	1.0
2. Reactor Regulation Support -- Plant Performance		
a. Safety Code Development and Maintenance	954	.6
b. Operating Reactor Assessments	25	1.0
3. Human Reliability		
a. Personnel Performance	550	1.1
b. Human Systems Interface	989	.7

c. HRA/PRA Methods and Applications	390	.7
4. Reactor Accident Analysis		
a. Reactor Risk Analysis	3,947	4.4
b. Containment Performance	3,928	3.7
c. Severe Accident Phenomenology	4,882	3.2
d. Reactor Containment Structural Integrity	355	.4
e. Severe Accident Implementation	517	2.0
5. Safety Issue Resolution & Regulatory Improvements		
a. Generic Safety Issue Resolution	635	5.1
b. Radiation Protection and Health Effects	150	.4
Total Generic Effort All Power Reactors	$32,896	30.2

C. Generic Effort - All Power Reactors -- Advanced Reactor Research

	PS $	FTE
1. Standard Reactor Designs		
a. Engineering Issues for Advanced Reactor Designs	$3,529	4.7
b. Systems Performance of Advanced Reactors	11,982	15.0
c. Advanced Reactor Risk Analysis	365	3.6
d. Advanced Reactor Safety Issues	100	2.0
e. Regulatory Application of New Source Terms	700	4.0
Total Effort All Power Plants -- Advanced Reactor Research	$16,676	29.3

Summary Budget Authority to All Power Reactors

Category A (above)	$21,819	43.3
Category B (above)	32,896	30.2
Category C (above)	16,676	29.3
Total To All Power Reactors	$71,391	102.8

FTE = 102.8 x $231.2 = $23,769
PTS = 71,391
TOTAL $95,160 = $881.1 per reactor
108 reactors

D. Generic - PWR's Only

	PS $	FTE
1. Reactor Regulation Support - Plant Performance		
a. Safety Experiments	203	.4
b. Safety Code Development & Maintenance	650	.4
2. Human Reliability		
a. HRA/PRA Methods and Applications	50	.1
3. Reactor Accident Analysis		
a. Containment Performance	505	.5
TOTAL PWRs only	$1,408	1.4

FTE = 1.4 x $231.2 = $324
PS = 1,408
TOTAL $1,732 = $24.1 per reactor
72 reactors

E. Generic BWR's only

	PS $	FTE
1. Reactor Regulation Support - Plant Performance		
a. Safety Code Development & Maintenance	550	.4
2. Reactor Accident Analysis		
a. Containment Performance	200	.2
TOTAL BWRs only	$750	.6

FTE = .6 x $231.2 = $139
PS = 750
$889 = $24.7 per reactor
36 reactors

F. Nuclear Steam Supply System (PWR only)

	PS $	FTE
1. Reactor Aging and License Renewal		
a. Piping Integrity	$100	-0-
b. Inspection Procedures and Techniques	380	.1
2. Plant Performance		
a. Safety Experiments	330	.7
3. Safety Issue Resolution & Regulatory Improvements		
a. Generic Safety Issue Resolution	235	1.9
TOTAL NSSS -- PWR only	$1,045	2.7

FTE = 2.7 x $231.2 = $624
PS = $1,045
$1,669 = $23.2 per reactor
72 reactors

G. NSSS - PWR - LDC (Westinghouse only)

	PS $	FTE
1. Human Reliability		
a. Human System Interface	50	-0-
Total NSSS Westinghouse LDC only	$50	-0-

FTE = 0 x $231.2 = $0
PS = 50
TOTAL $50 = $1.2 per reactor
42 reactors

H. NSSS - PWR - LDC (CE only)

PS $	FTE
-0-	-0-

I. NSSS - (BWR only) GE

	PS $	FTE
1. Reactor Accident Analysis		
a. Severe Accident Phenomenology	100	.1
TOTAL - NSSS - BWR only - GE	$100	.1

FTE = .1 x $231.2 = $23
PS = 100
TOTAL $123 = $3.4 per reactor
36 reactors

J. GE MARK I, II or III only

PS $	FTE
-0-	-0-

K. Seismic All Power Reactors

	PS $	FTE
1. Safety Issue Resolution & Regulatory Improvements		
a. Earth Sciences	$2,129	2.3
b. Plant Response to Seismic & Other Events	326	1.1
TOTAL Seismic All Plants	$2,455	3.4

FTE = 3.4 x $231.2 = $786
PS = 2,455
TOTAL $3,241 = $30.0 per reactor
108 reactors

L. Seismic -- Plants East of Rockies

	PS $	FTE
1. Safety Issue and Regulatory		
a. Earth Sciences	$175	.2
TOTAL	$175	.2

FTE = .2 x $231.2 = $46
PS = 175
TOTAL $221 = $2.2 per reactor
100 reactors

M. Seismic -- Plants West of Rockies	0	0

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)	(42)	$2,841	275	$3,116	$130,872
WESTINGHOUSE (Ice Condensers)	(8)	2,840	275	3,115	24,920
CE	(15)	2,840	275	3,115	46,725
B&W	(7)	2,840	275	3,115	21,805
GE MARK I	(24)	2,821	275	3,096	74,304
GE MARK II	(8)	2,821	275	3,096	24,768
MARK III	(4)	2,821	275	3,096	12,384
	108				$355,778

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

ALL WESTINGHOUSE -
DRY CONTAINMENT (42)

$2,790.3	(ALL)
47.2	(ALL PWR)
--	(ALL PWR-LDC)
1.2	(ALL WESTINGHOUSE LDC)
2.2	(EAST OF THE ROCKIES)
$2,840.9	

ALL WESTINGHOUSE -
ICE CONDENSERS (8)

$2,790.3	(ALL)
47.2	(ALL PWR)
-0-	(ALL WESTINGHOUSE ICE CONDENSERS)
2.2	(EAST OF ROCKIES)
$2,839.7	

All CE's (15)*	$2,790.3	(ALL)
	47.2	(ALL PWR)
	--	(ALL PWR-LDC)
	--	(ALL CE)
	2.2	(EAST OF ROCKIES)
	$2,839.7	
All B&Ws (7)*	2,790.3	(ALL)
	47.2	(ALL PWR)
	--	(ALL PWR-LDC)
	--	(ALL B&W)
	2.2	(EAST OF ROCKIES)
	$2,839.7	
ALL GE MARK I's (24)	$2,790.3	(ALL)
	28.1	(ALL BWR)
	--	(MARK I)
	2.2	(EAST OF ROCKIES)
	$2,820.6	
ALL GE MARK II's (8)*	2,790.3	(ALL)
	28.1	(ALL BWR)
	--	(MARK II)
	--	(MARK II/III)
	2.2	(EAST OF ROCKIES)
	$2,820.6	
ALL GE MARK III's (4)	$2,790.3	(ALL)
	28.1	(ALL BWR)
	--	(MARK II/III)
	--	(MARK III ONLY)
	2.2	(EAST OF ROCKIES)
	$2,820.6	

FEE BASIS BY CATEGORY - SUMMARY

($000)

ALL PLANTS (108)	$2,790.3
ALL PWRs	47.2
+ PWRs with LDC	0
+ WESTINGHOUSE - LDC	1.2
+ WESTINGHOUSE - ICE CONDENSER	0
+ ALL B&Ws	0
or	
ALL CEs	0
ALL BWRs	28.1
+ ALL MARK I's	0
+ ALL MARK II's	0
+ ALL MARK III's	0
ALL PLANTS EAST OF ROCKIES (SEISMIC)	2.2

*All except plants west of Rockies which pay $2,200 less.

DETERMINATION OF ANNUAL FEES BY POWER REACTOR TYPE

I. Pressurized Water Reactors

A. Westinghouse Reactors (51 reactors)

1. Large Dry Containment (42)	East of Rockies (40)	West of Rockies (2)
All Plants	$2,790,300	$2,790,300
All PWRs	47,200	47,200
East of Rockies	2,200	--[1]
Large Dry Containment	-0-	--
Westinghouse Large Dry Containment	1,200	1,200
Totals	$2,840,900	$2,838,700

2. Ice Condensers (8 reactors)

All Plants	$2,790,300
All PWRs	47,200
East of Rockies	2,200
Ice Condensers	-0-
Totals	$2,839,700

B. Combustion Engineering Reactors (15 reactors)	East of Rockies (10)	West of Rockies (5)
All Plants	$2,790,300	$2,790,300
All PWRs	47,200	47,200
All CE Plants	-0-	-0-
East of Rockies	2,200	--[2]
Large Dry Containment	-0-	-0-
Totals	$2,839,700	$2,837,500

[1] Two reactors West of Rockies - Diablo Canyon 1 and 2

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

C. Babcock & Wilcox Reactors (7 reactors)	East of Rockies (7)	West of Rockies
All Plants	$2,790,300	$2,790,300
All PWRs	47,200	47,200
All B&W Plants	-0-	-0-
East of Rockies	2,200	--
Large Dry Containment	-0-	-0-
Totals	$2,839,700	$2,837,500

II. Boiling Water Reactors (36 reactors)	East of Rockies (35)	West of Rockies (1)
A. Mark I Containment (24 reactors)		
All Plants	$2,790,300	$2,790,300
All BWRs	28,100	28,100
All Mark Is	-0-	-0-
East of Rockies	2,200	-0-
Totals	$2,820,600	$2,818,400
B. Mark II Containment (8 reactors)		
All Plants	$2,790,300	$2,790,300
All BWRs	28,100	28,100
All Mark IIs	-0-	-0-
All Mark IIs & IIIs	-0-	-0-
East of Rockies	2,200	--[3]
Totals	$2,820,600	$2,818,400

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

C. Mark III Containment (4 reactors)

All Plants	$2,790,300	$2,790,300
All BWRs	28,100	28,100
All Mark IIs & IIIs	-0-	-0-
All Mark IIIs only	-0-	-0-
East of Rockies	2,200	-0-
Totals	$2,820,600	$2,818,400

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

	Other Reactors	Containment	Annual Fee
1.	Big Rock Pt.	GE Dry Containment =	$2,980,000

All Plants	$2,790,300
All BWR's	28,100
East of Rockies	2,200
	$2,820,600

[1] The "Other Reactor" listed above has not been included in the fee base. The NRC granted Big Rock Point a partial exemption from the FY 1993 annual fees in the final rule based on a request filed with the NRC in accordance with § 171.11.

Category of Costs	FY 1994 Budgeted Costs ($ In Millions)
1. Activities not attributable to an existing NRC licensee or class of licensee:	
a. reviews for DOE/DOD reactor projects, and West Valley Demonstration Project;	$2.4
b. international cooperative safety program and international safeguards activities; and	8.2
c. low level waste disposal generic activities;	6.0
2. Activities not assessed Part 170 licensing and inspection fees or Part 171 annual fees based on Commission policy:	
a. Licensing and inspection activities associated with nonprofit educational institutions; and	7.8
b. costs not recovered from Part 171 for small entities.	5.3
Total Budgeted Costs	$29.7

The annual additional charge is determined as follows:

$$\frac{\text{Total budgeted costs}}{\text{Total number of operating reactors}} = \frac{\$29.7 \text{ million}}{108} = \$275{,}000 \text{ per operating power reactor}$$

FY 1994 Budgeted Costs
Allocated to Operating Power
Reactors by Commission Policy Decision

Item	Budgeted Costs
Activities not attributable to an exiting NRC license or class of licensee	
Review of DOE/DOD reactor projects and West Valley Demonstration Project	$2.4
International Safety and Safeguards Program	8.2
Low Level Waste	6.0
Subtotal	$16.6
Activities not assessed Part 170 fees based on Commission policy	
Non-Profit Educational License/Insp.	7.8
Small Entity Surcharge	5.3
Subtotal	$13.1
Total	$29.7
Total Budgeted Costs	$29.7 108 reactors = $275,000

FY 1994 Costs Allocated By
Commission Policy Decisions
($000)

	Budget Authority		
Review of DOE Activities	PTS $	FTE	Total Cost
RSSR (DOE Reactor Designs)	$170	3.5	$979
RSSR (DOD/DOE/Projects)	0	4.9	1,133
NMLL			
West Valley - Licensing	205	.1	231
West Valley - Decommissioning	---	.1	23
AVILIS (Licensing/Inspection)	---	.2	53
AVILIS (Safeguards)	---	0	0
Total DOE Activities	$375	8.8	$2,419
International Activities			
RSSR - International Tasks	---	4.4	$1,013
NMLL - Safeguards	$2	6.7	1,557
NMLWSSR - Foreign In-Country Analyses	---	---	0
NSMS - International Programs	225	15.0	3,693
RSR - US/USSR Cooperative Agreement	700	.1	723
AEOD - International Cooperation	0	5.0	1,156
Total International	$927	31.2	$8,142
Low Level Waste (LLW)			
NMLL - Research	$4,229	5.5	$5,501
NMLL - Disposal (generic)	521	7.8	2,324
ACNW - Generic	83	1.0	314
Total LLW	$4,833	14.3	$8,139
Non-Profit Educational Licensing/Inspection			
RSSR - Licensing/Nonpower	$199	2.9	$874
RSSR - Inspection/Nonpower	---	4.5	1,040
RSSR - Exams/Nonpower	310	3.1	1,027
NMLL - Lic./Insp.	97	11.1	2,654
NMLL Research	321	1.8	737

	Budget Authority		
	PTS $	FTE	Total Cost
NMLL - Event Evaluation	---	1.2	$287
NMLL - Decommissioning - Non-Power	---	.1	23
NMLL - Decommissioning - Materials	46	1.3	347
NMLL - Radiological Surveys	144	0	144
AEOD Operational Experience Evaluation	0	.9	208
AEOD - Incident Investigation	3	.1	26
AEOD - Incident Response	0	.2	47
AEOD - Information Technology	16	0	16
AEOD Materials Data Collection	0	.2	46
OI Investigations - Materials	0	.7	162
OE Enforcement - Materials	1	.6	140
OE Enforcement - Reactors	0	.1	23
Total Non-Profit	$1,137	28.8	$7,801
Subtotal Above Activities	$7,272	83.2	$26,502
Small Entity Surcharge	---	---	6,283
Total Budgeted Costs Allocated By Commission Decision	$7,272	83.2	$32,785

To Operating Power Reactors ($32,785 - $6,283 Small Entity - $2,132 LLW)	$24,370
To Power Reactors (Small Entity Surcharge)	5,341[1]
Subtotal Power Reactors	$29,711
Fuel Facilities LLW	667
Materials LLW	1,465
Materials (Small Entity Surcharge @ .15%)	942
Total	$32,785

[1]Represents 85% of $6,283,000 small entity costs.

$$85\% = \frac{\$403.2\ (P\&NP) + \$26.5\ (\text{Policy Decision}) - \$2.1\ (\text{LLW to Materials and Fuel Facilities})}{\$513.0 - 6.5}$$

FY 1994 BUDGETED ACTIVITIES INCLUDED IN SURCHARGE 21-Apr-94

	FY 1994 PROGRAM SPT.($,K)	FY 1994 FTE	FY 1994 FEES ($, K)
RSSR PROGRAM			
Standard Reactor Designs (DOE-submitted Designs)	170	3.5	979
Lic. Reviews for Non-power Reactors (Non-Profit Ed.)	199	2.9	874
Review of DOD/DOE Projects	0	4.9	1,133
Non-power Reactor Inspection (Non-profit Ed.)	0	4.5	1,040
Examinations of Operators (Non-profit Ed.)	310	3.1	1,027
International Cooperation	0	4.4	1,013
TOTAL RSSR	679	23.3	6,066
RSR PROGRAM			
US-CIS Cooperative Agreement	700	0.1	723
NMLL PROGRAM			
Lic. and Insp. of Material Users (Non-profit Ed.)	97	11.1	2,654
Event Evaluation (Non-profit Ed.)	0	1.2	287
Subtotal Nuclear Materials Safety	97	12.3	2,941
Nuclear Materials Research (Non-profit Ed.)	321	1.8	737
Fuel Facility Licensing and Inspection (West Valley)	205	0.1	231
Uranium Enrichment Licensing and Inspection (AVLIS)	0	0.2	53
Safeguards Licensing (ALVIS)			0
Foreign In-country Analyses, etc.			0
International Safeguards	2	6.7	1,557
Subtotal Fuel Cycle Safety and Safeguards	207	7.1	1,841
LLW Disposal (Generic)	521	7.8	2,324
LLW Research	4229	5.5	5,501

	FY 1994 PROGRAM SPT.($,K)	FY 1994 FTE	FY 1994 FEES ($, K)
Review of DOE UMTRCA Actions			0
Reactor Decommissioning (Non-profit Ed.)		0.1	23
Mat'l. & Fuel Fac. Decommissioning (Non-profit Ed.)	46	1.3	347
Mat'l. & Fuel Fac. Decommissioning (West Valley)		0.1	23
Radiological Surveys (Non-profit Ed.)	144	0.0	144
Subtotal Decommissioning	190	1.5	537
AEOD (Non-profit Ed.)	19	0.5	135
ACNW (Generic LLW)	83	1.0	314
OI (Non-profit Ed.)	0	0.7	162
OE (Non-profit Ed.)	1	0.6	140
Subtotal Material SIRIE	103	2.8	750
TOTAL NMLL	5,660	38.8	14,632
RSIRIE PROGRAM			
International Cooperation	0	5.0	1,156
Operational Experience Evaluation (Non-profit Ed.)	0	0.9	208
OE (Non-profit Ed.)	0	0.1	23
TOTAL RSIRIE	0	6.0	1,387
NSMS PROGRAM			
International Program	225	15.0	3,693
TOTAL NSMS	225	15.0	3,693
TOTAL NRC	7272.0	83.2	26,502

FY 1994 BUDGETED ACTIVITIES INCLUDED IN SURCHARGE 21-Apr-94

	FY 1994 PROGRAM SPT.($,K)	FY 1994 FTE	FY 1994 FEES ($, K)
Reviews of DOE Activities	375	8.8	2,419
Non-profit Educational	1137	28.8	7,801
International Activities	927	31.2	8,142
LLW Generic	4833	14.3	8,139
TOTAL NRC	$7,272	83.2	26,502

POWER REACTORS BY TYPE

NUMBER OF

LICENSED OPERATING POWER REACTORS

Westinghouse	50	
General Electric	37	
Combustion Engineering	15	
Babcock & Wilcox	7	
TOTAL REACTORS	109	
LESS:[1]		
Big Rock Point	-1	GE BWR Dry Ambient Containment
TOTAL POWER REACTORS FOR FEE BASE	108	

[1]This licensed reactor has not been included in the fee base since historically it has been granted either full or partial exemptions from the annual fees.

LOCATION OF POWER REACTORS

VENDOR	TOTAL REACTORS LICENSED	EAST OF ROCKIES	WEST OF ROCKIES
Westinghouse PWR's	50	48	2[1]
Combustion PWR's	15	10	5[2]
B&W PWR's	7	7	-
Subtotal PWR's	72	65	7
General Electric BWR's	37	36	1[3]
TOTAL REACTORS LICENSED	109	101	8

[1]Diablo Canyon 1 and 2

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

[3]WNP-2

(e) The annual fees for licensees authorized to operate a nonpower (test and research) reactor licensed under Part 50 of this chapter, except for those reactors exempted from fees under § 171.11(a), are as follows:

Research reactor	$62,200
Test reactor	$62,200

Paragraph (e) would be revised to show the amount of the FY 1994 annual fee for nonpower (test and research) reactors. In FY 1994, $373,000 in costs are attributable to those commercial and non-exempt Federal government organizations that are licensed to operate test and research reactors. Applying these costs uniformly to those nonpower reactors subject to fees results in an annual fee of $62,200 per operating license. The Energy Policy Act establishes an exemption for certain Federally-owned research reactors that are used primarily for educational training and academic research purposes where the design of the reactor satisfies certain technical specifications set forth in the legislation. Consistent with this legislative requirement, the NRC granted an exemption from annual fees for FY 1992 and FY 1993 to the Veterans Administration Medical Center in Omaha, Nebraska, the U.S. Geological Survey for its reactor in Denver, Colorado, and the Armed Forces Radiobiological Institute in Bethesda, Maryland for its research reactor. This exemption was initially codified in the July 20, 1993 (58 FR 38695), final fee rule at § 171.11(a) and more recently in the March 17, 1994 (59 FR 12543) final rule at § 171.11(a)(2). The NRC intends to continue to grant exemptions from the annual fee to those Federally owned reactors who meet the exemption criteria as specified in § 171.11. The NRC is proposing to amend §171.11(a)(2) to exempt from annual fees the research reactor owned by the Rhode Island Atomic Energy Commission.

	TOTAL		POWER REACTORS		NON-POWER REACTORS		FUEL FACILITY		SPENT FU
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K
FY 1993 DIRECT RESOURCES									
RSSR	28,963	1034.4	28,206	1009.5	78	1.6	0	0.0	0
RSR	78,074	111.3	77,374	111.2	0	0.0	0	0.0	0
NMLL	21,084	352.5	2,488	14.5	2	0.0	3,300	75.9	878
RSIRIE	7,806	111.7	7,806	105.5	0	0.2	0	0.0	0
NSMS	325	19.0	0	0.0	0	0.0	0	0.0	0
TOTAL	$136,252	1628.9	$115,874	1240.7	$80	1.8	$3,300	75.9	$878

	$,M	$,M	$,M	$,M
RSSR	268.1	261.6	0.5	0.0
RSR	103.8	103.1	0.0	0.0
NMLL	102.6	5.8	0.0	20.8
RSIRIE	33.6	32.2	0.0	0.0
NSMS	4.7	0.0	0.0	0.0
TOTAL FEES	$512.9	$402.7	0.5	$20.8
LESS PART 170 FEES	116.2	96.7	0.1	4.0
PART 171 ANNUAL FEES	$396.6	$306.0	0.4	$16.8

(FILE: SUMRY94.WK3)

UMMARY -- PROPOSED RULE

20-Apr-94

EL	MATERIALS		TRANSPORTATION		URANIUM RECOVERY		OTHER APPLICANTS		INCLUDED IN SURCHARGE	
FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE
0.0	0	0.0	0	0.0	0	0.0	0	0.0	679	23.3
0.0	0	0.0	0	0.0	0	0.0	0	0.0	700	0.1
7.8	6,881	161.0	665	17.5	242	17.4	963	19.7	5,667	38.7
0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	6.0
0.0	0	0.0	0	0.0	0	0.0	100	4.0	225	15.0
7.8	$6,881	161.0	$665	17.5	$242	17.4	$1,063	23.7	$7,271	83.2

$,M	$,M	$,M	$,M	$,M	$,M
0.0	0.0	0.0	0.0	0.0	6.1
0.0	0.0	0.0	0.0	0.0	0.7
2.7	44.1	4.7	4.3	5.5	14.6
0.0	0.0	0.0	0.0	0.0	1.4
0.0	0.0	0.0	0.0	1.0	3.7
$2.7	$44.1	$4.7	$4.3	$6.5	$26.5
0.5	5.5	0.7	2.2	6.5	0.0
$2.2	38.6	$4.0	$2.1	$0.0	$26.5

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

Program	PS $	FTE
RSSR		
Licensing Reviews	$31	.4
Examination of Operators	47	.5
Inspections	--	.7
Total RSSR	$78	1.6
NMLL		
Information Technology -- NMSS	2	--
RSIRIE		
Operation Data Analysis	0	.1
Grand Total	$80	1.7

FTE = 1.7 x $231.2 = $393
PS = 80
Total $473

$473
- 100 Estimated Part 170 collections
$373 = $62,166 or $62,200 rounded per reactor

6 reactors

[1] Excludes nonpower reactors at nonprofit educational institutions

Nonpower Peactors Subject to Annual Fees

1.	Dow Chemical - TRIGA MARK I	R-108	50-264
2.	AEROTEST	R-98	50-228
3.	GA, TRIGA MARK I	R-38	50-89
4.	GA, TRIGA MARK F	R-67	50-163
5.	GE, NTR	R-33	50-73
6.	NIST	TR-5	50-184

SCHEDULE OF MATERIALS ANNUAL FEES

AND FEES FOR GOVERNMENT AGENCIES LICENSED BY NRC

(See footnotes at end of table)

Category of materials licenses			Annual Fees[1, 2, 3]
1. Special nuclear material:			
A.(1) Licenses for possession and use of U-235 or plutonium for fuel fabrication activities.			
High Enriched Fuel	License No.	Docket No.	
Babcock and Wilcox	SNM-42	70-27	$3,176,000
Nuclear Fuel Services	SNM-124	70-143	3,176,000
Low Enriched Fuel			
B&W Fuel Company	SNM-1168	70-1201	1,429,000
Combustion Engineering (Hematite)	SNM-33	70-36	1,429,000
General Electric Company	SNM-1097	70-1113	1,429,000
Siemens Nuclear Power	SNM-1227	70-1257	1,429,000
Westinghouse Electric Company	SNM-1107	70-1151	1,429,000
General Atomic	SNM-696	70-734	1,429,000
	Surcharge		$55,770

A.(2) All other special nuclear materials licenses not included in 1.A.(1) above for possession and use of 200 grams or more of plutonium in unsealed form or 350

grams or more of contained U-235 in unsealed form or 200 grams or more of U-233 in unsealed form.	$254,000
Surcharge	$55,770

2. Source material:

A.(1) Licenses for possession and use of source material for refining uranium mill concentrates to uranium hexafluoride. $1,114,000

Surcharge $55,770

	TOTAL		POWER REACTORS		NON-POWER REACTORS		FUEL FACILITY		SPENT FU
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K
FY 1993 DIRECT RESOURCES									
RSSR	28,963	1034.4	28,206	1009.5	78	1.6	0	0.0	0
RSR	78,074	111.3	77,374	111.2	0	0.0	0	0.0	0
NMLL	21,084	352.5	2,488	14.5	2	0.0	3,300	75.9	878
RSIRIE	7,806	111.7	7,806	105.5	0	0.2	0	0.0	0
NSMS	325	19.0	0	0.0	0	0.0	0	0.0	0
TOTAL	$136,252	1628.9	$115,874	1240.7	$80	1.8	$3,300	75.9	$878

	$,M	$,M	$,M	$,M
RSSR	268.1	261.6	0.5	0.0
RSR	103.8	103.1	0.0	0.0
NMLL	102.6	5.8	0.0	20.8
RSIRIE	33.3	32.2	0.0	0.0
NSMS	4.7	0.0	0.0	0.0
TOTAL FEES	$512.9	$402.7	0.5	$20.8
LESS PART 170 FEES	116.2	96.7	0.1	4.0
PART 171 ANNUAL FEES	$396.6	$306.0	0.4	$16.8

(FILE: SUMRY94.WK3)

MMARY -- PROPOSED RULE 20-Apr-94

	MATERIALS		TRANSPORTATION		URANIUM RECOVERY		OTHER APPLICANTS		INCLUDED IN SURCHARGE	
TE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE
0.0	0	0.0	0	0.0	0	0.0	0	0.0	679	23.3
0.0	0	0.0	0	0.0	0	0.0	0	0.0	700	0.1
7.8	6,881	161.0	665	17.5	242	17.4	963	19.7	5,667	38.7
0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	6.0
0.0	0	0.0	0	0.0	0	0.0	100	4.0	225	15.0
7.8	$6,881	161.0	$665	17.5	$242	17.4	$1,063	23.7	$7,271	83.2

,M	$,M	$,M	$,M	$,M	$,M
0.0	0.0	0.0	0.0	0.0	6.1
0.0	0.0	0.0	0.0	0.0	0.7
2.7	44.1	4.7	4.3	5.5	14.6
0.0	0.0	0.0	0.0	0.0	1.4
0.0	0.0	0.0	0.0	1.0	3.7
2.7	$44.1	$4.7	$4.3	$6.5	$26.5
0.5	5.5	0.7	2.2	6.5	0.0
2.2	38.6	$4.0	$2.1	$0.0	$26.5

ALLOCATION OF NRC FY 1994 BUDGET TO FUEL FACILITY BASE FEES[1]

	Total Program Element		Allocated to Fuel Facility	
	Program Support $,K	FTE	Program Support $,K	FTE
NMLL (RESEARCH)	$			
Radiation Protection/Health Effects	$1,575	5.3	$315	1.1
Environmental Policy and Decommissioning	$2,410	9.0	$241	.9
NMLL (RES) PROGRAM TOTAL			$556	2.0
NMLL (NMSS)				
Fuel Cycle Safety and Safeguards	$4,783	85.8	$2,432	57.1
Event Evaluation	-0-	14.9	-0-	4.2
Decommissioning	$2,215	30.8	$309	10.5
Uranium Recovery (DAM SAFETY)	$250	7.6	3	-0-
NMLL (NMSS) PROGRAM TOTAL			$2,744	71.8
NMLL (MSIRIE)				
Incident Response			-0-	1.0
Enforcement			-0-	1.2
NMLL MSIRIE Program Total			-0-	2.2
TOTAL NMLL			$3,300	76.0

TOTAL BASE FEE AMOUNT ALLOCATED TO FUEL FACILITIES	$20.8 million[2]
LESS PART 170 FUEL FACILITY FEES	4.0 million
PART 171 BASE FEES FOR FUEL FACILITIES	$16.8 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.

The allocation of the NRC's $16.8 million in budgeted costs to the individual fuel facilities is based, as in FY 1991, FY 1992, and FY 1993, primarily on the OBRA-90 conferees' guidance that licensees who require the greatest expenditure of NRC resources should pay the greatest annual fee. Because the two high-enriched fuel manufacturing facilities possess strategic quantities of nuclear materials, more NRC safeguards costs (e.g., physical security) are attributable to these facilities. Likewise, more of the safety licensing and inspection costs are allocated to the HEU facilities because more of these resources are used for HEU facilities as compared to other facilities. However, safety program assessment and safety event evaluation costs for fuel facilities are uniformly allocated to HEU and LEU facilities because these activities apply equally to each of the HEU and LEU facilities.

Using this approach, the base annual fee for each facility is shown below.

	Annual Fee
High Enriched Fuel	Safeguards and Safety
Nuclear Fuel Services	$3,176,000
Babcock and Wilcox	3,176,000
Subtotal	$6,352,000
Low Enriched Fuel	
Siemens Nuclear Power	$1,429,000
Babcock and Wilcox	1,429,000
General Electric	1,429,000
Westinghouse	1,429,000
Combustion Engineering (Hematite)	1,429,000
General Atomic	1,429,000
Subtotal	$8,574,000

UF_6 Conversion	Safeguards and Safety
Allied Signal Corp.	$1,114,000
Other fuel facilities (3 facilities at $254,000 each)	$762,000
Total	$16,802,000

One of Combustion Engineering's (CE) low enriched uranium fuel facilities has not been included in the fee base because of the D.C. Circuit Court of Appeals decision of March 16, 1993, directing the NRC to grant an exemption for FY 1991 to Combustion Engineering for one of its two facilities. As a result of the Court's decision, the NRC proposes to grant an exemption to one of CE's low enriched uranium fuel facilities for FY 1994. The NRC will therefore exclude this facility from the calculation of the FY 1994 annual fees for the low enriched fuel category.

FY 1994 PROPOSED RULE -- FUEL FACILITIES FEES 24-Apr-94

	Total		HEU		LEU		UF6		Other	
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE
NMLL(safety)										
Fuel Facility Lic. & Inspec.	461	26.5	154	8.8	231	13.3	38	2.2	38	2.2
Fuel Cycle Program Assessment	1279	8.7	256	1.7	768	5.2	128	0.9	127	0.9
Information Technology	14	0.6	3	0.1	8	0.4	1	0.1	1	0.1
Event Evaluation		4.2	0	0.8	0	2.5	0	0.4	0	0.4
Uranium Recovery (Dam Safety)	3		1	0.0	2	0.0	0	0.0	0	0.0
Decommissioning	309	10.5	62	2.1	186	6.3	31	1.1	31	1.0
Section Supervision (Fuel Cycle)		4.5		1.3		2.3		0.4		0.4
Subtotal	2066	55.0	475	15.0	1195	30.0	199	5.0	197	5.0
NMLL (safeguards)										
MC&A Licensing		2.0	0	1.6	0	0.4				
Physical Security Licensing		1.6	0	1.4	0	0.2				
MC&A Inspection	205	4.4	164	2.2	41	2.2				
Physical Security Inspection		1.8	0	1.6	0	0.2				
Fuel Cycle Program Assessment	440	5.1	330	3.8	110	1.3				
Information Technology(NMMSS)	33		25	0.0	8	0.0				
Section Supervision (Fuel Cycle)		1.8		1.3		0.5				
Subtotal	678	16.7	519	12.0	159	4.7				
NMLL (Research)										
Rad. Protection/Health Effects	315	1.1	63	0.2	189	0.7	32	0.1	31	0.1
Enviro. Policy/Decommissioning	241	0.9	48	0.2	145	0.5	24	0.1	24	0.1
	556	2.0	111	0.4	334	1.2	56	0.2	55	0.2
NMLL (SIRIE)										
Incident Response		1.0	0	0.2	0	0.6	0	0.1	0	0.1
Enforcement		1.2	0	0.2	0	0.7	0	0.1	0	0.1
Subtotal	0	2.2	0	0.4	0	1.3	0	0.2	0	0.2
TOTAL	3700	75.9	1105	27.8	1688	37.3	255	5.4	252	5.4
TOTAL FEE AMOUNT ($,M)		20.8		7.5		10.3		1.5		1.5
LESS PART 170		4.0		1.2		1.7		0.4		0.7
PART 171 ANNUAL FEE		16.8		6.4		8.6		1.1		0.8
NUMBER OF LICENSEES		12		2		6		1		3
ANNUAL FEE PER FACILITY ($,K)				3176		1429		1114		254

(FILE: FUELF94.WK3)

FY 1994
FUEL FACILITY LICENSES

FEE CATEGORY		FACILITY	DOCKET #	LICENSE #
1A (1) (HEU)	1.	B&W - Naval Fuels	70-27	SNM-42
(HEU)	2.	NFS, Inc.	70-143	SNM-124
(LEU)	1.	B&W Fuel Co.	70-1201	SNM-1168
(LEU)	2.	CE - Hematite	70-36	SNM-33
(LEU)	3.	GE - Wilmington	70-1113	SNM-1097
(LEU)	4.	Siemens Nuclear Power Corporation	70-1257	SNM-1227
(LEU)	5.	Westinghouse Electric - Columbia	70-1151	SNM-1107
(LEU)	6.	General Atomics	70-734	SNM-696
1A (2) (Other)	1.	B&W - Research Lab	70-824	SNM-778
	2.	B&W - Parks Township	70-364	SNM-414
	3.	GE - Vallecitos	70-754	SNM-960
2A (1) (UF_6)	1.	Allied Signal, Inc.	40-3392	SUB-526

Paragraph (e) would be amended to establish the additional charge which is to be added to the base annual fees shown in paragraph (d) of this final rule. The Commission is continuing the approach used in FY 1993 so as to assess the budgeted LLW costs to two broad categories of licensees (large LLW generators and small LLW generators) based on historical disposal data. This surcharge continues to be shown, for convenience, with the applicable categories in paragraph (d). Although these NRC LLW disposal regulatory activities are not directly attributable to regulation of NRC materials licensees, the costs nevertheless must be recovered in order to comply with the requirements of OBRA-90. For FY 1994, the additional charge recovers approximately 18 percent of the NRC budgeted costs of $8.1 million relating to LLW disposal generic activities from small generators, which are comprised of materials licensees that

dispose of LLW. The percentage distribution reflects the deletion of LLW disposed by Agreement State licensees. The FY 1994 budgeted costs related to the additional charge for LLW and the amount of the charge are calculated as follows:

	Category of Costs	FY 1994 Budgeted Costs ($ In Millions)
1.	Activities not attributable to an existing NRC licensee or class of licensee, i.e., LLW disposal generic activities.	$8.1

Of the $8.1 million in budgeted costs shown above for LLW activities, 82 percent of the amount ($6.7 million) are allocated to the 120 large waste generators (reactors and fuel facilities) included in 10 CFR Part 171. This results in an additional charge of $55,600 per facility. Thus, the LLW charge will be $55,600 per HEU, LEU, UF_6 facility, and each of the other 3 fuel facilities. The remaining $1.4 million is allocated to the material licensees in categories that generate low level waste (965 licensees) as follows: $1,500 per materials license except for those in Category 17. Those licensees that generate a significant amount of low level waste for purposes of the calculation of the $1,500 surcharge are in fee Categories 1.B, 1.D, 2.C, 3.A, 3.B, 3.C, 3.L, 3.M, 3.N, 4.A, 4.B, 4.C, 4.D, 5.B, 6.A, and 7.B. The surcharge for licenses in fee Category 17, which also generate and/or dispose of low level waste, is $22,800.

FY 1994

DETERMINATION OF SURCHARGE FOR
LARGE WASTE GENERATORS

$8,139K to be recovered

Percentage of LLW to large generators is 82%

There are 120 large generators for which a uniform LLW surcharge is assessed as follows:

Power Reactors	108
Fuel Facilities	12
	120

$8,139K x 82% = $6,674 ÷ 120 = $55,600 rounded

Volume of Low-Level Waste Disposed
(cubic feet in 000)

Calendar Year	Large Generators*	Small Generators*	Total
1990	736.9	147.5	884.4
1991	830.9	189.8	1,020.7
TOTALS	1,567.8	337.3	1,905.1
2 Year Average	783.9	168.7	952.6
Percentage Distribution	82%	18%	

*Includes power reactor and fuel facilities

**Includes all other licensees

Volume of Low Level Waste Disposed
(cubic feet in 000)

Calendar Year	Large Generators: Power Reactor	Large Generators: Fuel Facilities	Large Generators: Subtotal	Small Materials	Total
1990	642.8	94.1	736.9	147.5	884.4
1991	637.9	193.0	830.9	189.8	1,020.7
Totals			$1,567.8	337.3	$1,905.1
2 Year Average			783.9	168.7	952.6
Percent to Distribution			82%	18%	

Non-Agreement State LLW Vol

1990

Non Agreement States	NONUTIL	UTIL	TOTAL
DC	539	0	539
MAINE	107	6758	6865
MASSACHUSETTS	21156	19594	40750
PUERTO RICO	0	0	0
VERMONT	0	0	0
ALASKA	34	0	34
HAWAII	4739	0	4739
CONNECTICUT	9554	24584	34138
NEW JERSEY	25878	26002	52080
PENNSYLVANIA	20228	81377	101605
VIRGINIA	45482	12234	57766
DELEWARE	844	0	844
WEST VIRGINIA	95	0	95
OHIO	2175	22972	24147
INDIANA	1956	0	1956
MICHIGAN	7177	22862	36039
WISCONSIN	553	8664	9217
MINNESOTA	27156	1829	28985
S. DAKOTA	1170	0	1170
OKLAHOMA	21968	0	21968
MISSOURI	16535	3074	19609
MONTANA	195	0	195
WYOMING	15	0	15
IDAHO	40	0	40
US ARMY OUTSIDE	0	0	0
	201,596	240,000	441,596
AGREEMENT STATES Reactors	0	402765	402,765
TOTAL	201596	642765	844361
Agreement State, Fuel Fac	39996	—	39996
	241,592	642765	884,357
	27%	73%	

Fuel Fac 94,142 11%

rest 147,450 16%

1990 ANNUAL REPORT TO CONGRESS ON LOW-LEVEL WASTE MANAGEMENT PROGRESS - SEPTEMBER 1991

Non-Agreement States LLW Volume *

1991

Non Agreement States	NONUTIL	UTIL	TOTAL
[illegible]	1206		1206
MAINE	186	5023	5209
MASSACHUSETTS	18077	18388	34425
PUERTO RICO	0		0
VERMONT	704	16414	17118
ALASKA	70		70
HAWAII	2958		2958
CONNECTICUT	22778	26036	48814
NEW JERSEY	26627	30710	57337
PENNSYLVANIA	137867	86695	224562
VIRGINIA	52127	14398	66525
DELAWARE	775	0	775
WEST VIRGINIA	368		368
OHIO	5018	19718	24736
INDIANA	5724		5724
MICHIGAN		0	0
WISCONSIN	1192	6036	7228
MINNESOTA	21483	21157	42641
N. DAKOTA	9729	0	9729
OKLAHOMA	17608	0	17608
MISSOURI	14113	4942	19055
MONTANA	57	0	57
WYOMING	1		1
IDAHO	20	0	20
US ARMY OUTSIDE			0
	342,745	244,103	586,848
AGREEMENT STATES (Comm.)	0	397,742	397,742
TOTAL	742,745	637,845	980,590

Agreement + State Fed Fac

40,084	—	40,084
382,829	637,845	1,020,674
38%	62%	

Fed Fac 193,003 — 19%

Mutennede 189,826 — 21%

* 1991 ANNUAL REPORT TO CONGRESS ON LOW-LEVEL RADIOACTIVE WASTE MANAGEMENT PROGRESS – NOVEMBER 1992

2. Source material:

A. (2) Licenses for possession and use of source material in recovery operations such as milling, in-situ leaching, heap-leaching, ore buying stations, ion exchange facilities and in processing of ores containing source material for extraction of metals other than uranium or thorium, including licenses authorizing the possession of byproduct waste material (tailings) from source material recovery operations, as well as licenses authorizing the possession and maintenance of a facility in a standby mode.

Class I facilities[4]	$94,300
Class II facilities[4]	$41,200
Other facilities	$36,200
Surcharge	$170

SCHEDULE OF MATERIALS ANNUAL FEES

AND FEES FOR GOVERNMENT AGENCIES LICENSED BY NRC

(See footnotes at end of table)

Category of materials licenses	Annual Fees[1, 2, 3]
18. Department of Energy:	
b. Uranium Mill Tailing Radiation Control Act (UMTRCA) actions	$1,449,000
Surcharge	$170

	TOTAL		POWER REACTORS		NON-POWER REACTORS		FUEL FACILITY		SPENT FU
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K
FY 1993 DIRECT RESOURCES									
RSSR	28,963	1034.4	28,206	1009.5	78	1.6	0	0.0	0
RSR	78,074	111.3	77,374	111.2	0	0.0	0	0.0	0
NMLL	21,084	352.5	2,488	14.5	2	0.0	3,300	75.9	878
RSIRIE	7,806	111.7	7,806	105.5	0	0.2	0	0.0	0
NSMS	325	19.0	0	0.0	0	0.0	0	0.0	0
TOTAL	$136,252	1628.9	$115,874	1240.7	$80	1.8	$3,300	75.9	$878

	$,M	$,M	$,M	$,M
RSSR	268.1	261.6	0.5	0.0
RSR	103.8	103.1	0.0	0.0
NMLL	102.6	5.8	0.0	20.8
RSIRIE	33.6	32.2	0.0	0.0
NSMS	4.7	0.0	0.0	0.0
TOTAL FEES	$512.9	$402.7	0.5	$20.8
LESS PART 170 FEES	116.2	96.7	0.1	4.0
PART 171 ANNUAL FEES	$396.6	$306.0	0.4	$16.8

(FILE: SUMRY94.WK3)

UMMARY -- PROPOSED RULE

20-Apr-94

EL	MATERIALS		TRANSPORTATION		URANIUM RECOVERY		OTHER APPLICANTS		INCLUDED IN SURCHARGE	
FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE
0.0	0	0.0	0	0.0	0	0.0	0	0.0	679	23.3
0.0	0	0.0	0	0.0	0	0.0	0	0.0	700	0.1
7.8	6,881	161.0	665	17.5	242	17.4	963	19.7	5,667	38.7
0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	6.0
0.0	0	0.0	0	0.0	0	0.0	100	4.0	225	15.0
7.8	$6,881	161.0	$665	17.5	$242	17.4	$1,063	23.7	$7,271	83.2

$,M	$,M	$,M	$,M	$,M	$,M
0.0	0.0	0.0	0.0	0.0	6.1
0.0	0.0	0.0	0.0	0.0	0.7
2.7	44.1	4.7	4.3	5.5	14.6
0.0	0.0	0.0	0.0	0.0	1.4
0.0	0.0	0.0	0.0	1.0	3.7
$2.7	$44.1	$4.7	$4.3	$6.5	$26.5
0.5	5.5	0.7	2.2	6.5	0.0
$2.2	38.6	$4.0	$2.1	$0.0	$26.5

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Of the $2.1 million attributable to the uranium recovery class of licensees, about $1.5 million will be assessed to the Department of Energy (DOE) to recover the costs associated with DOE facilities under the Uranium Mill Tailings Radiation Control Act of 1978 (UMTRCA). These costs were previously recovered from operating power reactors because DOE was not an NRC licensee prior to September 1993 and therefore could not be billed under Part 171. In September 1993, DOE became a general licensee of the NRC because post-reclamation closure of the Spook Wyoming site had been achieved. It is estimated that approximately 44 percent of the remaining costs of $639,000 for uranium recovery is attributable to uranium mills (Class I facilities). Approximately 39 percent of the $639,000 for uranium recovery is attributable to those solution mining licensees who do not generate uranium mill tailings (Class II facilities). The remaining 17 percent is allocated to the other uranium recovery facilities (e.g. extraction of metals and rare earths). The resulting annual fees for each class of licensee are:

Class I facilities	$94,300
Class II facilities	$41,200
Other facilities	$36,200

The annual fees for FY 1994 for the uranium recovery class of licensees are about 40 percent less than the FY 1992 fees and are about 60 percent higher than the FY 1993 annual fees. The total amount of fees that must be recovered from the uranium recovery class has decreased by about 10 percent compared to FY 1993; however, the annual fee per facility has increased for two basic reasons. First the amount that is expected to be recovered through Part 170 fees has decreased as a result of completing the licensing of the Envirocare 11.e(2) byproduct disposal facility. This requires relatively more costs to be recovered through annual fees. The second cause of the increases is a decrease in the number of licensees in the class to be assessed annual fees for FY 1994.

Calculation of Annual Fee
For Uranium Recovery Licensees

The total uranium recovery budgeted costs of $2,088,000 to be recovered from annual fees is to be obtained from two sources:

1. Department of Energy (DOE)

2. Commercial licensees

The DOE costs of $1,449,000 is subtracted from the total of $2,088,000 leaving a total of $639,000 to be recovered from commercial licensees.

Uranium recovery licensees are covered under Category 2A of Part 170. That category also includes licenses for refining uranium mill concentrates to uranium hexafluoride (Allied Signal Corp.). Eliminating uranium hexafluoride conversion licenses, the number of uranium recovery licenses is 12.

Classes of licensees for annual fee purposes are:

Class I: 3 licenses include mills in operation or standby and mills with reclamation plans under review. These licenses are issued for the extraction of uranium from uranium ore.

Class II: 6 licenses which include solution mining licenses (in-situ and heap leach) issued for the extraction of uranium from uranium ores including research and development licenses.

Other: 3 licenses include licenses for extraction of metals, heavy metals and rare earths.

To recover the $639,000 in budgeted costs the annual fees are calculated as follows:

The $639,000 was allocated using the amount of the new licensing effort as follows:

Class I	= .6 FTE x 3 licenses =	1.8
Class II	= .2 FTE x 6 licenses =	1.2
Other	= .2 FTE x 3 licenses =	.6
		3.6

For the "Other" category, the allocated amount (.6/3.6 x $639,000 = $108,630) was distributed uniformly to each license ($108,630/3) = $36,210

The amount of the annual fee for the Class I and Class II licenses was determined by using the new licensing labor rate and the inspection labor rate. Because the application and inspection labor rates are indicative of the complexity of the license, this approach provided a proxy for allocating the remainder of the costs ($530,370 to Class I and Class II facilities as follows:

License Fee Category	Number of Licenses*	Part 170 Fees($) Appl.	Part 170 Fees($) Insp.	Insp. Prior.	Calc. of Multiple	Annual Fee($)
2.A.(2) Class I Uranium Mills*	3	138,730	11,561	1	450871	94,346
2.A.(2) Class II In-Situ Solution Mining*	6	46,243	19,422	1	393992	41,222
TOTAL	9				844863	

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

AMOUNT TO BE COLLECTED = 639,000 - 108,630 = 530,370

ANNUAL FEE MULTIPLIER = AMT. TO BE COLLECTED / 844863 = 0.6

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

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

Uranium Recovery
Cost Allocation By Program
($000)

Program	PTS	FTE
NMLL		
Fuel Cycle Licensing/Inspections Inspections	1	3.1
Uranium Recovery Licensing/Inspection	226	8.2
Review DOE UMTRCA Actions	15	6.2
Total	242	17.5

FTE = 17.5 x $231.2 = $4,046
PTS 242
$4,288 or $4,288
-2,200 Part 170 Estimated Collections
$2,088
-1,449 DOE UMTRCA Actions
$639

DOE UMTRCA Actions

FTE = 6.2 x $231.2 = $1,434
PTS 15

$1,449

FY 1994

Uranium Recovery Licensees

FEE CATEGORY	Mills - Program Code 11100	DOCKET	LICENSE
2.A.(2) Class I	1. Kennecott Uranium Co.	40-8584	SUA-1350
	2. Umetco	40-8681	SUA-1358
	3. Plateau Resources	40-8698	SUA-1371
	In-Situ Solution Mining -- Program Code 11500		
2.A.(2) Class II	1. Ferret Exploration	40-8943	SUA-1534
	2. Pathfinder	40-8981	SUA-1540
	3. Total Minerals	40-8502	SUA-1341
	4. Rio Algom	40-8964	SUA-1548
	5. Power Resources	40-8857	SUA-1511
	6. Quiveera Mining	40-8905	SUA-1473
	Rare Earth Extraction and Processing -- Program Code 11700		
2.A.(2) Other	1. Fansteel	40-7580	SMB-911
	2. Cabot	40-6940	SMB-920
	3. Shieldalloy	40-7102	SMB-743

SCHEDULE OF MATERIALS ANNUAL FEES

AND FEES FOR GOVERNMENT AGENCIES LICENSED BY NRC

(See footnotes at end of table)

Category of materials licenses	Annual Fees[1, 2, 3]
1. Special nuclear material:	
B. Licenses for receipt and storage of spent fuel at an independent spent fuel storage installation (ISFSI).	$363,500
Surcharge	$1,670

For spent fuel storage licenses, the generic costs of $2.2 million have been spread uniformly among those licensees who hold specific or general licenses for receipt and storage of spent fuel at an ISFSI. This results in an annual fee of $363,500.

	TOTAL		POWER REACTORS		NON-POWER REACTORS		FUEL FACILITY		SPENT FU
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K
FY 1993 DIRECT RESOURCES									
RSSR	28,963	1034.4	28,206	1009.5	78	1.6	0	0.0	0
RSR	78,074	111.3	77,374	111.2	0	0.0	0	0.0	0
NMLL	21,084	352.5	2,488	14.5	2	0.0	3,300	75.9	878
RSIRIE	7,806	111.7	7,806	105.5	0	0.2	0	0.0	0
NSMS	325	19.0	0	0.0	0	0.0	0	0.0	0
TOTAL	$136,252	1628.9	$115,874	1240.7	$80	1.8	$3,300	75.9	$878

	$,M	$,M	$,M	$,M
RSSR	268.1	261.6	0.5	0.0
RSR	103.8	103.1	0.0	0.0
NMLL	102.6	5.8	0.0	20.8
RSIRIE	33.6	32.2	0.0	0.0
NSMS	4.7	0.0	0.0	0.0
TOTAL FEES	$512.9	$402.7	0.5	$20.8
LESS PART 170 FEES	116.2	96.7	0.1	4.0
PART 171 ANNUAL FEES	$396.6	$306.0	0.4	$16.8

(FILE: SUMRY94.WK3)

EL	MATERIALS		TRANSPORTATION		URANIUM RECOVERY		OTHER APPLICANTS		INCLUDED IN SURCHARGE	
FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE
0.0	0	0.0	0	0.0	0	0.0	0	0.0	679	23.3
0.0	0	0.0	0	0.0	0	0.0	0	0.0	700	0.1
7.8	6,881	161.0	665	17.5	242	17.4	963	19.7	5,667	38.7
0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	6.0
0.0	0	0.0	0	0.0	0	0.0	100	4.0	225	15.0
7.8	$6,881	161.0	$665	17.5	$242	17.4	$1,063	23.7	$7,271	83.2

$,M	$,M	$,M	$,M	$,M	$,M
0.0	0.0	0.0	0.0	0.0	6.1
0.0	0.0	0.0	0.0	0.0	0.7
2.7	44.1	4.7	4.3	5.5	14.6
0.0	0.0	0.0	0.0	0.0	1.4
0.0	0.0	0.0	0.0	1.0	3.7
$2.7	$44.1	$4.7	$4.3	$6.5	$26.5
0.5	5.5	0.7	2.2	6.5	0.0
$2.2	38.6	$4.0	$2.1	$0.0	$26.5

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FY 1994

Spent Fuel Storage

Cost Allocation By Program
($000)

Program	PS	FTE
NMLL		
Transportation and Spent Fuel Storage License/Inspection	$874	7.8
Fuel Cycle Safety and Safeguards - Information Technology -- NMMSS	4	--
Total	$878	7.8

FTE = 7.8 x $231.2 = $1,803
PS = 878
$2,681

$2,681
-500 estimated Part 170 collections
$2,181 = $363,500 per facility
6 facilities

FY 1994

Spent Fuel Storage Licenses

	Category 1B	Docket No.	License No.
1.	Carolina Power and Light (H.B. Robinson)	72-3	SNM-2502
2.	Duke Power Co. (Oconee)	72-4	SNM-2503
3.	General Electric Co. (Morris)	72-1	SNM-25000
4.	Public Service Co. of Colorado (Ft. St. Vrain)	72-9	SNM-2504
5.	Virginia Electric & Power (Surry)	72-2	SNM-2501
6.	Baltimore Gas & Electric Co. (Calvert Cliffs)	72-8	SNM-2505

SCHEDULE OF MATERIALS ANNUAL FEES

AND FEES FOR GOVERNMENT AGENCIES LICENSED BY NRC

(See footnotes at end of table)

Category of materials licenses	Annual Fees[1, 2, 3]
10. Transportation of radioactive material:	
A. Certificates of Compliance or other package approvals issued for design of casks, packages, and shipping containers.	
Spent Fuel, High-Level Waste, and plutonium air packages	N/A[5]
Other Casks	N/A[5]
B. Approvals issued of 10 CFR Part 71 quality assurance programs.	
Users and Fabricators	$64,700
Users	$900
Surcharge	$170

SCHEDULE OF MATERIALS ANNUAL FEES

AND FEES FOR GOVERNMENT AGENCIES LICENSED BY NRC

(See footnotes at end of table)

Category of materials licenses	Annual Fees[1, 2, 3]
18. Department of Energy:	
a. Certificates of Compliance	$923,000[10]

To recover the $4.0 million attributable to the transportation class of licensees, about $923,000 would be assessed to the Department of Energy (DOE) to cover all of its transportation casks under Category 18. The remaining transportation costs for generic activities ($3.1 million) are allocated to holders of approved QA plans. The annual fee for approved QA plans is $64,700 for users and fabricators and $900 for users only.

FY 1994 FEES SU

	TOTAL		POWER REACTORS		NON-POWER REACTORS		FUEL FACILITY		SPENT FUE
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K
FY 1993 DIRECT RESOURCES									
RSSR	28,963	1034.4	28,206	1009.5	78	1.6	0	0.0	0
RSR	78,074	111.3	77,374	111.2	0	0.0	0	0.0	0
NMLL	21,084	352.5	2,488	14.5	2	0.0	3,300	75.9	878
RSIRIE	7,806	111.7	7,806	105.5	0	0.2	0	0.0	0
NSMS	325	19.0	0	0.0	0	0.0	0	0.0	0
TOTAL	$136,252	1628.9	$115,874	1240.7	$80	1.8	$3,300	75.9	$878

	$,M	$,M	$,M	$,M
RSSR	268.1	261.6	0.5	0.0
RSR	103.8	103.1	0.0	0.0
NMLL	102.6	5.8	0.0	20.8
RSIRIE	33.6	32.2	0.0	0.0
NSMS	4.7	0.0	0.0	0.0
TOTAL FEES	$512.9	$402.7	0.5	$20.8
LESS PART 170 FEES	116.2	96.7	0.1	4.0
PART 171 ANNUAL FEES	$396.6	$306.0	0.4	$16.8

(FILE: SUMRY94.WK3)

UMMARY -- PROPOSED RULE

20-Apr-94

L	MATERIALS		TRANSPORTATION		URANIUM RECOVERY		OTHER APPLICANTS		INCLUDED IN SURCHARGE	
FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE
0.0	0	0.0	0	0.0	0	0.0	0	0.0	679	23.3
0.0	0	0.0	0	0.0	0	0.0	0	0.0	700	0.1
7.8	6,881	161.0	665	17.5	242	17.4	963	19.7	5,667	38.7
0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	6.0
0.0	0	0.0	0	0.0	0	0.0	100	4.0	225	15.0
7.8	$6,881	161.0	$665	17.5	$242	17.4	$1,063	23.7	$7,271	83.2

$,M	$,M	$,M	$,M	$,M	$,M
0.0	0.0	0.0	0.0	0.0	6.1
0.0	0.0	0.0	0.0	0.0	0.7
2.7	44.1	4.7	4.3	5.5	14.6
0.0	0.0	0.0	0.0	0.0	1.4
0.0	0.0	0.0	0.0	1.0	3.7
$2.7	$44.1	$4.7	$4.3	$6.5	$26.5
0.5	5.5	0.7	2.2	6.5	0.0
$2.2	38.6	$4.0	$2.1	$0.0	$26.5

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FY 1994

TRANSPORTATION ANNUAL FEES

The total transportation budgeted cost of $4,011,000 to be recovered from annual fees is to be obtained from two sources:

1. Department of Energy (DOE)

2. Commercial licensees

The costs are allocated to the two groups in proportion to the number of Certificates of Compliance they hold. DOE holds 41 of the 181 Certificates of Compliance which have been issued. Therefore,

Total DOE annual fee = (41/181) ($4,011K) = $923K

Total commercial annual fee = $4,011K - $923K = $3,088K

Commercial annual fee assessed to package users, designers and fabricators who hold approved QA plans. QA plan fees to be based upon whether plan is for both fabrication and use, or for use only. Proportion to be same as staff resources for QA activities.

From FY 94 budget		
QA Program Approvals	0.3 FTE	(10% of total)
QA Inspections	2.6 FTE	(90% of total)
Total	2.9 FTE	

No. of QA plans approved for use	300
No. of QA plans approved for fab. & use	43
Total	343

Calculation of fees.

Fee for use only:

Fee = (0.10 x $3,088K) / 343 = $900

Fee for both fabrication and use:

Fee = $900 + (0.90 x $3,088K) / 43 = $64,653
rounded to $64,700

FY 1994

Transportation
Cost Allocation by Program
($000)

Program	PTS	FTE
NMLL (NMSS)		
Transportation Licensing and Inspection	$575	16.6
Policy, Threat and Event Assessment	90	.9
Total NMSS	$665	17.5

FTE = 17.5 x $231.2 = $4,046
PTS 665
$4,711 or $4,711
- 700 Part 170 Estimated Collections
$4,011

SCHEDULE OF MATERIALS ANNUAL FEES

AND FEES FOR GOVERNMENT 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.	$1,800
Surcharge	$170
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).	$2,200
Surcharge	$1,670
E. Licenses for the operation of a uranium enrichment facility.	$ N/A[11]

2. Source material:

B. Licenses which authorize only the possession, use and/or installation of source material for shielding. $800

Surcharge $170

C. All other source material licenses. $8,700

Surcharge $1,670

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. $19,700

Surcharge $1,670

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. $6,000

Surcharge $1,670

C. Licenses issued pursuant to §§ 32.72, 32.73, and/or 32.74 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. This category also includes the possession and use of source material for shielding authorized pursuant to Part 40 of this chapter when included on the same license. $12,000

Surcharge $1,670

D. Licenses and approvals issued pursuant to §§ 32.72, 32.73, and/or 32.74 of this chapter authorizing distribution or redistribution of radiopharmaceuticals, generators, reagent kits and/or sources or devices not involving processing of byproduct material. This category also includes the possession and use of source material for shielding authorized pursuant to Part 40 of this chapter when included on the same license. $6,000

Surcharge $170

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). $3,500

Surcharge $170

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. This category

also includes underwater irradiators for irradiation of materials in which the source is not exposed for irradiation purposes. $4,500

Surcharge $170

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. This category also includes underwater irradiators for irradiation of materials in which the source is not exposed for irradiation purposes. $24,400

Surcharge $170

H. Licenses issued pursuant to Subpart A of Part 32 of this chapter to distribute items containing byproduct material that 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. $6,800

Surcharge $170

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. $12,500

Surcharge $170

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 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. $6,600

Surcharge $170

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. $6,100

Surcharge $170

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. $14,700

Surcharge $1,670

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. $5,100

Surcharge $1,670

N. Licenses that authorize services for other licensees, except (1) licenses that authorize only calibration and/or leak testing services 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, 4C, and 4D. $6,000

Surcharge $1,670

O. Licenses for possession and use of byproduct material issued pursuant to Part 34 of this chapter for industrial radiography operations. This category also includes the possession and use of source material for shielding authorized

pursuant to Part 40 of this chapter when authorized on the same license. $19,000

Surcharge $170

P. All other specific byproduct material licenses, except those in Categories 4A through 9D. $2,300

Surcharge $170

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 contingency storage or commercial land disposal by the licensee; or licenses authorizing contingency storage of low-level radioactive waste at the site of nuclear power reactors; or licenses for receipt of waste from other persons for incineration or other treatment, packaging of resulting waste and residues, and transfer

of packages to another person authorized to receive or dispose of waste material. $130,200[2/]

Surcharge $1,670

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. $16,400

Surcharge $1,670

C. Licenses specifically authorizing the receipt of prepackaged waste byproduct material, source material, 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. $7,500

Surcharge $1,670

D. Licenses specifically authorizing the receipt, from other persons, of byproduct material as defined in Section 11.e.(2) of the Atomic Energy Act for possession and disposal except those licenses subject to the fees in Category 2.A.(2). $8,700

Surcharge $1,670

5. Well logging:

A. Licenses for possession and use of byproduct material, source material, and/or special nuclear material for well logging, well surveys, and tracer studies other than field flooding tracer studies. $12,700

Surcharge $170

B. Licenses for possession and use of byproduct material for field flooding tracer studies. $15,400

Surcharge $1,670

6. Nuclear laundries:

A. Licenses for commercial collection and laundry of items contaminated with byproduct material, source material, or special nuclear material. $15,600

Surcharge $1,670

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. This category also includes the possession and use of source material for shielding when authorized on the same license. $16,900

Surcharge $170

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. This category also includes the possession and use of source material for shielding when authorized on the same license.[9/] $30,900

Surcharge $1,670

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 licenses for byproduct material, source material, or special nuclear material in sealed sources contained in teletherapy devices. This category also includes the possession and use of source material for shielding when authorized on the same license.[9/] $5,900

Surcharge $170

8. Civil defense:

A. Licenses for possession and use of byproduct material, source material, or special nuclear material for civil defense activities. $2,100

Surcharge $170

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. $9,600

Surcharge $170

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

fuel devices. $4,900

Surcharge $170

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. $2,100

Surcharge $170

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. $1,000

Surcharge $170

11.	Standardized spent fuel facilities.	N/A[5/]
12.	Special Projects	N/A[5/]
13.	A. Spent fuel storage cask Certificate of Compliance.	N/A[5/]
	B. General licenses for storage of spent fuel under 10 CFR 72.210.	$363,500
	Surcharge	$170

14.	Byproduct, source, or special nuclear material licenses and other approvals authorizing decommissioning, decontamination, reclamation, or site restoration activities pursuant to 10 CFR Parts 30, 40, 70, and 72.	N/A[7]
15.	Import and Export licenses	N/A[8]
16.	Reciprocity	N/A[8]
17.	Master materials licenses of broad scope issued to Government agencies.	$430,500
	Surcharge	$22,970

	TOTAL		POWER REACTORS		NON-POWER REACTORS		FUEL FACILITY		SPENT FU
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K
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(FILE: SUMRY94.WK3)

UMMARY -- PROPOSED RULE 20-Apr-94

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0.0	0	0.0	0	0.0	0	0.0	0	0.0	679	23.3
0.0	0	0.0	0	0.0	0	0.0	0	0.0	700	0.1
7.8	6,881	161.0	665	17.5	242	17.4	963	19.7	5,667	38.7
0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	6.0
0.0	0	0.0	0	0.0	0	0.0	100	4.0	225	15.0
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0.0	0.0	0.0	0.0	0.0	0.7
2.7	44.1	4.7	4.3	5.5	14.6
0.0	0.0	0.0	0.0	0.0	1.4
0.0	0.0	0.0	0.0	1.0	3.7
$2.7	$44.1	$4.7	$4.3	$6.5	$26.5
0.5	5.5	0.7	2.2	6.5	0.0
$2.2	38.6	$4.0	$2.1	$0.0	$26.5

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ALLOCATION OF FY 1994 BUDGET TO MATERIAL USERS' BASE FEES[1]

	Total		Allocated to Materials Users	
	Program Support $,K	FTE	Program Support $,K	FTE
NMLL (RESEARCH)				
Materials Licensee Performance	$450	1.2	$405	1.1
Materials Regulatory Standards	1,495	12.2	1,346	11.0
Radiation Protection/Health Effects	1,575	5.3	1,134	3.8
Environmental Policy and Decommissioning	2,410	9.0	1,085	4.1
TOTAL NMLL (RES)			$3,970	20.0
NMLL (NMSS)				
Licensing/Inspection of Materials Users	$965	109.3	869	99.5
Event Evaluation	---	16.2	---	11.4
Information Technology - NMSS	1,100	---	89	---
Decommissioning	2,215	30.8	1,707	12.0
Low level waste - on site disposal	592	14.3	71	2.3
TOTAL NMLL (NMSS)			$2,736	125.2
NMLL (MSIRIE)				
Analysis and Evaluation of Operational Data	$186	6.0	167	4.5
Office of Investigations	---	7.0	---	6.3
Office of Enforcement	10	6.8	9	5.0
TOTAL NMLL Program			$6,882	161.0

BASE AMOUNT ALLOCATED TO MATERIALS USERS ($,M)	$44.1 million[2]
LESS PART 170 MATERIAL USERS FEES	$5.5 million
PART 171 BASE FEES FOR MATERIAL USERS	$38.6 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.

To equitably and fairly allocate the $38.6 million attributable to the approximately 6,500 diverse material users and registrants, the NRC has continued to base the annual fee on the Part 170 application and inspection fees. Because the application and inspection fees are indicative of the complexity of the license, this approach continues to provide a proxy for allocating the costs to the diverse categories of licensees based on how much it costs NRC to regulate each category. The fee calculation also continues to consider the inspection frequency. Inspection frequency is indicative of the safety risk and resulting regulatory costs associated with the categories of licensees. In summary, the annual fee for these categories of licenses is developed as follows:

Annual Fee = (Application Fee + Inspection Fee/Inspection Priority) x Constant + (Unique Category Costs).

The constant is the multiple necessary to recover $38.6 million and is 2.6 for FY 1994. The unique costs are any special costs that the NRC has budgeted for a specific category of licensees. For FY 1994, unique costs of approximately $2.6 million were identified for the medical improvement program which is attributable to medical licensees. Materials annual fees for FY 1994 are 13-17% higher compared to the FY 1993 annual fees. There are two basic reasons for the changes in the fees from FY 1993. First, the FY 1994 budgeted amount attributable to materials licensees is about 10 percent higher than the comparable FY 1993 amount. Second, the number of licensees to be assessed annual fees in FY 1994 has decreased (from about 6,800 to about 6,500 resulting in a 4% increase in fees). The materials fees must be established at the proposed levels in order to comply with the mandate of OBRA-90 to recover approximately 100 percent of the NRC's FY 1994 budget authority. A materials licensee may pay a reduced annual fee if the licensee qualifies as a small entity under the NRC's size standards and certifies that it is a small entity using NRC Form 526.

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	Rounded
SPECIAL NUCLEAR MATERIAL:									
1C. Industrial Gages	25	570	670	5	17600	1,829		1,829	1,800
1D. All Other SNM	75	600	1,200	5	63000	2,182		2,182	2,200
SOURCE MATERIAL:									
2B. Shielding	29	230	560	7	8990	805		805	800
2C. Other Source Materials	124	2,500	2,500	3	413333	8,659		8,659	8,700
BYPRODUCT MATERIAL:									
3A. Manufacturing - Broad	20	2,700	9,800	2	152000	19,743		19,743	19,700
3B. Manufacturing - Other	95	1,300	3,000	3	218500	5,975		5,975	6,000
3C. Radiopharmaceuticals - Manuf./Process	60	3,500	3,400	3	278000	12,036		12,036	12,000
3D. Radiopharmaceuticals - No Manuf./Process	16	1,300	3,000	3	36800	5,975		5,975	6,000
3E. Irradiators - Self-Shield	140	930	1,200	3	186200	3,455		3,455	3,500
3F. Irradiators - < 10,000 Ci	3	1,300	1,300	3	5200	4,503		4,503	4,500
3G. Irradiators - > 10,000 Ci	14	5,300	4,100	1	131600	24,418		24,418	24,400
3H. Exempt Distribution - Device Review	34	2,400	1,100	5	89080	6,806		6,806	6,800
3I. Exempt Distribution - No Device Review	86	4,600	1,000	5	412800	12,469		12,469	12,500
3J. Gen. License - Device Review	31	2,100	1,800	4	79050	6,624		6,624	6,600
3K. Gen. License - No Device Review	9	2,000	1,000	3	21000	6,061		6,061	6,100
3L. R&D - Broad	98	4,100	4,700	3	555333	14,720		14,720	14,700
3M. R&D - Other	247	1,400	2,200	4	481650	5,066		5,066	5,100
3N. Service License	86	1,700	2,400	4	197800	5,975		5,975	6,000
3O. Radiography	185	3,800	3,500	1	1350500	18,963		18,963	19,000
3P. All Other Byproduct Materials	2604	570	1,500	5	2265480	2,260		2,260	2,300

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	Rounded
WASTE DISPOSAL AND PROCESSING:									
4A. Waste Disposal*	2	40,752	9,364	1	100232	130,187		130,187	130,200
4B. Waste Receipt/Packaging	10	4,000	2,300	1	63000	16,366		16,366	16,400
4C. Waste Receipt - Prepackaged	5	1,500	2,800	2	14500	7,533		7,533	7,500
4D. Waste Disposal - 11.e(2) Byproduct**	3					8659		8,659	8,700
WELL LOGGING:									
5A. Well Logging	63	3,700	3,600	3	308700	12,729		12,729	12,700
5B. Field Flooding Tracers Studies*	1	5,500	1,300	3	5933	15,413		15,413	15,400
NUCLEAR LAUNDRY:									
6A. Nuclear Laundry	5	4,500	4,500	3	30000	15,586		15,586	15,600
HUMAN USE OF BYPRODUCT, SOURCE, OR SNM:									
7A. Teletherapy	125	3,700	2,300	1	750000	15,586	1,265	16,852	16,900
7B. Medical - Broad	107	2,700	8,700	1	1219800	29,614	1,265	30,879	30,900
7C. Medical Other	1813	1,100	2,100	3	3263400	4,676	1,265	5,941	5,900
CIVIL DEFENSE:									
8A. Civil Defense	27	670	1,100	7	22333	2,149		2,149	2,100

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	Rounded
DEVICE, PRODUCT, OR SEALED SOURCE SAFETY EVALUATION									
9A. Device/Product Safety Evaluation - Broad	176	3,700		7	651200	9,612		9,612	9600
9B. Device/Product Safety Evaluation - Other	39	1,900		7	74100	4,936		4,936	4,900
9C. Sealed Sources Safety Evaluation - Broad	71	800		7	56800	2,078		2,078	2,100
9D. Sealed Sources Safety Evaluation - Other	20	400		7	8000	1,039		1,039	1,000
SPECIAL TYPE OF LICENSES									
Air Force & Navy Broad*	2	30,428	127,978	1	316812	411,493	18,979	430,472	430,500
TOTAL	6447				13848727				

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

** Initial annual fee established at same level as Category 2C.

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	T
SPECIAL NUCLEAR MATERIAL:								
1C. Industrial Gages	25	570	670	5	17600	1,829		
1D. All Other SNM	75	600	1,200	5	63000	2,182		
SOURCE MATERIAL:								
2B. Shielding	29	230	560	7	8990	805		
2C. Other Source Materials	124	2,500	2,500	3	413333	8,659		
BYPRODUCT MATERIAL:								
3A. Manufacturing - Broad	20	2,700	9,800	2	152000	19,743		1
3B. Manufacturing - Other	95	1,300	3,000	3	218500	5,975		
3C. Radiopharmaceuticals - Manuf./Process	60	3,500	3,400	3	278000	12,036		1
3D. Radiopharmaceuticals - No Manuf./Process	16	1,300	3,000	3	36800	5,975		
3E. Irradiators - Self-Shield	140	930	1,200	3	186200	3,455		
3F. Irradiators - < 10,000 Ci	3	1,300	1,300	3	5200	4,503		
3G. Irradiators - > 10,000 Ci	14	5,300	4,100	1	131600	24,418		2
3H. Exempt Distribution - Device Review	34	2,400	1,100	5	89080	6,806		
3I. Exempt Distribution - No Device Review	86	4,600	1,000	5	412800	12,469		1
3J. Gen. License - Device Review	31	2,100	1,800	4	79050	6,624		
3K. Gen. License - No Device Review	9	2,000	1,000	3	21000	6,061		
3L. R&D - Broad	98	4,100	4,700	3	555333	14,720		1
3M. R&D - Other	247	1,400	2,200	4	481650	5,066		
3N. Service License	86	1,700	2,400	4	197800	5,975		
3O. Radiography	185	3,800	3,500	1	1350500	18,963		1
3P. All Other Byproduct Materials	2604	570	1,500	5	2265480	2,260		

8)	(9)	(10)	(11)	(12)	(13)			
				Total Collections		Number of		
$)	Surcharge		Total					Small
			Annual	Base Fee	Total		Real	Entity
al	LLW	Sm Entity	Fee	($,K)	($,K)	Sm Entity	Sm Entity	Subsidy
829		170	1,999	45	50			0
182	1,518	170	3,871	164	290	5	2	16,102
805		170	976	23	28	5	1	405
659	1,518	170	10,348	1,074	1,283	9	1	85,172
743	1,518	170	21,431	395	429	1		19,461
975	1,518	170	7,663	568	728	22	3	146,522
036	1,518	170	13,725	722	823	6	0	70,525
975		170	6,145	96	98	1		4,175
455		170	3,625	484	508	3	1	8,020
503		170	4,673	14	14			0
418		170	24,589	342	344			0
806		170	6,976	231	237	7	3	54,260
469		170	12,639	1,072	1,087	12	5	188,373
624		170	6,795	205	211	8	1	44,817
061		170	6,232	55	56	1	2	15,584
720	1,518	170	16,409	1,443	1,608	2		28,877
006	1,518	170	6,754	1,251	1,668	53	20	377,210
975	1,518	170	7,663	514	659	15	15	191,787
963		170	19,134	3,508	3,540	65	22	1,524,007
260		170	2,430	5,885	6,329	385	143	443,085

9405110317-08

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	T
WASTE DISPOSAL AND PROCESSING:								
4A. Waste Disposal*	2	40,752	9,364	1	100232	130,187		13
4B. Waste Receipt/Packaging	10	4,000	2,300	1	63000	16,366		1
4C. Waste Receipt - Prepackaged	5	1,500	2,800	2	14500	7,533		
4D. Waste Disposal - 11.e(2) Byproduct**	3					8659		
WELL LOGGING:								
5A. Well Logging	63	3,700	3,600	3	308700	12,729		1
5B. Field Flooding Tracers Studies*	1	5,500	1,300	3	5933	15,413		1
NUCLEAR LAUNDRY:								
6A. Nuclear Laundry	5	4,500	4,500	3	30000	15,586		1
HUMAN USE OF BYPRODUCT, SOURCE, OR SNM:								
7A. Teletherapy	125	3,700	2,300	1	750000	15,586	1,265	1
7B. Medical - Broad	107	2,700	8,700	1	1219800	29,614	1,265	3
7C. Medical Other	1813	1,100	2,100	3	3263400	4,676	1,265	
CIVIL DEFENSE:								
8A. Civil Defense	27	670	1,100	7	22333	2,149		

ATERIALS ANNUAL FEES

09-May-94

8)	(9)	(10)	(11)	(12)	(13)			
($)	Surcharge		Total	Total Collections		Number of		Small
cal	LLW	Sm Entity	Annual Fee	Base Fee ($,K)	Total ($,K)	Sm Entity	Real Sm Entity	Entity Subsidy
187	1,518	170	131,876	260	264			0
366	1,518	170	18,054	164	181			0
533	1,518	170	9,222	38	46			0
659		170	8,829					
729		170	12,899	802	813	23	19	485,609
413	1,518	170	17,102	15	17			0
586	1,518	170	17,275	78	86			0
852		170	17,022	2,106	2,128	8	2	153,315
879	1,518	170	32,568	3,304	3,485			0
941		170	6,112	10,771	11,080	236	92	1,487,097
149		170	2,319	58	63			0

9405110317-09

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	T
DEVICE, PRODUCT, OR SEALED SOURCE SAFETY EVALUATION								
9A. Device/Product Safety Evaluation - Broad	176	3,700		7	651200	9,612		
9B. Device/Product Safety Evaluation - Other	39	1,900		7	74100	4,936		
9C. Sealed Sources Safety Evaluation - Broad	71	800		7	56800	2,078		
9D. Sealed Sources Safety Evaluation - Other	20	400		7	8000	1,039		
SPECIAL TYPE OF LICENSES								
Air Force & Navy Broad*	2	30,428	127,978	1	316812	411,493	18,979	43
TOTAL	6450				13848727			

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

** Initial annual fee established at same level as Category 2C.

)	(9)	(10)	(11)	(12)	(13)			
				Total Collections		Number of		
)	Surcharge		Total					Small
--			Annual	Base Fee	Total		Real	Entity
l	LLW	Sm Entity	Fee	($,K)	($,K)	Sm Entity	Sm Entity	Subsidy
---	---	---	---	---	---	---	---	---
12		170	9,782	1,692	1,722	29	3	254,169
36		170	5,106	192	199			0
78		170	2,249	148	160	3		835
39		170	1,209	21	24			0
72	22,772	170	453,415	861	907			0
				======	======	======	======	======
				38,600	41,164	899	335	5,767,388

9405110317-10

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	T
TOTAL GENERAL = TOTAL - SPECIAL LICENSES - UNIQUE =		38600 -	0-	2625	35975			
ANNUAL FEE MULTIPLIER = TOTAL GENERAL /	13849	=	2.6					

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 = 0.18 * $8,139 K/ 965 = $1,518

COL (10) = SMALL ENTITY SUBSIDY = 0.15 * $6,283 K/ 5,531 = $170

COL (11) = COL (8) + COL(9)

COL (12) = [COL (1) * COL (8)] /1000

COL (13) = [COL (1) * COL (11)] /1000

(8)	(9)	(10)	(11)	(12)	(13)			
				Total Collections		Number of		
.($)	Surcharge		Total					Small
			Annual	Base Fee	Total		Real	Entity
otal	LLW	Sm Entity	Fee	($,K)	($,K)	Sm Entity	Sm Entity	Subsidy

4/19/94

FY 1994

Number of Materials Licenses to be Billed
10 CFR 171

Fee Category	No. of Licenses Subject to fees
1C	25
1D	75
2B	29
2C	124
3A	20
3B	95
3C	60
3D	16
3E	140
3F	3
3G	14
3H	34
3I	86
3J	31
3K	9
3L	98
3M	247
3N	86
3O	185
3P	2604
4A	2
4B	10
4C	5
4D	3
5A	63
5B	1
6A	5
7A	125
7B	107
7C	1813
8A	27
9A	176
9B	39
9C	71
9D	20
17	2
Total	6450

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	T
WASTE DISPOSAL AND PROCESSING:								
4A. Waste Disposal*	2	40,752	9,364	1	100232	130,187		13
4B. Waste Receipt/Packaging	10	4,000	2,300	1	63000	16,366		1
4C. Waste Receipt - Prepackaged	5	1,500	2,800	2	14500	7,533		
4D. Waste Disposal - 11.e(2) Byproduct**	3					8659		
WELL LOGGING:								
5A. Well Logging	63	3,700	3,600	3	308700	12,729		1
5B. Field Flooding Tracers Studies*	1	5,500	1,300	3	5933	15,413		1
NUCLEAR LAUNDRY:								
6A. Nuclear Laundry	5	4,500	4,500	3	30000	15,586		1
HUMAN USE OF BYPRODUCT, SOURCE, OR SNM:								
7A. Teletherapy	125	3,700	2,300	1	750000	15,586	1,265	1
7B. Medical - Broad	107	2,700	8,700	1	1219800	29,614	1,265	3
7C. Medical Other	1813	1,100	2,100	3	3263400	4,676	1,265	
CIVIL DEFENSE:								
8A. Civil Defense	27	670	1,100	7	22333	2,149		

(8)	(9)	(10)	(11)	(12)	(13)			
($)	Surcharge		Total	Total Collections		Number of		Small
otal	LLW	Sm Entity	Annual Fee	Base Fee ($,K)	Total ($,K)	Sm Entity	Real Sm Entity	Entity Subsidy
0,187	1,518	170	131,876	260	264			0
5,366	1,518	170	18,054	164	181			0
7,533	1,518	170	9,222	38	46			0
3,659		170	8,829					
2,729		170	12,899	802	813	23	19	485,609
5,413	1,518	170	17,102	15	17			0
5,586	1,518	170	17,275	78	86			0
5,852		170	17,022	2,106	2,128	8	2	153,315
0,879	1,518	170	32,568	3,304	3,485			0
5,941		170	6,112	10,771	11,080	236	92	1,487,097
2,149		170	2,319	58	63			0

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PART 170
DETERMINATION OF MATERIALS LICENSE AND INSPECTION FEES
FY 1994 BUDGET AUTHORITY

Categories	Professional Process Time (S/H)	Cost Per Staff Hour	FY 1994 Fees
Special Nuclear Material			
1C. Industrial Gauges			
New License	4.3	$133	$570
Renewal	5.1	"	680
Amendment	2.7	"	360
Inspections	5.0	"	670
1D. All Other SNM Material			
New License	5.4	"	600
Renewal	3.2	"	430
Amendment	2.5	"	330
Routine Inspections	8.7	"	1,200
Source Material			
2B. Shielding			
New License	1.7	"	230
Renewal	1.2	"	160
Amendment	2.0	"	270
Inspections	4.2	"	560
2C. All Other Source Material			
New License	18.8	"	2,500
Renewal	10.2	"	1,400
Amendment	3.4	"	450
Inspections	18.9	"	2,500

Byproduct Material

3A. Mfg-Broad Scope			
New License	20.0	$133	$2,700
Renewal	13.1	"	1,700
Amendment	3.5	"	470
Inspections	73.4	"	9,800
3B. MFg-Other			
New License	9.4	"	1,300
Renewal	16.8	"	2,200
Amendment	4.6	"	690
Inspections	22.5	"	3,000
3C. Mfg/Dist-Radiopharmaceuticals			
New License	26.2	"	3,500
Renewal	22.7	"	3,000
Amendment	3.7	"	490
Inspections	25.2	"	3,400
3D. Radiopharmaceuticals/No Process			
New License	10.0	"	1,300
Renewal	4.1	"	550
Amendment	2.8	"	370
Inspections	22.9	"	3,000
3E. Irradiators/Self-Shield			
New License	7.0	"	930
Renewal	5.7	"	760
Amendment	2.5	"	330
Inspections	9.1	"	1,200

3F. Irradiators 10,000 Ci			
New License	10.0	$133	$1,300
Renewal	7.8	"	1,000
Amendment	2.5	"	330
Inspections	9.5	"	1,300
3G. Irradiators 10,000 Ci			
New License	39.7	"	5,300
Renewal	35.9	"	4,800
Amendment	4.8	"	640
Inspections	30.8	"	4,100
3H. Exempt Dist./Device-Review			
New License	18.0	"	2,400
Renewal	17.2	"	2,300
Amendment	6.1	"	800
Inspections	8.3	"	1,100
3I. Exempt Dist/No Device Rev.			
New License	34.6	"	4,600
Renewal	20.0	"	2,700
Amendment	8.6	"	1,100
Inspections	7.8	"	1,000
3J. GL Dist/Device Rev.			
New License	15.8	"	2,100
Renewal	10.4	"	1,400
Amendment	2.8	"	370
Inspections	13.4	"	1,800

3K. GL Dist/No Device Rev.			
New License	14.7	$133	$2,000
Renewal	10.5	"	1,400
Amendment	2.0	"	270
Inspections	7.8	"	1,000
3L. R&D-Broad			
New License	31.2	"	4,100
Renewal	16.9	"	2,200
Amendment	4.7	"	630
Inspections	35.3	"	4,700
3M. R&D-Other			
New License	10.6	"	1,400
Renewal	11.5	"	1,500
Amendment	5.2	"	690
Inspections	16.4	"	2,200
3N. Service Lic.			
New License	12.5	"	$1,700
Renewal	15.5	"	2,100
Amendment	5.1	"	680
Inspections	18.1	"	2,400
3O. Radiography			
New License	28.7	"	3,800
Renewal	21.5	"	2,900
Amendment	5.2	"	690
Inspections	26.5	"	3,500

3P. All Other Byproduct Material			
New License	4.3	$133	$570
Renewal	5.1	"	680
Amendment	2.7	"	360
Inspections	11.1	"	1,500
4B. Waste Packaging			
New License	29.8	"	4,000
Renewal	16.0	"	2,100
Amendment	3.2	"	430
Inspections	17.1	"	2,300
4C. Waste-Prepackaged			
New License	11.5	"	1,500
Renewal	8.0	"	1,100
Amendment	1.9	"	250
Inspections	21.0	"	2,800
5A. Well Logging			
New License	27.7	"	3,700
Renewal	29.3	"	3,900
Amendment	4.9	"	650
Inspections	26.9	"	3,600
5B. Field Tracer Studies			
Routine Inspection	9.9	"	1,300
6A. Nuclear Laundry			
New License	34.0	"	4,500
Renewal	21.7	"	2,900
Amendment	5.3	"	700
Inspections	34.0	"	4,500

7A. Teletherapy			
New License	27.8	$133	$3,700
Renewal	9.0	"	1,200
Amendment	4.2	"	560
Inspections	17.0	"	2,300
7B. Medical-Broad			
New License	20.0	"	2,700
Renewal	26.2	"	3,500
Amendment	3.8	"	500
Inspections	65.1	"	8,700
7C. Doctors/Hospitals			
New License	8.3	"	1,100
Renewal	10.7	"	1,400
Amendment	3.8	"	500
Inspections	15.7	"	2,100
8A. Civil Defense			
New License	5.0	"	670
Renewal	5.3	"	700
Amendment	3.6	"	480
Inspections	7.9	"	1,100
9. Device, product or sealed source evaluation			
9A. Device evaluation-commercial distribution			
Application - each device	28.0	"	3,700
Amendment - each device	10.0	"	1,300
9B. Device evaluation - custom			
Application - each device	14.0	"	1,900
Amendment - each device	5.0	"	670

9C. Sealed source evaluation - comm. dist.			
Application - each device	6.0	$133	$800
Amendment - each device	2.0	"	270
9D. Sealed source evaluation - custom			
Application - each device	3.0	"	400
Amendment - each device	1.0	"	130
10B. Evaluation - Part 71 QA program			
Application - approval	2.8	"	370
Renewal	2.1	"	280
Amendment	2.4	"	320

APR 15 1994

MEMORANDUM: Frank P. Gillespie, Director
Planning, Program & Management
Support Branch
Office of Nuclear Reactor Regulation

FROM: Jesse L. Funches, Deputy Controller
Office of the Controller

SUBJECT: PROPOSED DEFINITION OF SPECIAL REPORTS

Attached are our proposed changes to NUREG-0390. A new classification of reports referred to as Special Reports has been added. This new classification of reports will not be fee billable under 10 CFR 170.21 and 170.31 if the report meets the criteria specified. It is our intent to include this change in position in the FY-94 proposed fee rule for comment. You are requested to provide your comments on the attachment by COB April 19, 1994.

Original signed by Jesse Funches

Jesse L. Funches
Deputy Controller

Attachment:
As stated

DISTRIBUTION:
B26
JFunches
LHiller
EBlack
DDandois
LTremper (2)
JHolloway
MRodriguez
LFDCB R/F (2)
DAF R/F
OC R/F

OFFICE: OC
NAME: JFunches
DATE: 4/15/94

DIANE/A:\FEES

CORRESPONDENCE FROM SPONSORING ORGANIZATION PERTAINING TO REPORT

All correspondence regarding licensing topical reports should be addressed to the U. S. Nuclear Regulatory Commission, Washington, DC 20555-0001; Document Control Desk; ATTN: Chief, Planning, Program and Management Support Branch, and should contain both the appropriate report identifier and NRC TAC number in the upper right-hand corner.

FEES FOR REVIEW OF REPORT

Lic[illegible] Topical Reports fall under the designation of Special Proje[illegible] in the schedule of fees given in 10 CFR 170.21. In accordance with 10 CFR 170.12(f), fees for applications for special projects such as topical reports are based on the full cost of the review and are payable upon notification by the Commission. The NRC intends to bill at quarterly intervals until the review is [illegible]pleted. Each bill will identify the applications [illegible] e costs related to each.

If the application is withdrawn before the staff review is completed, a fee will be assessed for actual costs to the time of withdrawal.

Footnote 2 of 10 CFR 170.21 gives detailed information on the determination of full-cos' fees and the fees for those licensing topical reports still under review for which review costs have reached an a[illegible]cation fee ceiling established in a previous rule.

Fees will not be assessed under 10 CFR 170.21 and 10 CFR 170.31 for Special Reports which have been submitted to the Commission:

(1) in response to a Generic Letter or NRC Bulletin;

(2) in response to an NRC request (at the Associate Director level or above) to resolve an identified safety or environmental issue, to assist NRC in developing a rule, regulatory guide, policy statement generic letter or bulletin; or

(3) as a means of exchanging information between industry organizations and the NRC for the purpose of supporting generic regulatory improvements or efforts.

§ 170.21 Schedule of fees for production and utilization facilities, review of standard referenced design approvals, special projects, inspections and import and export licenses.

Applicants for construction permits, manufacturing licenses, operating licenses, import and export licenses, approvals of facility standard reference designs, requalification and replacement examinations for reactor operators, and special projects and holders of construction permits, licenses, and other approvals shall pay fees for the following categories of services.

K. Import and export licenses:

Licenses for the import and export only of production and utilization facilities or the import and export only of components for production and utilization facilities issued pursuant to 10 CFR Part 110.

1. Application for import or export of reactors and other facilities and components which must be reviewed by the Commission and the Executive Branch, for example, actions under 10 CFR 110.40(b).

Application-new license $8,600
Amendment $8,600

2. Application for import or export of reactor

components and initial exports of other equipment requiring Executive Branch review only, for example, those actions under 10 CFR 110.41(a)(1)-(8).

Application-new license $5,300

Amendment $5,300

3. Application for export of components requiring foreign government assurances only.

Application-new license $3,300

Amendment $3,300

4. Application for export or import of other facility components and equipment not requiring Commission review, Executive Branch review, or foreign government assurances.

Application-new license $1,300

Amendment $1,300

5. Minor amendment of any export or import license to extend the expiration date, change domestic information, or make other revisions which do not require analysis or review.

Amendment $130

§ 170.31 Schedule of fees for materials licenses and other regulatory services, including inspections, and import and export licenses.

Applicants for materials licenses, import and export licenses, and other regulatory services and holders of materials licenses, or import and export licenses shall pay fees for the following categories of services. This schedule includes fees for health and safety and safeguards inspections where applicable.

SCHEDULE OF MATERIALS FEES

(See footnotes at end of table)

15. Import and Export licenses:

Licenses issued pursuant to 10 CFR Part 110 of this chapter for the import and export only of special nuclear material, source material, byproduct material, heavy water, tritium, or nuclear grade graphite.

A. Application for import or export of HEU and other materials which must be reviewed by the Commission and the Executive Branch, for example, those actions under 10 CFR 110.40(b).

Application-new license $8,600

Amendment $8,600

B. Application for import or export of special nuclear

material, heavy water, nuclear grade graphite, tritium, and source material, and initial exports of materials requiring Executive Branch review only, for example, those actions under 10 CFR 110.41(a)(2)-(8).

Application-new license $5,300

Amendment $5,300

C. Application for export of routine reloads of LEU reactor fuel and exports of source material requiring foreign government assurances only.

Application-new license $3,300

Amendment $3,300

D. Application for export or import of other materials not requiring Commission review, Executive Branch review or foreign government assurances.

Application-new license $1,300

Amendment $1,300

E. Minor amendment of any export or import license to extend the expiration date, change domestic information or make other revisions which do not require analysis or review.

Amendment $130

Determination of Import and Export
License Fees
FY 1994

10 CFR Part 170.21, Category K

Subcategory	Average Processing Time	Hourly Rate	Proposed Fee	Fee Rounded[1]
1	65	$133/hour	$8,645	$8,600
2	40	133	5,320	5,300
3	25	133	3,325	3,300
4	10	133	1,330	1,300
5	1	133	133	130

10 CFR Part 170.31, Category 15

Subcategory	Average Processing Time	Hourly Rate	Proposed Fee	Fee Rounded[1]
A	65	$133	$8,645	$8,600
B	40	133	5,320	5,300
C	25	133	3,325	3,300
D	10	133	1,330	1,300
E	1	133	133	130

[1]Per discussion with IP representatives, the application fees and amendment fee is the same amount for each subcategory because the processing time is the same for a new license or an amendment to the license.

16. Reciprocity:

Agreement State licensees who conduct activities in a non-Agreement State under the reciprocity provisions of 10 CFR 150.20.

Application (each filing of Form 241)	$700
Renewal	N/A
Revisions	$200
Inspections[6]	Fees as specified in appropriate fee categories in this section.

Determination of Reciprocity Fee

Fee Category[1]	Final Amendment Fee[2]
5A Well Logging	$650
30 Radiography	$690
	$1,340 ÷ 2 = $670 or $700 rounded

REVISIONS

1.3 average hours x $133/hr. = $173 or $2oo rounded up like the initial fee.

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[1]These categories were used for fee determination as licensees in these categories are most likely to engage in activities under the general license of § 150.20.

[2]Amendment fees were used as a base. Since it is estimated that review, evaluation, and processing a reciprocity request takes slightly more time than processing an amendment request, the amount was rounded up to $700 based on discussion with NMSS technical staff.

APPENDIX A TO THIS PROPOSED RULE

REGULATORY FLEXIBILITY ANALYSIS FOR THE

AMENDMENTS TO 10 CFR PART 170 (LICENSE FEES) AND

10 CFR PART 171 (ANNUAL FEES)

I. Background.

The Regulatory Flexibility Act of 1980 (5 U.S.C. 601 et seq.) establishes as a principle of regulatory practice that agencies endeavor to fit regulatory and informational requirements, consistent with applicable statutes, to a scale commensurate with the businesses, organizations, and government jurisdictions to which they apply. To achieve this principle, the Act requires that agencies consider the impact of their actions on small entities. If the agency cannot certify that a rule will not significantly impact a substantial number of small entities, then a regulatory flexibility analysis is required to examine the impacts on small entities and the alternatives to minimize these impacts.

To assist in considering these impacts under the Regulatory Flexibility Act, the NRC adopted size standards for determining which NRC licensees qualify as small entities (50 FR 50241; December 9, 1985). These size standards were clarified November 6, 1991 (56 FR 56672). The NRC size standards are as follows:

(1) A small business is a business with annual receipts of

$3.5 million or less except private practice physicians for which the standard is annual receipts of $1 million or less.

(2) A small organization is a not-for-profit organization which is independently owned and operated and has annual receipts of $3.5 million or less.

(3) Small governmental jurisdictions are governments of cities, counties, towns, townships, villages, school districts, or special districts with a population of less than 50,000.

(4) A small educational institution is one that is (1) supported by a qualifying small governmental jurisdiction, or (2) one that is not state or publicly supported and has 500 employees or less.

Public Law 101-508, the Omnibus Budget Reconciliation Act of 1990 (OBRA-90), requires that the NRC recover approximately 100 percent of its budget authority, less appropriations from the Nuclear Waste Fund, for Fiscal Years (FY) 1991 through 1995 by assessing license and annual fees. OBRA-90 was amended in 1993 to extend the 100 percent recovery requirement for NRC through 1998. For FY 1991, the amount collected was approximately $445 million; for FY 1992, approximately $492.5 million; for FY 1993 about $518.9 million and the amount to be collected in FY 1994 is approximately $513 million.

To comply with OBRA-90, the Commission amended its fee

regulations in 10 CFR Parts 170 and 171 in FY 1991 (56 FR 31472; July 10, 1991) in FY 1992, (57 FR 32691; July 23, 1992) and in FY 1993 (58 FR 38666; July 20, 1993) based on a careful evaluation of over 1,000 comments. These final rules established the methodology used by NRC in identifying and determining the fees assessed and collected in FY 1991, FY 1992, and FY 1993. The NRC has used the same methodology established in the FY 1991, FY 1992, and FY 1993 rulemakings to establish the proposed fees to be assessed for FY 1994. The methodology for assessing low-level waste (LLW) costs was changed in FY 1993 based on the U.S. Court of Appeals decision dated March 16, 1993 (988 F.2d 146,D.C. Cir. 1993). The FY 1993 LLW allocation method has been continued in the FY 1994 proposed rule.

II. Impact on small entities.

The comments received on the proposed FY 1991, FY 1992, and FY 1993 fee rule revisions and the small entity certifications received in response to the final FY 1991, FY 1992, and FY 1993 fee rules indicate that NRC licensees qualifying as small entities under the NRC's size standards are primarily those licensed under the NRC's materials program. Therefore, this analysis will focus on the economic impact of the annual fees on materials licensees.

The Commission's fee regulations result in substantial fees being charged to those individuals, organizations, and companies that are licensed under the NRC materials program. Of these

materials licensees, the NRC estimates that about 18 percent (approximately 1,300 licensees) qualify as small entities. This estimate is based on the number of small entity certifications filed in response to the FY 1991, FY 1992, and FY 1993 fee rules. In FY 1993, the NRC conducted a survey of its materials licensees. The results of this survey indicated that about 25 percent of these licensees could qualify as small entities under the current NRC size standards.

The commenters on the FY 1991, FY 1992, and FY 1993 proposed fee rules indicated the following results if the proposed annual fees were not modified:

- Large firms would gain an unfair competitive advantage over small entities. One commenter noted that a small well-logging company (a "Mom and Pop" type of operation) would find it difficult to absorb the annual fee, while a large corporation would find it easier. Another commenter noted that the fee increase could be more easily absorbed by a high-volume nuclear medicine clinic. A gauge licensee noted that, in the very competitive soils testing market, the annual fees would put it at an extreme disadvantage with its much larger competitors because the proposed fees would be the same for a two-person licensee as for a large firm with thousands of employees.

- Some firms would be forced to cancel their licenses.

One commenter, with receipts of less than $500,000 per year, stated that the proposed rule would, in effect, force it to relinquish its soil density gauge and license, thereby reducing its ability to do its work effectively. Another commenter noted that the rule would force the company and many other small businesses to get rid of the materials license altogether. Commenters stated that the proposed rule would result in about 10 percent of the well logging licensees terminating their licenses immediately and approximately 25 percent terminating their licenses before the next annual assessment.

- Some companies would go out of business. One commenter noted that the proposal would put it, and several other small companies, out of business or, at the very least, make it hard to survive.

- Some companies would have budget problems. Many medical licensees commented that, in these times of slashed reimbursements, the proposed increase of the existing fees and the introduction of additional fees would significantly affect their budgets. Another noted that, in view of the cuts by Medicare and other third party carriers, the fees would produce a hardship and some facilities would experience a great deal of difficulty in meeting this additional burden.

Over the past three years, approximately 2,600 license, approval, and registration terminations have been requested. Although some of these terminations were requested because the license was no longer needed or licenses or registrations could be combined, indications are that other termination requests were due to the economic impact of the fees.

The NRC continues to receive written and oral comments from small materials licensees. These comments indicate that the $3.5 million threshold for small entities is not representative of small businesses with gross receipts in the thousands of dollars. These commenters believe that the $1,800 maximum annual fee represents a relatively high percentage of gross annual receipts for these "Mom and Pop" type businesses. Therefore, even the reduced annual fee could have a significant impact on the ability of these types of businesses to continue to operate.

To alleviate the continuing significant impact of the annual fees on a substantial number of small entities, the NRC considered alternatives, in accordance with the RFA. These alternatives were evaluated in the FY 1991 rule (56 FR 31472; July 10, 1991) in the FY 1992 rule (57 FR 32691; July 23, 1992 and in the FY 1993 rule (58 FR 38666; July 20, 1993). The alternatives considered by the NRC can be summarized as follows.

- Base fees on some measure of the amount of radioactivity possessed by the licensee (e.g., number of sources).

- Base fees on the frequency of use of the licensed radioactive material (e.g., volume of patients).

- Base fees on the NRC size standards for small entities.

The NRC has reexamined the FY 1991, FY 1992, and FY 1993 evaluation of the these alternatives. Based on that reexamination, the NRC continues to support the previous conclusion. That is, the NRC continues to believe that establishment of a maximum fee for small entities is the most appropriate option to reduce the impact on small entities.

The NRC established, and is proposing to continue for FY 1993, a maximum annual fee for small entities. The RFA and its implementing guidance do not provide specific guidelines on what constitutes a significant economic impact on a small entity. Therefore, the NRC has no benchmark to assist it in determining the amount or the percent of gross receipts that should be charged to a small entity. For FY 1994, the NRC proposes to rely on the analysis previously completed that established a maximum annual fee for a small entity by comparing NRC license and inspection fees under 10 CFR Part 170 with Agreement State fees for those fee categories that are expected to have a substantial number of small entities. Because these fees have been charged to small entities, the NRC continues to believe that these fees, or any adjustments to these fees during the past year, do not have a significant impact on them. In issuing this proposed rule for FY 1994, the NRC concludes that the proposed materials

license and inspection fees do not have a significant impact on a substantial number of small entities and that the maximum small entity fee of $1,800 be maintained to alleviate the impact of the fees on small entities.

By maintaining the maximum annual fee for small entities at $1,800, the annual fee for many small entities will be reduced while at the same time materials licensees, including small entities, pay for most of the FY 1994 costs ($33.3 million of the total $38.6 million) attributable to them. Therefore, the NRC is proposing to continue, for FY 1994, the maximum annual fee (base annual fee plus surcharge) for certain small entities at $1,800 for each fee category covered by each license issued to a small entity. Note that the costs not recovered from small entities are allocated to other materials licensees and to operating power reactors.

While reducing the impact on many small entities, the Commission agrees that the current maximum annual fee of $1,800 for small entities, when added to the Part 170 license and inspection fees, may continue to have a significant impact on materials licensees with annual gross receipts in the thousands of dollars. Therefore, as in FY 1992 and FY 1993, the NRC will continue the lower-tier small entity fee of $400 for small entities with relatively low gross annual receipts for FY 1994. This lower-tier small entity fee was established in the final rule published in the Federal Register of April 17, 1992 (57 FR 13625).

In establishing the annual fee for lower tier small entities, the NRC continues to retain a balance between the objectives of the RFA and OBRA-90. This balance can be measured by (1) the amount of costs attributable to small entities that is transferred to larger entities (the small entity subsidy); (2) the total annual fee small entities pay, relative to this subsidy; and (3) how much the annual fee is for a lower tier small entity. Nuclear gauge users were used to measure the reduction in fees because they represent about 40 percent of the materials licensees and most likely would include a larger percentage of lower tier small entities than would other classes of materials licensees. The Commission is continuing an annual fee of $400 for the lower tier small entities to ensure that the lower tier small entities receive a reduction (75 percent for small gauge users) substantial enough to mitigate any severe impact. Although other reduced fees would result in lower subsidies, the Commission believes that the amount of the associated annual fees, when added to the license and inspection fees, would still be considerable for small businesses and organizations with gross receipts of less than $250,000 or for governmental entities in jurisdictions with a population of less than 20,000.

III. Summary.

The NRC has determined the annual fee significantly impacts a substantial number of small entities. A maximum fee for small entities strikes a balance between the requirement to collect 100

percent of the NRC budget and the requirement to consider means of reducing the impact of the proposed fee on small entities. On the basis of its regulatory flexibility analyses, the NRC concludes that a maximum annual fee of $1,800 for small entities and a lower tier small entity annual fee of $400 for small businesses and non-profit organizations with gross annual receipts of less than $250,000, and small governmental entities with a population of less than 20,000, will reduce the impact on small entities. At the same time, these reduced annual fees are consistent with the objectives of OBRA-90. Thus, the revised fees for small entities maintain a balance between the objectives of OBRA-90 and the RFA. The NRC has used the methodology and procedures developed for the FY 1991, the FY 1992, and the FY 1993 fee rules in this proposed rule establishing the FY 1994 fees. Therefore, the analysis and conclusions established in the FY 1991, the FY 1992, and the FY 1993 rules remain valid for this proposed rule for FY 1994.

FY 1994 Budget and Rates

FY 1992 Budget By Major Category
($ In Millions)

Salaries and Benefits	$259.5
Administrative Support	86.7
Travel	15.9
Total Nonprogram Support Obligations	$362.1
Program Support	150.9
Total Budget Authority	$513.0
Less Program Support (Direct Program)	136.4
Budget Allocated to Direct FTE	$376.6

The Direct FTE Productive Hourly Rate ($133/hour rounded down) is calculated by dividing $346.0 million by the number of direct FTEs (1,628.9 FTEs) and the number of productive hours in one year (1,744 hours) as indicated in OMB Circular A-76, "Performance of Commercial Activities."

$$\frac{\$376,627,000}{1628.9} = \$231,216 \text{ per direct FTE}$$

$$\frac{\$231,216}{1,744 \text{ hours}} = \$133/\text{hour per direct FTE}$$

CALCULATION OF FY1994 FEE HOURLY RATE 07-Apr-94

MISSION AREA	FY 1994 DIRECT FTE	FY 1994 OVERHEAD FTE	FY 1994 TOTAL FTE	FY 1994 G&A Prog. Spt. ($k)
RSSR	1034.4	482.6	1517	
RSR	111.3	63.7	175	
NMLL				
NMSS	297	89	386	
RES	34.7	16.3	51	
AEOD	6	2	8	356
ACRS/ACNW	1	1	2	
ASLBP		1	1	
OI	7	6	13	
OE	6.8	2.2	9	
SUBTOTAL	352.5	117.5	470	356
RSRIE				
AEOD	58	46	104	3259
ACRS/ACNW	20.5	10.5	31	
ASLBP		26	26	693
OI	17	14	31	
OE	3.2	2.8	6	
REGIONS	13		13	
SUBTOTAL	111.7	99.3	211	3952
NSMS				
COMMISSION		41	41	62
OCAA		7	7	5
CA		10	10	15
EDO		22	22	308
CONS		7	7	3273
OGC		95	95	385
IP	17	13	30	0
PA		16	16	46
OC		107	107	3983
ADM	2	184	186	0
IRM		141	141	0
OPP		5	5	0
SECY		28	28	359
OP		73	73	0
OSBDUCR		7	7	359
SP		18	18	951
REGIONS		14	14	0
SUBTOTAL	19.0	788.0	807	9746
IG		43	43	662
TOTAL NRC (xhlw)	1628.9	1594.1	3223	14716.0

(FILE:HRRATE94.WK3)

CALCULATION OF FY1994 FEE HOURLY RATE 07-Apr-94

	Total NRC	Less HLW	Total NRC(xHLW)
Salary & Benefits	265127	5668	259459
Adminstrative Support	86718	0	86718
Travel	16125	270	15855
G&A Program Support	14,716	0	14716
Offsetting Reciepts (Excl. Fees)			-121
FTE FEE POOL			$376,627

FEE PER FTE (FEE POOL / DIRECT FTE) = $231,216 K PER FTE
FEE PER HOUR (FTE FEE / 1744 HOURS) = $133 PER HOUR

(FILE:HRRATE94.WK3)

March 16, 1994

JIM---

This is in response to your request for information on the split of FY 1994 OI and OE resources into (1) direct resources and (2) Supervisory personnel (Branch Chiefs and above) and secretaries.

	Direct	Overhead	Total
RSIRIE -- Reactor efforts			
OI	17.0	14.0	31.0
OE-HQ	3.2	2.8	6.0
-Regions	4.0	0	4.0
MSIRIE -- Materials and Waste Efforts			
OI	7.0	6.0	13.0
OE-HQ	2.8	2.2	5.0
-Regions	4.0	0	4.0
Totals			
OI	24.0	20.0	44.0
OE-HQ	6.0	5.0	11.0
-Regions	8.0	0	8.0

Please contact me if you need more information.

Elise

cc: Tom Heavey

G:\pab1\general\fees

March 23, 1994

JIM---

This is in response to your request from last week for information on the split of FY 1994 IP, ACRS, and ACNW resources into (1) direct resources and (2) supervisory personnel (Branch Chiefs and above) and secretaries.

	Direct	Overhead	Total
IP	17.0	13.0	30.0
ACRS-RSIRIE	20.5	10.5	31.0
ACNW-NMLLWSSR	1.0	1.0	2.0
ACNW-HLNWR	2.5	1.5	4.0

Please contact me if you need more information.

cc: Pat Wolfe
Tom Heavey

Elsie

G:\pab1\general\fees

March 31, 1994

MEMO FOR: Jim Holloway, OC

FROM: Tom Heavey, OC/DBA

I have met with OE and have received the breakout of the information as requested. This is in response to your request from last week for information on the split of FY 1994 OE (1) direct resources and (2) supervisory personnel (Branch Chiefs and above) and secretaries.

OE has 19 FTE (total).

The 19 OE FTE consists of:

	Materials Direct	Materials Overhead	Reactor Direct	Reactor Overhead
OE HQ	2.8	2.2	3.2	2.8
OE Regions	4.0	0	4.0	0

For the REACTOR DIRECT FTE, the 3.2, and the 4.0 are allocated:

	Power Reactors	Non-Power Reactors
OE HQ	3.1	0.1
OE Regions	3.9	0.1

For the MATERIALS DIRECT FTE, the 2.8, and the 4.0 are allocated:

	Fuel Facilities	Uranium Recovery	Transportation Casks	Spent Fuel Storage	Materials Licensees
OE HQ	0.4	0	0	0	2.4
OE Reg	0.8	0	0	0	3.2

Call me if you have any problems.

G:\pab1\general\fees2

FTE's By Office

FY 1994

Allocation of Direct FTEs by Program Area

Program Area	Number of Direct FTEs[1]
Reactor Safety and Safeguards	1034.4
Reactor Safety Research	111.3
Nuclear Material & Low Level Waste Safety and Safeguards Regulation	352.5
Reactor Special and Independent Reviews, Investigations and Enforcement	111.7
Nuclear Material Management and Support	19.0
Total Direct FTE	1,628.9[2]

[1]FTE (full time equivalent is one person working for a full year). Regional employees are counted in the mission area each supports.

[2]In FY 1992, 1,628.9 FTEs of the total 3,223 FTEs are considered to be in direct support of NRC non-NWF programs. The remaining 1,594.1 FTEs will be considered overhead and general and administrative.

Estimated Collections

FY 1992
ESTIMATED COLLECTIONS
$ In Millions

Part 171 Annual Fees	
Power Reactors	$335.7
Nonpower Reactors	.4
Fuel Facilities	17.5
Spent Fuel Storage	2.2
Uranium Recovery	.5
Transportation	4.4
Materials Users	36.1
Subtotal Part 171	$396.8
Part 170 License and Inspection Fees	116.2
Subtotal Parts 171 and 170 Fees	$513.0
NWF Appropriation	22.0
Total Budget Authority	$535.0

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

MAY 05 1994

MEMORANDUM FOR: C. James Holloway, Jr.
Special Assistant For Fee Policy and Rules
Office of the Controller

FROM: Diane B. Dandois, Chief
License Fee and Debt Collection Branch
Division of Accounting and Finance
Office of the Controller

SUBJECT: ESTIMATED COLLECTIONS PURSUANT TO 10 CFR 170 FOR FY-94

Per our recent meeting, the following is our revised estimate of collections for FY-1994:

Facilities Program (Amount in Millions)

		Licensing	Inspection	Total
1.	Power Reactors			
	Part 55 Operating Licensing	$ 8.1	---	$ 8.1
	OLs under review	5.2	---	5.2
	Standard Plants	16.5	---	16.5
	Topicals	1.1	---	1.1
	Part 50 Amendments	15.2	---	15.2
	Part 50 Inspections	----	50.6	50.6
		$ 46.1	$ 50.6	$ 96.7
2.	Research Reactors	0.1*	*	.1
	Total Facilities	$ 46.2	$ 50.6	$ 96.8

Materials Program	Licensing	Inspection	Total
1. Fuel Facilities	$ 2.0	$ 2.0	$ 4.0
2. Spent Fuel Storage	.4	.1	.5
3. Transportation	.6	.1	.7
4. Uranium Recovery	1.8	.4	2.2
5. Materials Program	2.1	3.4	5.5
Total Materials	$ 6.9	$ 6.0	12.9*
Part 170 Grand Total	$ 53.1	$ 56.6	$109.7

Diane B. Dandois, Chief
License Fee and Debt Collection Branch
Division of Accounting and Finance
Office of the Controller

*Does not include budgeted costs for reviews for USEC, LES & export/import, and any new low level waste site applications.

	TOTAL		POWER REACTORS		NON-POWER REACTORS		FUEL FACILITY		SPENT FU
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K
FY 1993 DIRECT RESOURCES									
RSSR	28,963	1034.4	28,206	1009.5	78	1.6	0	0.0	0
RSR	78,074	111.3	77,374	111.2	0	0.0	0	0.0	0
NMLL	21,084	352.5	2,488	14.5	2	0.0	3,300	75.9	878
RSIRIE	7,806	111.7	7,806	105.5	0	0.2	0	0.0	0
NSMS	325	19.0	0	0.0	0	0.0	0	0.0	0
TOTAL	$136,252	1628.9	$115,874	1240.7	$80	1.8	$3,300	75.9	$878

	$,M	$,M	$,M	$,M
RSSR	268.1	261.6	0.5	0.0
RSR	103.8	103.1	0.0	0.0
NMLL	102.6	5.8	0.0	20.8
RSIRIE	33.6	32.2	0.0	0.0
NSMS	4.7	0.0	0.0	0.0
TOTAL FEES	$512.9	$402.7	0.5	$20.8
LESS PART 170 FEES	116.2	96.7	0.1	4.0
PART 171 ANNUAL FEES	$396.6	$306.0	0.4	$16.8

(FILE: SUMRY94.WK3)

L	MATERIALS		TRANSPORTATION		URANIUM RECOVERY		OTHER APPLICANTS		INCLUDED IN SURCHARGE	
FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE
0.0	0	0.0	0	0.0	0	0.0	0	0.0	679	23.3
0.0	0	0.0	0	0.0	0	0.0	0	0.0	700	0.1
7.8	6,881	161.0	665	17.5	242	17.4	963	19.7	5,667	38.7
0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	6.0
0.0	0	0.0	0	0.0	0	0.0	100	4.0	225	15.0
7.8	$6,881	161.0	$665	17.5	$242	17.4	$1,063	23.7	$7,271	83.2

$,M	$,M	$,M	$,M	$,M	$,M
0.0	0.0	0.0	0.0	0.0	6.1
0.0	0.0	0.0	0.0	0.0	0.7
2.7	44.1	4.7	4.3	5.5	14.6
0.0	0.0	0.0	0.0	0.0	1.4
0.0	0.0	0.0	0.0	1.0	3.7
$2.7	$44.1	$4.7	$4.3	$6.5	$26.5
0.5	5.5	0.7	2.2	6.5	0.0
$2.2	38.6	$4.0	$2.1	$0.0	$26.5

9405110317-13

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

April 4, 1994

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

FROM: Frank P. Gillespie, Director
Program Management, Policy Development
and Analysis Staff
Office of Nuclear Reactor Regulation

SUBJECT: FY 1994 BUDGET -- 100 PERCENT FEE RECOVERY

This is in response to your memorandum of March 25, above subject, and confirms a previous telephone conversation between Jim Holloway and Ron Villafranco, a member of my staff.

NRR costs for FY 1994 should be allocated in the same manner as for FY 1993, that is, distributed equally to all operating reactors. For standard technical specifications, the level of work to be performed by NRC is essentially the same for all vendors.

Please direct any questions you or your staff may have in reference to this memorandum to Ron on 504-1201.

Frank P. Gillespie, Director
Program Management, Policy Development
and Analysis Staff
Office of Nuclear Reactor Regulation

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

Jim Holloway

MAR 25 1994

MEMORANDUM FOR: Frank Gillespie, Director
Program Management, Policy Development
and Analysis Staff, NRR

FROM: Jesse Funches
Deputy Controller, OC

SUBJECT: FY 1994 BUDGET -- 100 PERCENT FEE RECOVERY

We are developing the FY 1994 license and annual fees to collect 100 percent of the NRC budget authority as required in Public Law 101-508.

With respect to the FY 1994 budget for the Reactor Safety and Safeguards (RSSR) program, the following FY 1994 new budget authority has been identified for the major types of licensees (See Enclosure 1 for details):

	FTE	Program Support ($, K)
Power Reactors	1,009.5	$28,206
Nonpower-reactors	1.6	78
Other - Surcharge	23.3	679
Overhead	482.6	---
Total	1,517.0	$28,963

Please review the power reactor costs and inform me whether they should be uniformly applied to all reactors or should be allocated by reactor vendor or reactor type. For those costs that should not be allocated uniformly to all reactors, please provide a detailed allocation, by program, program element, activity, and subactivity of the resources by reactor type and/or reactor vendor.

We would appreciate receiving the information requested relating to power reactors as soon as possible but no later than COB April 6, 1994. Any comments regarding the distribution between the various classes of licensees would also be appreciated.

Direct any questions you or your staff may have to me (492-7351) or James Holloway (492-4301). Thank you for your assistance in this matter.

Jesse L. Funches
Deputy Controller

Enclosures:
As stated

	FY 1994 ENACTED MINUS RESCISSION		POWER REACTORS		NONPOWER REACTORS		INCLUDES IN SURCHARGE		INCLUDES IN HOURLY RATE	
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE
PROGRAM ELEMENT: Reactor Licensing										
ACTIVITY: Standard Reactor Designs										
SUBACTIVITIES:										
1. Evolutionary Design Certification Reviews (NRR)	950	23.2	950	23.2						
2. Review of EPRI Advanced Reactor Criteria (NRR)	0	0.4	0	0.4						
3. Passive Design Cert. Reviews (NRR)	1,060	25.4	2600	25.4						
4. Advanced Non-Light Water Reactor Design Cert. Reviews (NRR)	500	8.0	330	4.9			170	3.1		
5. Advanced Reactor Regulatory Improvements (NRR)	5,016	23.5	5016	23.5						
6. Construction Inspection Program Development (NRR)	0	3.5	0	3.5						
7. Construction Inspection Information Technology (NRR)	465	0.5	465	0.5						
8. Section Supervision (NRR)	0	11.8	0	11.4				0.4		
9. Overhead (NRR)	0	38.7								38.7
ACTIVITY TOTAL: Standard Reactor Designs										
PROGRAM SUPPORT/FTE	$9,531	135.0	9361	92.8	0	0.0	170	3.5	$0	38.7

	FY 1994 ENACTED MINUS RESCISSION		POWER REACTORS		NONPOWER REACTORS		INCLUDES IN SURCHARGE		INCLUDES IN HOURLY RATE	
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE
ACTIVITY: Reactor License Renewal										
SUBACTIVITIES:										
1. Review License Renewal Applications										
NRR	600	29.3	600	29.3						
Regions	0	0.0	0	0.0						
SUBACTIVITY TOTAL:	$600	29.3	600	29.3						
2. Section Supervision										
NRR	0	4.6	0	4.6						
Regions	0	0.0	0	0.0						
SUBACTIVITY TOTAL:	$0	4.6	0	4.6						
3. Overhead										
NRR	0	14.1							0	14.1
Regions	0	0.0							0	0.0
SUBACTIVITY TOTAL:	$0	14.1							$0	14.1
ACTIVITY TOTAL: Reactor License Renewal										
PROGRAM SUPPORT/FTE										
NRR	$600	48.0	600	33.9	0	0.0	0	0.0	$0	14.1
Regions	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
TOTAL	600	48.0	600	33.9	0	0.0	0	0.0	0	14.1

	FY 1994 ENACTED MINUS RESCISSION		POWER REACTORS		NONPOWER REACTORS		INCLUDES IN SURCHARGE		INCLUDES IN HOURLY RATE	
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE
ACTIVITY: Reactor & Site Licensing										
SUBACTIVITIES:										
1. Review Reactor License Applications										
NRR	65	6.9	65	6.9						
Regions	0	2.0	0	2.0						
SUBACTIVITY TOTAL:	$65	8.9	65	8.9						
2. Inspect Reactors Under License Review										
NRR	1,345	1.0	1345	1.0						
Regions	0	13.0	0	13.0						
SUBACTIVITY TOTAL:	$1,345	14.0	1345	14.0						
3. Early Site Permit Regs. and Reviews (NRR)	400	3.7	400	3.7						
4. Review DOD/DOE Projects (NRR)	0	4.4					0	4.4		
5. Section Supervision										
NRR	0	1.7	0	1.2				0.5		
Regions	0	2.0	0	2.0				0.0		
SUBACTIVITY TOTAL:	$0	3.7	0	3.2			0	0.5		
6. Overhead										
NRR	0	5.3							0	5.3
Regions	0	10.0							0	10.0
SUBACTIVITY TOTAL:	$0	15.3							$0	15.3
ACTIVITY TOTAL: Reactor & Site Licensing										
PROGRAM SUPPORT/FTE										
NRR	$1,810	23.0	1810	12.8	0	0.0	0	4.9	$0	5.3
Regions	0	27.0	0	17.0	0	0.0	0	0.0	0	10.0
TOTAL	1,810	50.0	1810	29.8	0	0.0	0	4.9	0	15.3

	FY 1994 ENACTED MINUS RESCISION		POWER REACTORS		NONPOWER REACTORS		INCLUDES IN SURCHARGE		INCLUDES IN HOURLY RATE	
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE
PROGRAM ELEMENT TOTAL: Reactor Licensing										
PROGRAM SUPPORT/FTE										
NRR	$11,941	206.0	$11,771	139.5	$0	0.0	$170	8.4	$0	58.1
Regions	0	27.0	0	17.0	0	0.0	0	0.0	0	10.0
TOTAL	11,941	233.0	11,771	156.5	0	0.0	170	8.4	0	68.1

	FY 1994 ENACTED MINUS RESCISION		POWER REACTORS		NONPOWER REACTORS		INCLUDES IN SURCHARGE		INCLUDES IN HOURLY RATE	
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE
PROGRAM ELEMENT: Reactor Inspection										
ACTIVITY: Resident Inspections										
SUBACTIVITIES:										
1. Resident Inspectors (Regions)	0	181.0	0	181.0						
2. Section Supervision (Regions)	0	26.0	0	26.0						
3. Overhead (Regions)	0	115.0							0	115.0
PROGRAM SUPPORT/FTE	$0	322.0	0	207.0	0	0.0	0	0.0	$0	115.0

	FY 1994 ENACTED MINUS RESCISSION		POWER REACTORS		NONPOWER REACTORS		INCLUDES IN SURCHARGE		INCLUDES IN HOURLY RATE	
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE
ACTIVITY: Region-Based Inspections										
SUBACTIVITIES:										
1. Power Reactor Inspections										
NRR	920	11.6	920	11.6						
Regions	0	162.4	0	162.4						
SUBACTIVITY TOTAL:	$920	174.0	920	174.0						
2. Allegation Followup										
NRR	0	1.0	0	1.0						
Regions	0	13.9	0	13.9						
SUBACTIVITY TOTAL:	$0	14.9	0	14.9						
3. Nonpower Reactor Inspections (Regions)	0	4.6			0	0.6	0	4.0		
4. Lab and Technical Support										
NRR	1860	0.5	1860	0.5						
Regions	0	7.5	0	7.5						
SUBACTIVITY TOTAL:	$1,860	8.0	1860	8.0						
5. Interns (Regions)	0	5.0	0	5.0						
6. Section Supervision										
NRR	0	1.9	0	1.9						
Regions	0	26.6	0	26.0		0.1		0.5		
SUBACTIVITY TOTAL:	$0	28.5	0	27.9	0	0.1	0	0.5		
7. Overhead										
NRR	0	6.0							0	6.0
Regions	0	124.0							0	124.0
SUBACTIVITY TOTAL:	$0	130.0							$0	130.0
ACTIVITY TOTAL: Region-Based Inspections										
PROGRAM SUPPORT/FTE										
NRR	$2,780	21.0	2780	15.0	0	0.0	0	0.0	$0	6.0
Regions	0	344.0	0	214.8	0	0.7	0	4.5	0	124.0
TOTAL	2,780	365.0	2780	229.8	0	0.7	0	4.5	0	130.0

	FY 1994 ENACTED MINUS RESCISSION		POWER REACTORS		NONPOWER REACTORS		INCLUDES IN SURCHARGE		INCLUDES IN HOURLY RATE	
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE
ACTIVITY: Special Inspections										
SUBACTIVITIES:										
1. Power Reactor Team Inspections										
NRR	$85	9.8	$85	9.8						
Regions	0	6.0	0	6.0						
SUBACTIVITY TOTAL:	$885	15.8	$85	15.8						
2. Vendor Inspections (NRR)	85	14.0	85	14.0						
3. Inspection Pgm. Development (NRR)	0	7.3	0	7.3						
4. Section Supervision										
NRR	0	4.6	0	4.6						
Regions	0	1.0	0	1.0						
SUBACTIVITY TOTAL:	$0	5.6	0	5.6						
5. Overhead										
NRR	0	14.3							0	14.3
Regions	0	4.0							0	4.0
SUBACTIVITY TOTAL:	$0	18.3							$0	18.3
ACTIVITY TOTAL: Special Inspections										
PROGRAM SUPPORT/FTE										
NRR	$970	50.0	970	35.7	0	0.0	0	0.0	$0	14.3
REGIONS	0	11.0	0	7.0	0	0.0	0	0.0	0	4.0
TOTAL	970	61.0	970	42.7	0	0.0	0	0.0	0	18.3

	FY 1994 ENACTED MINUS RESCISSION		POWER REACTORS		NONPOWER REACTORS		INCLUDES IN SURCHARGE		INCLUDES IN HOURLY RATE	
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE
PROGRAM ELEMENT TOTALS: Reactor Inspection										
PROGRAM SUPPORT/FTE										
NRR	$3,750	71.0	3750	50.7	0	0.0	0	0.0	$0	20.3
REGIONS	0	677.0	0	428.8	0	0.7	0	4.5	0	243.0
TOTAL	3,750	748.0	3750	479.5	0	0.7	0	4.5	0	263.3

	FY 1994 ENACTED MINUS RESCISSION		POWER REACTORS		NONPOWER REACTORS		INCLUDES IN SURCHARGE		INCLUDES IN HOURLY RATE	
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE
PROGRAM ELEMENT: Reactor Oversight										
ACTIVITY: License Maintenance and Safety Evaluations										
SUBACTIVITIES:										
1. Project Management (NRR)	0	60.5	0	60.5						
2. Licensing Actions										
NRR	2,770	67.6	2770	67.6						
Regions	0	0.0	0	0.0						
SUBACTIVITY TOTAL:	$2,770	67.6	2770	67.6						
3. Other Licensing Tasks										
NRR	390	34.0	390	34.0						
Regions	0	5.2	0	5.2						
SUBACTIVITY TOTAL:	$390	39.2	390	39.2						
4. Topical Report Reviews(NRR)	852	6.0	852	6.0						
5. Tech. Specifications (NRR)	130	7.6	130	7.6						
6. Section Supervision										
NRR	0	26.8	0	26.8						
Regions	0	0.8	0	0.8						
SUBACTIVITY TOTAL:	$0	27.6	0	27.6						
7. Overhead										
NRR	0	85.5							0	85.5
Regions	0	3.0							0	3.0
SUBACTIVITY TOTAL:	$0	88.5							$0	88.5
ACTIVITY TOTAL: License Maintenance and Safety Evaluations										
PROGRAM SUPPORT/FTE										
NRR	$4,142	288.0	4142	202.5	0	0.0	0	0.0	$0	85.5
Regions	0	9.0	0	6.0	0	0.0	0	0.0	0	3.0
TOTAL	4,142	297.0	4142	208.5	0	0.0	0	0.0	0	88.5

	FY 1994 ENACTED MINUS RESCISION		POWER REACTORS		NONPOWER REACTORS		INCLUDES IN SURCHARGE		INCLUDES IN HOURLY RATE	
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE
ACTIVITY: Interns										
SUBACTIVITIES:										
1. Interns (NRR)	0	23.0	0	23.0						
2. Section Supervision (NRR)	0	0.0	0	0.0						
3. Overhead (NRR)	0	0.0	0	0.0						
PROGRAM SUPPORT/FTE	10	23.0	0	23.0						

	FY 1994 ENACTED MINUS RESCISSION		POWER REACTORS		NONPOWER REACTORS		INCLUDES IN SURCHARGE		INCLUDES IN HOURLY RATE	
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE
ACTIVITY: Plant Performance										
SUBACTIVITIES:										
1. Reactor Reform. Eval. (NRR)	692	16.5	692	16.5						
2. Systematic Assessment of Licensee Performance										
NRR	0	0.7	0	0.7						
Regions	0	16.5	0	16.5						
SUBACTIVITY TOTAL:	$0	17.2	0	17.2						
3. Licensee Performance Oversight										
NRR	235	10.9	235	10.9						
Regions	0	1.5	0	1.5						
SUBACTIVITY TOTAL:	$235	12.4	235	12.4						
4. Section Supervision										
NRR	0	4.0	0	4.0						
Regions	0	2.0	0	2.0						
SUBACTIVITY TOTAL:	$0	6.0	0	6.0						
5. Overhead										
NRR	0	12.9							0	12.9
Regions	0	11.0							0	11.0
SUBACTIVITY TOTAL:	$0	23.9							$0	23.9
ACTIVITY TOTAL: Plant Performance										
PROGRAM SUPPORT/FTE										
NRR	$927	45.0	927	32.1	0	0.0	0	0.0	$0	12.9
Regions	0	31.0	0	20.0	0	0.0	0	0.0	0	11.0
TOTAL	927	76.0	927	52.1	0	0.0	0	0.0	0	23.9

	FY 1994 ENACTED MINUS RESCISSION		POWER REACTORS		NONPOWER REACTORS		INCLUDES IN SURCHARGE		INCLUDES IN HOURLY RATE	
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE
ACTIVITY: Human Performance										
SUBACTIVITIES:										
1. Licensing and Examination of Reactor Operators										
NRR	4,465	12.5	4108	11.5	48	0.1	310	0.9		
Regions	0	25.0	0	23.0	0	0.3	0	1.7		
SUBACTIVITY TOTAL:	$4,465	37.5	4108	34.5	48	0.4	310	2.6		
2. Human Performance Program Development and Oversight										
NRR	295	7.3	295	7.3						
Regions	0	3.0	0	3.0						
SUBACTIVITY TOTAL:	$295	10.3	295	10.3						
3. Section Supervision										
NRR	0	2.9	0	2.8		0.0		0.1		
Regions	0	4.0	0	3.6		0.1		0.4		
SUBACTIVITY TOTAL:	$0	6.9	0	6.3		0.1		0.5		
4. Overhead										
NRR	0	9.0							0	9.3
Regions	0	18.0							0	18.0
SUBACTIVITY TOTAL:	$0	27.0							$0	27.3
ACTIVITY TOTAL: Human Performance										
PROGRAM SUPPORT/FTE										
NRR	$4,760	32.0	$4,403	21.6	$48	0.2	$310	1.0	$0	9.3
Regions	0	50.0	0	29.6	0	0.3	0	2.1	0	18.0
TOTAL	4,760	82.0	4,403	51.1	48	0.5	310	3.1	0	27.3

	FY 1994 ENACTED MINUS RESCISSION		POWER REACTORS		NONPOWER REACTORS		INCLUDES IN SURCHARGE		INCLUDES IN HOURLY RATE	
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE
ACTIVITY: Other Safety Reviews and Assistance										
SUBACTIVITIES:										
1. License Reviews for Nonpower Reactors (NRR)	230	3.0			31	0.4	199	2.6		
2. Power Reactor Decommissioning										
NRR	0	5.0	0	5.0						
Regions	0	2.3	0	2.3						
SUBACTIVITY TOTAL:	$0	7.3	$0	7.3						
3. Regulatory Improvements Oversight (NRR)	1,938	18.0	1938	18.0						
4. Int'l. Cooperation (NRR)	0	3.9					0	3.9		
5. Advanced Analytical Code Support (NRR)	425	2.0	425	2						
6. Information Technology	850	7.0	850	7						
7. Section Supervision										
NRR	0	4.6		3.8		0.0		0.8		
Regions	0	0.7		0.7						
SUBACTIVITY TOTAL:	$0	5.3	$0	4.5	$0	0.0	$0	0.8		
8. Overhead										
NRR	0	9.5							0	9.5
Regions	0	2.0							0	2.0
SUBACTIVITY TOTAL:	$0	11.5							$0	11.5
ACTIVITY TOTAL: Other Safety Reviews and Assistance										
PROGRAM SUPPORT/FTE										
NRR	$3,443	53.0	$3,213	35.8	$31	0.4	$199	7.3	$0	9.5
Regions	0	5.0	0	3.0	0	0.0	0	0.0	0	2.0
TOTAL	3,443	58.0	3,213	38.8	31	0.4	199	7.3	0	11.5

	FY 1994 ENACTED MINUS RESCISSION		POWER REACTORS		NONPOWER REACTORS		INCLUDES IN SURCHARGE		INCLUDES IN HOURLY RATE	
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE
PROGRAM ELEMENT TOTAL: Reactor Oversight										
PROGRAM SUPPORT/FTE										
NRR	$13,272	441.0	$12,685	314.9	$78	0.6	$509	8.3	$0	117.2
REGIONS	0	95.0	0	58.6	0	0.3	0	2.1	0	34.0
TOTAL	13,272	536.0	12,685	373.5	78	0.9	509	10.3	0	151.2

	FY 1994 ENACTED MINUS RESCISION		POWER REACTORS		NONPOWER REACTORS		INCLUDES IN SURCHARGE		INCLUDES IN HOURLY RATE	
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE
PROGRAM SUMMARY										
**********										
PROGRAM SUPPORT:										
Direct Resources										
NRR	28,963	522.4	28,206	505.1	78	0.6	679	16.7	0	0.0
Regions	0	612.0	0	504.4	0	1.0	0	6.6	0	0.0
Overhead										
NRR	0	195.6	0	0.0	0	0.0	0	0.0	0	195.6
Regions	0	287.0	0	0.0	0	0.0	0	0.0	0	287.0
Total										
NRR	28,963	717.0	28,206	505.1	78	0.6	679	16.7	0	195.6
Regions	0	799.0	0	504.4	0	1.0	0	6.6	0	287.0
PROGRAM SUPPORT TOTAL	$28,963	1517.0	$28,206	1009.5	$78	1.6	$679	23.3	$0	482.6

REACTOR SAFETY AND SAFEGUARDS REGULATION
FY 1994-1998 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

Date Printed: 05/09/94
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(Inflation Factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
PROGRAM ELEMENT: Reactor Licensing		
ACTIVITY: Standard Reactor Designs		
SUBACTIVITIES:		
1. Evolutionary Design Certification Reviews (NRR)	950	23.2
2. Review of EPRI Advanced Reactor Criteria (NRR)	0	0.4
3. Pasnive Design Cert. Reviews (NRR)	2,600	25.4
4. Advanced Non-Light Water Reactor Design Cert. Reviews (NRR)	500	8.0
5. Advanced Reactor Regulatory Improvements (NRR)	5,016	23.5
6. Construction Inspection Program Development (NRR)	0	3.5
7. Construction Inspection Information Technology (NRR)	465	0.5

(Inflation Factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
8. Section Supervision (NRR)	0	11.8
9. Overhead (NRR)	0	38.7

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(Inflation Factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
ACTIVITY TOTAL: Standard Reactor Designs		
PROGRAM SUPPORT/FTE	$9,531	135.0
TRAVEL (NRR)	698	
SALARIES & BENEFITS*	10,848	
ACTIVITY TOTAL	$21,077	135.0

(Inflation Factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
ACTIVITY: Reactor License Renewal		
SUBACTIVITIES:		
1. Review License Renewal Applications		
NRR	600	29.3
Regions	0	0.0
SUBACTIVITY TOTAL:	$600	29.3
2. Section Supervision		
NRR	0	4.6
Regions	0	0.0
SUBACTIVITY TOTAL:	$0	4.6
3. Overhead		
NRR	0	14.1
Regions	0	0.0
SUBACTIVITY TOTAL:	$0	14.1

(Inflation Factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
ACTIVITY TOTAL: Reactor License Renewal		
PROGRAM SUPPORT/FTE		
NRR	$600	48.0
Regions	0	0.0
TOTAL	600	48.0
TRAVEL		
NRR	28	
Regions	0	
TOTAL	28	
SALARIES & BENEFITS*		
NRR	3,857	
Regions	0	
TOTAL	3,857	
TOTAL		
NRR	4,485	48.0
Regions	0	0.0
ACTIVITY TOTAL	$4,485	48.0

REACTOR SAFETY AND SAFEGUARDS REGULATION
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(Inflation Factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
ACTIVITY: Reactor & Site Licensing		
SUBACTIVITIES:		
1. Review Reactor License Applications		
NRR	65	6.9
Regions	0	2.0
SUBACTIVITY TOTAL:	$65	8.9
2. Inspect Reactors Under License Review		
NRR	1,345	1.0
Regions	0	13.0
SUBACTIVITY TOTAL:	$1,345	14.0
3. Early Site Permit Regs. and Reviews (NRR)	400	3.7
4. Review DOD/DOE Projects (NRR)	0	4.4

(Inflation Factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
5. Section Supervision		
NRR	0	1.7
Regions	0	2.0
SUBACTIVITY TOTAL:	$0	3.7
6. Overhead		
NRR	0	5.3
Regions	0	10.0
SUBACTIVITY TOTAL:	$0	15.3

REACTOR SAFETY AND SAFEGUARDS REGULATION
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(Inflation Factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
ACTIVITY TOTAL: Reactor & Site Licensing		
PROGRAM SUPPORT/FTE		
NRR	$1,810	23.0
Regions	0	27.0
TOTAL	1,810	50.0
TRAVEL		
NRR	217	
Regions	98	
TOTAL	315	
SALARIES & BENEFITS*		
NRR	1,848	
Regions	2,169	
TOTAL	4,017	
TOTAL		
NRR	3,875	23.0
Regions	2,267	27.0
ACTIVITY TOTAL	$6,142	50.0

(Inflation Factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
PROGRAM ELEMENT TOTAL: Reactor Licensing		
PROGRAM SUPPORT/FTE		
NRR	$11,941	206.0
Regions	0	27.0
TOTAL	11,941	233.0
TRAVEL		
NRR	943	
Regions	98	
TOTAL	1041	
SALARIES & BENEFITS*		
NRR	16,553	
Regions	2,169	
TOTAL	18,722	
TOTAL		
NRR	29,437	206.0
Regions	2,267	27.0
PROGRAM ELEMENT TOTAL	$31,704	233.0

(Inflation Factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
PROGRAM ELEMENT: Reactor Inspection		
ACTIVITY: Resident Inspections		
SUBACTIVITIES:		
1. Resident Inspectors (Regions)	0	181.0
2. Section Supervision (Regions)	0	26.0
3. Overhead (Regions)	0	115.0
PROGRAM SUPPORT/FTE	$0	322.0
TRAVEL (Regions)	653	
SALARIES & BENEFITS*	25,874	
ACTIVITY TOTAL	$26,527	322.0

(Inflation Factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
ACTIVITY: Region-Based Inspections		
SUBACTIVITIES:		
1. Power Reactor Inspections		
NRR	920	11.6
Regions	0	162.4
SUBACTIVITY TOTAL:	$920	174.0
2. Allegation Followup		
NRR	0	1.0
Regions	0	13.9
SUBACTIVITY TOTAL:	$0	14.9
3. Nonpower Reactor Inspections (Regions)	0	4.6
4. Lab and Technical Support		
NRR	1860	0.5
Regions	0	7.5
SUBACTIVITY TOTAL:	$1,860	8.0
5. Interns (Regions)	0	5.0

(Inflation Factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
6. Section Supervision		
NRR	0	1.9
Regions	0	26.6
SUBACTIVITY TOTAL:	$0	28.5
7. Overhead		
NRR	0	6.0
Regions	0	124.0
SUBACTIVITY TOTAL:	$0	130.0

(Inflation Factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
ACTIVITY TOTAL: Region-Based Inspections		
PROGRAM SUPPORT/FTE		
NRR	$2,780	21.0
Regions	0	344.0
TOTAL	2,780	365.0
TRAVEL		
NRR	157	
Regions	4,215	
TOTAL	4,372	
SALARIES & BENEFITS*		
NRR	1,687	
Regions	27,642	
TOTAL	29,329	
TOTAL		
NRR	4,624	21.0
Regions	31,857	344.0
ACTIVITY TOTAL	$36,481	365.0

(Inflation Fac or)	FY 1994 Enacted Minus Proposed Rescission $	FTE
ACTIVITY: Special Inspections		
SUBACTIVITIES:		
1. Power Reactor Team Inspections		
NRR	885	9.8
Regions	0	6.0
SUBACTIVITY TOTAL:	$885	15.8
2. Vendor Inspections (NRR)	85	14.0
3. Inspection Pgm. Development (NRR)	0	7.3
4. Section Supervision		
NRR	0	4.6
Regions	0	1.0
SUBACTIVITY TOTAL:	$0	5.6
5. Overhead		
NRR	0	14.3
Regions	0	4.0
SUBACTIVITY TOTAL:	$0	18.3

(Inflation Factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
ACTIVITY TOTAL: Special Inspections		
PROGRAM SUPPORT/FTE		
NRR	$970	50.0
REGIONS	0	11.0
TOTAL	970	61.0
TRAVEL		
NRR	499	
Regions	299	
TOTAL	798	
SALARIES & BENEFITS*		
NRR	4,018	
Regions	884	
TOTAL	4,902	
TOTAL		
NRR	5,487	50.0
Regions	1,183	11.0
ACTIVITY TOTAL	$6,670	61.0

(Inflation Factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
PROGRAM ELEMENT TOTAL: Reactor Inspection		
PROGRAM SUPPORT/FTE		
NRR	$3,750	71.0
REGIONS	0	677.0
TOTAL	3,750	748.0
TRAVEL		
NRR	656	
Regions	5,167	
TOTAL	5,823	
SALARIES & BENEFITS*		
NRR	5,705	
Regions	54,400	
TOTAL	60,105	
TOTAL		
NRR	10,111	71.0
Regions	59,567	677.0
PROGRAM ELEMENT TOTAL	$69,678	748.0

PROGRAM ELEMENT: Reactor Oversight

ACTIVITY: License Maintenance and Safety Evaluations

SUBACTIVITIES:

(Inflation Factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
1. Project Management (NRR)	0	60.5
2. Licensing Actions		
NRR	2,770	67.6
Regions	0	0.0
SUBACTIVITY TOTAL:	$2,770	67.6
3. Other Licensing Tasks		
NRR	390	34.0
Regions	0	5.2
SUBACTIVITY TOTAL:	$390	39.2
4. Topical Report Reviews(NRR)	852	6.0
5. Tech. Specifications (NRR)	130	7.6

(Inflation Factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
6. Section Supervision		
NRR	0	26.8
Regions	0	0.8
SUBACTIVITY TOTAL:	$0	27.6
7. Overhead		
NRR	0	85.5
Regions	0	3.0
SUBACTIVITY TOTAL:	$0	88.5

(Inflation Factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
ACTIVITY TOTAL: License Maintenance and Safety Evaluations		
PROGRAM SUPPORT/FTE		
NRR	$4,142	288.0
Regions	0	9.0
TOTAL	4,142	297.0
TRAVEL		
NRR	951	
Regions	97	
TOTAL	1048	
SALARIES & BENEFITS*		
NRR	23,142	
Regions	723	
TOTAL	23,865	
TOTAL		
NRR	28,235	288.0
Regions	820	9.0
ACTIVITY TOTAL	$29,055	297.0

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(Inflation Factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
ACTIVITY: Interns		
SUBACTIVITIES:		
1. Interns (NRR)	0	23.0
2. Section Supervision (NRR)	0	0.0
3. Overhead (NRR)	0	0.0
PROGRAM SUPPORT/FTE	$0	23.0
TRAVEL (NRR)	850	
SALARIES & BENEFITS*	1,848	
ACTIVITY TOTAL	$2,698	23.0

REACTOR SAFETY AND SAFEGUARDS REGULATION
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(Inflation Factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
ACTIVITY: Plant Performance		
SUBACTIVITIES:		
1. Reactor Peform. Eval. (NRR)	692	16.5
2. Systematic Assessment of Licensee Performance		
NRR	0	0.7
Regions	0	16.5
SUBACTIVITY TOTAL:	$0	17.2
3. Licensee Performance Oversight		
NRR	235	10.9
Regions	0	1.5
SUBACTIVITY TOTAL:	$235	12.4
4. Section Supervision		
NRR	0	4.0
Regions	0	2.0
SUBACTIVITY TOTAL:	$0	6.0
5. Overhead		
NRR	0	12.9
Regions	0	11.0
SUBACTIVITY TOTAL:	$0	23.9

REACTOR SAFETY AND SAFEGUARDS REGULATION
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(Inflation Factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
ACTIVITY TOTAL: Plant Performance		
PROGRAM SUPPORT/FTE		
NRR	$927	45.0
Regions	0	31.0
TOTAL	927	76.0
TRAVEL		
NRR	300	
Regions	236	
TOTAL	536	
SALARIES & BENEFITS*		
NRR	3,616	
Regions	2,491	
TOTAL	6,107	
TOTAL		
NRR	4,843	45.0
Regions	2,727	31.0
ACTIVITY TOTAL	$7,570	76.0

(Inflation Factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
ACTIVITY: Human Performance		
SUBACTIVITIES:		
1. Licensing and Examination of Reactor Operators		
NRR	4,465	12.5
Regions	0	25.0
SUBACTIVITY TOTAL:	$4,465	37.5
2. Human Performance Program Development and Oversight		
NRR	295	7.3
Regions	0	3.0
SUBACTIVITY TOTAL:	$295	10.3
3. Section Supervision		
NRR	0	2.9
Regions	0	4.0
SUBACTIVITY TOTAL:	$0	6.9
4. Overhead		
NRR	0	9.3
Regions	0	18.0
SUBACTIVITY TOTAL:	$0	27.3

REACTOR SAFETY AND SAFEGUARDS REGULATION
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(Inflation Factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
ACTIVITY TOTAL: Human Performance		
PROGRAM SUPPORT/FTE		
NRR	$4,760	32.0
Regions	0	50.0
TOTAL	4,760	82.0
TRAVEL		
NRR	275	
Regions	336	
TOTAL	611	
SALARIES & BENEFITS*		
NRR	2,571	
Regions	4,018	
TOTAL	6,589	
TOTAL		
NRR	7,606	32.0
Regions	4,354	50.0
ACTIVITY TOTAL	$11,960	82.0

REACTOR SAFETY AND SAFEGUARDS REGULATION
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(Inflation Factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
ACTIVITY: Other Safety Reviews and Assistance		
SUBACTIVITIES:		
1. License Reviews for Nonpower Reactors (NRR)	230	3.0
2. Power Reactor Decommissioning		
NRR	0	5.0
Regions	0	2.3
SUBACTIVITY TOTAL:	$0	7.3
3. Regulatory Improvements Oversight (NRR)	1,938	18.0
4. Int'l. Cooperation (NRR)	0	3.9
5. Advanced Analytical Code Support (NRR)	425	2.0
6. Information Technology	850	7.0

(Inflation Factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
7. Section Supervision		
NRR	0	4.6
Regions	0	0.7
SUBACTIVITY TOTAL:	$0	5.3
8. Overhead		
NRR	0	9.5
Regions	0	2.0
SUBACTIVITY TOTAL:	$0	11.5

(Inflation Factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
ACTIVITY TOTAL: Other Safety Reviews and Assistance		
PROGRAM SUPPORT/FTE		
NRR	$3,443	53.0
Regions	0	5.0
TOTAL	3,443	58.0
TRAVEL		
NRR	125	
Regions	108	
TOTAL	233	
SALARIES & BENEFITS*		
NRR	4,259	
Regions	402	
TOTAL	4,661	
TOTAL		
NRR	7,827	53.0
Regions	510	5.0
ACTIVITY TOTAL	$8,337	58.0

REACTOR SAFETY AND SAFEGUARDS REGULATION
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(Inflation Factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
PROGRAM ELEMENT TOTAL: Reactor Oversight		
PROGRAM SUPPORT/FTE		
NRR	$13,272	441.0
REGIONS	0	95.0
TOTAL	13,272	536.0
TRAVEL		
NRR	2,501	
Regions	777	
TOTAL	3,278	
SALARIES & BENEFITS*		
NRR	35,436	
Regions	7,634	
TOTAL	43,070	
TOTAL		
NRR	51,209	441.0
Regions	8,411	95.0
PROGRAM ELEMENT TOTAL	$59,620	536.0

REACTOR SAFETY AND SAFEGUARDS REGULATION
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(Inflation Factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
PROGRAM SUMMARY		
PROGRAM SUPPORT:		
Direct Resources		
NRR	28,963	522.4
Regions	0	512.0
Overhead		
NRR	0	195.6
Regions	0	287.0
Total		
NRR	28,963	718.0
Regions	0	799.0
PROGRAM SUPPORT TOTAL	$28,963	1517.0
TRAVEL:		
NRR	4,100	
Regions	6,042	
TRAVEL TOTAL	$10,142	
SALARIES AND BENEFITS:		
NRR	57,694	
Regions	64,203	
SALARIES AND BENEFITS TOTAL	$121,897	

REACTOR SAFETY AND SAFEGUARDS REGULATION
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	(Inflation Factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
PROGRAM TOTAL:			
NRR		90,757	718.0
Regions		70,245	799.0
PROGRAM TOTAL		$161,002	1517.0

Inflation Factor

*Infiation factors for salaries and benefits estimates are based on Congressional enactment of payraises, wage-in-grade increases and promotions, and changes

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

APR 0 7 1994

MEMORANDUM FOR: Jesse Funches
Deputy Controller, OC

FROM: Lloyd J. Donnelly
Director, Financial Management, Procurement, and Administration Staff, RES

SUBJECT: FY 1994 BUDGET--100 PERCENT FEE RECOVERY

As requested in your memorandum of March 25, 1994, attached is license fee information for the FY 1994 Reactor Safety Research Program.

If you or your staff has questions, please contact Cecelia Johnson on 492-3589.

Lloyd J. Donnelly
Director, Financial Management, Procurement, and Administration Staff, RES

Attachment
As stated

OFFICE OF NUCLEAR REGULATORY RESEARCH
Reactor Safety Research Program

PART 171 WORK BY RES

	FY94 PROGRAM VALUE	FY94 DIRECT FTE
Generic Efforts - All Reactors		
Pressure Vessel Safety	300	0.1
Inspection Procedures & Techniques	100	0.0
Aging of Reactor Components	3,429	3.0
Engineering Standards Support	1,537	2.3
Structural Integrity	850	0.2
Reactor Safety Experiments	247	0.5
Personnel Performance	222	0.4
Human-System Interface	1,509	1.0
Data Acquisition & Management Systems	60	1.8
HRA/PRA Methods & Applications	608	1.2
Reactor Risk Analysis	2,835	3.1
Containment Performance	90	0.1
Reactor Containment Structural Integrity	900	1.1
Severe Accident Implementation	2,025	8.0
Plant Response to Seismic & Other Events	294	1.0
Generic Safety Issue Resolution	860	7.0
Reactor Regulatory Standards	866	5.6
Reactor Radiation Protection & Health Effects	1,570	4.3
Research Educational Grants	1,218	0.0
SBIR Program	1,540	0.0
Information Technology	242	1.5
TOTAL GENERIC EFFORTS - ALL REACTORS	21,302	42.2
Generic (PWRs and BWRs Only)		
Regulatory Applications of New Source Terms	700	4.0
Pressure Vessel Safety	9,430	3.5
Piping Integrity	2,499	1.0
Inspection Procedures and Techniques	2,139	0.7
Aging of Reactor Components	850	0.7
Engineering Standards Support	656	1.0
Safety Code Development & Maintenance	954	0.6
Operating Reactor Assessments	25	1.0
Personnel Performance	550	1.1
Human-System Interface	989	0.7
HRA/PRA Methods and Applications	390	0.7
Reactor Risk Analysis	3,947	4.4
Containment Performance	3,928	3.7
Severe Accident Phenomenon	4,882	3.2
Reactor Containment Structural Integrity	355	0.4

OFFICE OF NUCLEAR REGULATORY RESEARCH
Reactor Safety Research Program

PART 171 WORK BY RES	FY94 PROGRAM VALUE	FY94 DIRECT FTE
Severe Accident Implementation	517	2.0
Generic Safety Issue Resolution	635	5.1
Reactor Radiation Protection & Health Effects	150	0.4
TOTAL GENERIC (PWRs AND BWRs ONLY)	33,596	34.2
Generic (PWRS Only)		
Reactor Safety Experiments	203	0.4
Safety Code Development & Maintenance	650	0.4
HRA/PRA Methods and Applications	50	0.1
Containment Performance	505	0.5
TOTAL GENERIC (PWRs ONLY)	1,408	1.4
Generic (BWRs Only)		
Safety Code Development & Maintenance	550	0.4
Containment Performance	200	0.2
TOTAL GENERIC (BWRs ONLY)	750	0.6
NSSS (PWRs Only)		
Piping Integrity	100	0.0
Inspection Procedures and Techniques	380	0.1
Reactor Safety Experiments	330	0.7
Generic Safety Issue Resolution	235	1.9
TOTAL NSSS (PWRs ONLY)	1,045	2.7
PWRs (Westinghouse) Large Dry Containments Only		
Human-System Interface	50	0.0
NSSS BWRs Only (GE)		
Severe Accident Phenomenon	100	0.1

OFFICE OF NUCLEAR REGULATORY RESEARCH
Reactor Safety Research Program

PART 171 WORK BY RES	FY94 PROGRAM VALUE	FY94 DIRECT FTE
Seismic (All)		
Earth Sciences	2,129	2.3
Plant Response to Seismic & Other Events	326	1.1
TOTAL SEISMIC (ALL)	2,455	3.4
Seismic (East of the Rockies)		
Earth Sciences	175	0.2
Advanced Reactors		
Engineering Issues/Advanced Reactor Designs	3,529	4.7
Systems Performance/Advanced Reactors	11,982	15.0
Advanced Reactor Risk Analysis	365	3.6
Advanced Reactor Safety Issues	100	2.0
License Renewal Regulatory Standards	303	1.0
Safety Code Development & Maintenance	214	0.1
TOTAL ADVANCED REACTORS	16,493	26.4
Russian Reactors		
US-FSU Cooperative Agreement	700	0.1
GRAND TOTAL-REACTOR SAFETY RESEARCH PROGRAM	78,074	111.3

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

MAR 25 1994

MEMORANDUM FOR: Lloyd J. Donnelly, Director
Financial Management, Procurement
and Administrative Staff, RES

FROM: Jesse Funches
Deputy Controller, OC

SUBJECT: FY 1994 BUDGET -- 100 PERCENT FEE RECOVERY

OC is developing a rule to assess FY 1994 license and annual fees to collect 100 percent of the NRC budget authority based on Public Law 101-508.

With respect to the FY 1994 budget for the Reactor Safety Research (RSR) program, the following FY 1994 new budget authority has been identified for reactor licensees (See Enclosure 1 for details):

	Direct FTE	Program Support ($, K)
Reactors	111.2	$77,374
Overhead	63.7	0
US - CIS Coop Agreement	.1	700
Total	175.0	$78,074

As in the past, Part 171 operating power reactor annual fees will be based, as appropriate, on the type of reactor (PWR, BWR or HTGR); the reactor vendor (B&W, CE, GE and Westinghouse) and the location of the reactor e.g., seismic review costs may vary from region to region. Please review the reactor costs and provide OC with a detailed allocation, by program element and activity, of the costs by reactor type, reactor vendor and reactor location (East of Rockies, West of Rockies).

We would appreciate receiving the information requesting relating to reactors as quickly as possible but no later than COB April 6, 1994. Thank you for your assistance in this matter.

Direct any questions you or your staff may have to me (492-7351) or James Holloway (492-4301).

Original signed by Jesse Funches

Jesse L. Funches
Deputy Controller

Enclosures:
As stated

DISTRIBUTION: OC R/F, OC S/F, JHolloway, LHiller, DDandois, EHeumann, RGustave, ABurda, PRabideau, JFunches, GJackson

OFFICE:	OC	:OC
NAME:	JHolloway	:JFunches
DATE:	03/29/94	:03/05/94

ALLOCATION OF RSR FY1994 BUDGET AUTHORITY FOR FEES 24-Mar-94

	FY 1994 ENACTED MINUS RESCISION		POWER REACTOR		INCLUDED IN SURCHARGE		INCLUDED I'4 HOURLY FATE	
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE
PROGRAM ELEMENT: Reactor Licensing Support								
ACTIVITY: Standard Reactor Designs								
SUBACTIVITIES:								
1. Engineering Issues for Advanced Reactor Designs	3,529	4.7	3529	4.7				
2. Systems Performance of Advanced Reactors	11,982	15.0	11982	15.0				
3. Advanced Reactor Risk Analysis	365	3.6	365	3.6				
4. Advanced Reactor Safety Issues	100	2.0	100	2.0				
5. Regulatory Application of New Source Terms	700	4.0	700	4.0				
6. Overhead	0	17.7					0	17.7
ACTIVITY TOTAL: Standard Reactor Designs								
PROGRAM SUPPORT/FTE	$16,676	47.0	$16,676	29.3	$0	0.0	$0	17.7

	FY 1994 ENACTED MINUS RESCISION		POWER REACTOR		INCLUDED IN SURCHARGE		INCLUDED IN HOURLY RATE	
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE
ACTIVITY: Reactor Aging and License Renewal								
SUBACTIVITIES:								
1. Pressure Vessel Safety	9,730	3.6	9730	3.6				
2. Piping Integrity	2,599	1.0	2599	1.0				
3. Inspection Procedures and Techniques	2,619	0.8	2619	0.8				
4. US-CIS Cooperative Agreement	700	0.1			700	0.1		
5. Aging of Reactor Components	4,279	3.7	4279	3.7				
6. Engineering Standards Support	2,193	3.3	2193	3.3				
7. Structural Integrity	850	0.2	850	0.2				
8. License Renewal Regulatory Standards	303	1.0	303	1.0				
9. Overhead	0	8.3					0	8.3
ACTIVITY TOTAL: Reactor Aging and License Renewal								
PROGRAM SUPPORT/FTE	$23,273	22.0	$22,573	13.6	$700	0.1	$0	8.3
PROGRAM ELEMENT TOTAL: Reactor Licensing Support								
PROGRAM SUPPORT/FTE	$35,949	69.0	$39,249	42.9	$700	0.1	$0	26.0

	FY 1994 ENACTED MINUS RESCISION		POWER REACTOR		INCLUDED IN SURCHARGE		INCLUDED IN HOURLY RATE	
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE
PROGRAM ELEMENT: Reactor Regulation Support								
ACTIVITY: Plant Performance								
SUBACTIVITIES:								
1. Reactor Safety Experiments	780	1.6	780	1.6				
2. Safety Code Development and Maintenance	2,368	1.6	2368	1.6				
3. Operating Reactor Assessments	25	1.0	25	1				
4. Overhead	0	1.8					0	1.8
PROGRAM SUPPORT/FTE	$3,173	6.0	$3,173	4.2	$0	0.0	$0	1.8

	FY 1994 ENACTED MINUS RESCISION		POWER REACTOR		INCLUDED IN SURCHARGE		INCLUDED IN HOURLY RATE	
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE
ACTIVITY: Human Reliability								
SUBACTIVITIES:								
1. Personnel Performance	772	1.5	772	1.5				
2. Human-System Interface	2,548	1.7	2548	1.7				
3. Data Acquisition and Management Systems	60	1.8	60	1.8				
4. HRA/PRA Methods and Applications	1,048	2.0	1048	2				
5. Overhead	0	3.0					0	3.0
PROGRAM SUPPORT/FTE	$4,428	10.0	$4,428	7.0	$0	0.0	$0	3.0

	FY 1994 ENACTED MINUS RESCISION		POWER REACTOR		INCLUDED IN SURCHARGE		INCLUDED IN HOURLY RATE	
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE
ACTIVITY: Reactor Accident Analysis								
SUBACTIVITIES:								
1. Reactor Risk Analysis	6,782	7.5	6782	7.5				
2. Containment Performance	4,723	4.4	4723	4.4				
3. Severe Accident Phenomenology	4,982	3.3	4982	3.3				
4. Reactor Containment Structural Integrity	1,255	1.5	1255	1.5				
5. Severe Accident Implementation	2,542	10.0	2542	10				
6. Overhead	0	14.3					0	14.3
PROGRAM SUPPORT/FTE	$20,284	41.0	$20,284	26.7	$0	0.0	$0	14.3

	FY 1994 ENACTED MINUS RESCISION		POWER REACTOR		INCLUDED IN SURCHARGE		INCLUDED IN HOURLY RATE	
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE
ACTIVITY: Safety Issue Resolution and Regulatory Improvements								
SUBACTIVITIES:								
1. Earth Sciences	2,304	2.5	2304	2.5				
2. Plant Response to Seismic and Other External Events	620	2.1	620	2.1				
3. Generic Safety Issue Resolution	1,730	14.0	1730	14				
4. Reactor Regulatory Standards	866	5.6	866	5.6				
5. Reactor Radiation Protection and Health Effects	1,720	4.7	1720	4.7				
6. Research Educational Grants	1,218	0.0	1218	0				
7. Small Business Innovation Research	1,540	0.0	1540	0				
8. Information Technology	242	1.5	242	1.5				
9. Overhead	0	18.6					0	18.6
ACTIVITY TOTAL: Safety Issue Resolution and Regulatory Improvements								
PROGRAM SUPPORT/FTE	$10,240	49.0	$10,240	30.4	$0	0.0	$0	18.6
PROGRAM ELEMENT TOTAL: Reactor Regulation Support								
PROGRAM SUPPORT/FTE	$38,125	106.0	$38,125	68.3	$0	0.0	$0	37.7

	FY 1994 ENACTED MINUS RESCISION		POWER REACTOR		INCLUDED IN SURCHARGE		INCLUDED IN HOURLY RATE	
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE
PROGRAM SUMMARY								
==========								
PROGRAM SUPPORT:								
Direct Resources	78,074	111.3	77,374	111.2	700	0.1	0	0.0
Overhead	0	63.7	0	0.0	0	0.0	0	63.7
PROGRAM SUPPORT/FTE TOTAL	$78,074	175.0	$77,374	111.2	$700	0.1	$0	63.7

REACTOR SAFETY RESEARCH
FY 1994-1998 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

Date Printed: 05/09/94
Data as of: 1/13/94/1550

(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
PROGRAM ELEMENT: Reactor Licensing Support		
ACTIVITY: Standard Reactor Designs		
SUBACTIVITIES:		
1. Engineering Issues for Advanced Reactor Designs	3,529	4.7
2. Systems Performance of Advanced Reactors	11,982	15.0
3. Advanced Reactor Risk Analysis	365	3.6
4. Advanced Reactor Safety Issues	100	2.0
5. Regulatory Application of New Source Terms	700	4.0
6. Overhead	0	17.7

REACTOR SAFETY RESEARCH
FY 1994-1998 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

Date Printed: 05/09/94
Data as of: 1/13/94/1530

(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
ACTIVITY TOTAL: Standard Reactor Designs		
PROGRAM SUPPORT/FTE	$16,676	47.0
TRAVEL	131	
SALARIES & BENEFITS*	3,777	
ACTIVITY TOTAL	$20,584	47.0

REACTOR SAFETY RESEARCH
FY 1994-1998 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

Date Printed: 05/09/94
Data as of: 1/13/94/1530

(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
ACTIVITY: Reactor Aging and License Renewal		
SUBACTIVITIES:		
1. Pressure Vessel Safety	9,730	3.6
2. Piping Integrity	2,599	1.0
3. Inspection Procedures and Techniques	2,619	0.8
4. US-CIS Cooperative Agreement	700	0.1
5. Aging of Reactor Components	4,279	3.7
6. Engineering Standards Support	2,193	3.3
7. Structural Integrity	850	0.2
8. License Renewal Regulatory Standards	303	1.0
9. Overhead	0	8.3

REACTOR SAFETY RESEARCH
FY 1994-1998 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
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Date Printed: 05/09/94
Data as of: 1/13/94/1530

(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
ACTIVITY TOTAL: Reactor Aging and License Renewal		
PROGRAM SUPPORT/FTE	$23,273	22.0
TRAVEL	168	
SALARIES & BENEFITS*	1,767	
ACTIVITY TOTAL	$25,208	22.0

REACTOR SAFETY RESEARCH
FY 1994-1998 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

Date Printed: 05/09/94
Data as of: 1/13/94/1530

(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
PROGRAM ELEMENT TOTAL: Reactor Licensing Support		
PROGRAM SUPPORT/FTE	$39,949	69.0
TRAVEL	299	
SALARIES & BENEFITS*	5,544	
PROGRAM ELEMENT TOTAL	$45,792	69.0

REACTOR SAFETY RESEARCH
FY 1994-1998 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

Date Printed: 05/09/94
Data as of: 1/13/94/1530

(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
PROGRAM ELEMENT: Reactor Regulation Support		
ACTIVITY: Plant Performance		
SUBACTIVITIES:		
1. Reactor Safety Experiments	780	1.6
2. Safety Code Development and Maintenance	2,368	1.6
3. Operating Reactor Assessments	25	1.0
4. Overhead	0	1.8
PROGRAM SUPPORT/FTE	$3,173	6.0
TRAVEL	30	
SALARIES & BENEFITS*	482	
ACTIVITY TOTAL	$3,685	6.0

REACTOR SAFETY RESEARCH
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DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

Date Printed: 05/09/94
Data as of: 1/13/94/1530

(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
ACTIVITY: Human Reliability		
SUBACTIVITIES:		
1. Personnel Performance	772	1.5
2. Human-System Interface	2,548	1.7
3. Data Acquisition and Management Systems	60	1.8
4. HRA/PRA Methods and Applications	1,048	2.0
5. Overhead	0	3.0
PROGRAM SUPPORT/FTE	$4,428	10.0
TRAVEL	60	
SALARIES & BENEFITS*	804	
ACTIVITY TOTAL	$5,292	10.0

REACTOR SAFETY RESEARCH
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DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

Date Printed: 05/09/94
Data as of: 1/13/94/1530

(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
ACTIVITY: Reactor Accident Analysis		
SUBACTIVITIES:		
1. Reactor Risk Analysis	6,782	7.5
2. Containment Performance	4,723	4.4
3. Severe Accident Phenomenology	4,982	3.3
4. Reactor Containment Structural Integrity	1,255	1.5
5. Severe Accident Implementation	2,542	10.0
6. Overhead	0	14.3
PROGRAM SUPPORT/FTE	$20,284	41.0
TRAVEL	180	
SALARIES & BENEFITS*	3,295	
ACTIVITY TOTAL	$23,759	41.0

REACTOR SAFETY RESEARCH
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DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

Date Printed: 05/09/94
Data as of: 1/13/94/1530

(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
ACTIVITY: Safety Issue Resolution and Regulatory Improvements		
SUBACTIVITIES:		
1. Earth Sciences	2,304	2.5
2. Plant Response to Seismic and Other External Events	620	2.1
3. Generic Safety Issue Resolution	1,730	14.0
4. Reactor Regulatory Standards	866	5.6
5. Reactor Radiation Protection and Health Effects	1,720	4.7
6. Research Educational Grants	1,218	0.0
7. Small Business Innovation Research	1,540	0.0
8. Information Technology	242	1.5
9. Overhead	0	18.6

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

Date Printed: 05/09/94
Data as of: 1/13/94/1530

(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
ACTIVITY TOTAL: Safety Issue Resolution and Regulatory Improvements		
PROGRAM SUPPORT/FTE	$10,240	49.0
TRAVEL	90	
SALARIES & BENEFITS*	3,937	
ACTIVITY TOTAL	$14,267	49.0

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Date Printed: 05/09/94
Data as of: 1/13/94/1530

(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
PROGRAM ELEMENT TOTAL: Reactor Regulation Support		
PROGRAM SUPPORT/FTE	$38,125	106.0
TRAVEL	360	
SALARIES & BENEFITS*	8,518	
PROGRAM ELEMENT TOTAL	$47,003	106.0

REACTOR SAFETY RESEARCH
FY 1994-1998 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

Date Printed: 05/09/94
Data as of: 1/13/94/1530

(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
PROGRAM SUMMARY		
PROGRAM SUPPORT:		
Direct Resources	78,074	111.3
Overhead	0	63.7
PROGRAM SUPPORT/FTE TOTAL	$78,074	175.0
TRAVEL:	$659	
SALARIES AND BENEFITS:	$14,062	
PROGRAM TOTAL	$92,795	175.0

Inflation Factor:

*Inflation factors for salaries and benefits estimates are based on Congressional enactment of payraises, wage-in-grade increases and promotions, and changes

	FY 1994 Enacted Minus Rescission		POWER REACTOR		NONPOWER REACTOR		FUEL FACILITY		SPENT FUE
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K
PROGRAM ELEMENT: Nuclear Materials									
ACTIVITY: Nuclear Materials Safety (NMSS)									
SUBACTIVITIES:									
1. Transportation and Spent Fuel Storage Licensing and Inspection									
NMSS	1,449	21.1							874
REGIONS	0	0.8							0
SUBACTIVITY TOTAL:	$1,449	21.9	$0	0.0	$0	0.0	$0	0.0	$874
2. Licensing and Inspection of Nuclear Material Users									
NMSS	965	24.7							
REGIONS	0	73.6							
SUBACTIVITY TOTAL:	$965	98.3	$0	0.0	$0	0.0	$0	0.0	$0
3. Event Evaluation									
NMSS	0	4.3					0	1.1	
REGIONS	0	10.6					0	2.7	
SUBACTIVITY TOTAL:	$0	14.9	$0	0.0	$0	0.0	$0	3.7	$0

	MATERIALS		TRANSPORTATION		URANIUM RECOVERY		REVIEWS FOR OTHER APPLICANTS		INCLUDED IN SURCHARGE		INCLUDED IN HOURLY RATE	
TE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE
.5			575	14.6								
.5			0	0.3								
.0	$0	0.0	$575	14.9	$0	0.0	$0	0.0	$0	0.0	$0	0.0
	869	22.2							97	2.5		
	0	66.2							0	7.4		
.0	$869	88.5	$0	0.0	$0	0.0	$0	0.0	$97	9.8	$0	0.0
	0	2.9							0	0.3		
	0	7.2							0	0.8		
.0	$0	10.1	$0	0.0	$0	0.0	$0	0.0	$0	1.1	$0	0.0

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	FY 1994 Enacted Minus Rescission		POWER REACTOR		NONPOWER REACTOR		FUEL FACILITY		SPENT FU
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K
4. Section Supervision									
NMSS	0	5.6						0.1	
REGIONS	0	11.0						0.3	
SUBACTIVITY TOTAL:	$0	16.6	$0	0.0	$0	0.0	$0	0.5	$0
5. Overhead									
NMSS	0	20.3							
REGIONS	0	19.0							
SUBACTIVITY TOTAL:	$0	39.3							
ACTIVITY TOTAL: Nuclear Materials Safety (NMSS)									
PROGRAM SUPPORT/FTE									
NMSS	$2,414	76.0	$0	0.0	$0	0.0	$0	1.2	$874
REGIONS	0	115.0	0	0.0	0	0.0	0	3.0	0
TOTAL	2,414	191.0	0	0.0	0	0.0	0	4.2	874

L	MATERIALS		TRANSPORTATION		URANIUM RECOVERY		REVIEWS FOR OTHER APPLICANTS		INCLUDED IN SURCHARGE		INCLUDED IN HOURLY RATE	
FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE
0.7		2.8		1.6		0.0		0.0		0.3		
0.1		9.5		0.0		0.0		0.0		1.1		
0.8	$0	12.3	$0	1.7	$0	0.0	$0	0.0	$0	1.4	$0	0.0
												20.3
												19.0
											$0	39.3
7.2	$869	27.9	$575	16.2	$0	0.0	$0	0.0	$97	3.1	0	20.3
0.6	0	82.9	0	0.3	0	0.0	0	0.0	0	9.2	0	19.0
7.8	869	110.8	575	16.6	0	0.0	0	0.0	97	12.3	0	39.3

	FY 1994 Enacted Minus Rescission		POWER REACTOR		NONPOWER REACTOR		FUEL FACILITY		SPENT FUE
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K
ACTIVITY: Nuclear Materials Research (RES)									
SUBACTIVITIES:									
1. Materials Licensee Performance	450	1.2							
2. Materials Regulatory Standards	1,495	12.2							
3. Materials Radiation Protection and Health Effects	1,575	5.3					315	1.1	
4. Uranium Enrichment	498	2.0							
5. Overhead	0	8.3							
PROGRAM SUPPORT/FTE	$4,018	29.0	$0	0.0	$0	0.0	$315	1.1	$0

	MATERIALS		TRANSPORTATION		URANIUM RECOVERY		REVIEWS FOR OTHER APPLICANTS		INCLUDED IN SURCHARGE		INCLUDED IN HOURLY RATE	
TE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE
	405	1.1							45	0.1		
	1346	11.0							150	1.2		
	1134	3.8							126	0.4		
							498	2.0				
											0	8.3
0	$2,885	15.9	$0	0.0	$0	0.0	$498	2.0	$321	1.8	$0	8.3

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	FY 1994 Enacted Minus Rescission		POWER REACTOR		NONPOWER REACTOR		FUEL FACILITY		SPENT FUE
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K
ACTIVITY: Fuel Cycle Safety and Safeguards (NMSS)									
SUBACTIVITIES:									
1. Fuel Cycle Licensing and Inspection									
NMSS	871	26.6		0.1			666	23.7	
REGIONS	0	13.1					0	12.6	
SUBACTIVITY TOTAL:	$871	39.7	$0	0.1	$0	0.0	$666	36.3	$0
2. Uranium Enrichment Licensing and Inspection									
NMSS	461	8.0							
REGIONS	0	4.0							
SUBACTIVITY TOTAL:	$461	12.0							
3. Fuel Cycle Program Assessment									
NMSS	2,329	13.9	533	2.3			1,719	11.3	
REGIONS	0	2.5					0	2.5	
SUBACTIVITY TOTAL:	$2,329	16.4	$533	2.3	$0	0.0	$1,719	13.8	$0
4. International Safeguards	0	7.2							
5. Information Technology-NMMSS	1,100	0.0	960		2		33		4
6. Information Technology	22	1.0	1	0.0	0	0.0	14	0.6	0

	MATERIALS		TRANSPORTATION		URANIUM RECOVERY		REVIEWS FOR OTHER APPLICANTS		INCLUDED IN SURCHARGE		INCLUDED IN HOURLY RATE	
TE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE
						2.7			205	0.1		
				0.5								
0	$0	0.0	$0	0.5	$0	2.7	$0	0.0	$205	0.1		
							461	7.8		0.2		
							0	4.0				
							$461	11.8				
			76	0.3								
0	$0	0.0	$76	0.3	$0	0.0	$0	0.0	$0	0.0	$0	0.0
							0	1.3	0	5.9		
	89		13									
0	0	0.0	0	0.0	1	0.0	4	0.2	2	0.1		

	FY 1994 Enacted Minus Rescission		POWER REACTOR		NONPOWER REACTOR		FUEL FACILITY		SPENT FU
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K
7. Section Supervision									
NMSS	0	7.1		0.3		0.0		4.5	
REGIONS	0	2.4		0.0		0.0		1.8	
SUBACTIVITY TOTAL:	$0	9.5		0.3		0.0		6.3	
8. Overhead									
NMSS	0	23.2							
REGIONS	0	4.0							
SUBACTIVITY TOTAL:	$0	27.2							
ACTIVITY TOTAL: Fuel Cycle Safety and Safeguards (NMSS)									
PROGRAM SUPPORT/FTE									
NMSS	$4,783	87.0	$1,494	2.8	$2	0.0	$2,432	40.0	$4
REGIONS	0	26.0	0	0.0	0	0.0	0	16.9	0
TOTAL	4,783	113.0	1,494	2.8	2	0.0	2,432	57.0	4

	MATERIALS		TRANSPORTATION		URANIUM RECOVERY		REVIEWS FOR OTHER APPLICANTS		INCLUDED IN SURCHARGE		INCLUDED IN HOURLY RATE	
TE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE
0		0.0		0.0		0.3		1.2		0.8		
0		0.0		0.1		0.0		0.5		0.0		
0		0.0		0.1		0.3		1.6		0.8		
											0	23.2
											0	4.0
											$0	27.2
	$89	0.0	$90	0.4	$1	3.1	$465	10.4	$207	7.1	$0	23.2
	0	0.0	0	0.6	0	0.0	0	4.5	0	0.0	0	4.0
	89	0.0	90	0.9	1	3.1	465	14.9	207	7.1	0	27.2

	FY 1994 Enacted Minus Rescission		POWER REACTOR		NONPOWER REACTOR		FUEL FACILITY		SPENT FU
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K
PROGRAM ELEMENT TOTAL: Nuclear Materials									
PROGRAM SUPPORT/FTE									
NMSS	7,197	163.0	1,494	2.8	2	0.0	2,432	41.2	878
REGIONS	0	141.0	0	0.0	0	0.0	0	19.9	0
SUBTOTAL/NMSS	$7,197	304.0	$1,494	2.8	$2	0.0	$2,432	61.2	$878
RES	4,018	29.0	0	0.0	0	0.0	315	1.1	0
TOTAL	$11,215	333.0	$1,494	2.8	$2	0.0	$2,747	62.2	$878

	MATERIALS		TRANSPORTATION		URANIUM RECOVERY		REVIEWS FOR OTHER APPLICANTS		INCLUDED IN SURCHARGE		INCLUDED IN HOURLY RATE	
FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE
.2	958	27.9	665	16.6	1	3.1	465	10.4	304	10.2	0	43.5
.6	0	82.9	0	0.9	0	0.0	0	4.5	0	9.2	0	23.0
.8	$958	110.8	$665	17.5	$1	3.1	$465	14.9	$304	19.4	$0	66.5
.0	2,885	15.9	0	0.0	0	0.0	498	2.0	321	1.8	0	8.3
.8	$3,842	126.7	$665	17.5	$1	3.1	$963	16.9	$624	21.2	$0	74.8

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	FY 1994 Enacted Minus Rescission		POWER REACTOR		NONPOWER REACTOR		FUEL FACILITY		SPENT FUE
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K
PROGRAM ELEMENT: Low-Level Waste									
ACTIVITY: Low-Level Waste Disposal (NMSS)									
SUBACTIVITIES:									
1. Low-Level Waste Regulation and Guidance Development	521	6.7							
2. Low-Level Waste Facility Licensing and Inspection									
NMSS	71	4.2		0					
REGIONS	0	1.4		1.2					
SUBACTIVITY TOTAL:	$71	5.6	$0	1.2	$0	0.0	$0	0.0	$0
3. Section Supervision									
NMSS	0	1.8		0.0		0.0		0.0	
REGIONS	0	0.2		0.2		0.0		0.0	
SUBACTIVITY TOTAL:	$0	2.0		0.2		0.0		0.0	
4. Overhead									
NMSS	0	10.3							
REGIONS	0	0.4							
SUBACTIVITY TOTAL:	$0	10.7							

MATERIALS		TRANSPORTATION		URANIUM RECOVERY		REVIEWS FOR OTHER APPLICANTS		INCLUDED IN SURCHARGE		INCLUDED IN HOURLY RATE	
$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE
								521	6.7		
71	1.8					0	2.4				
	0.2					0	0.0				
$71	2.0	$0	0.0	$0	0.0	$0	2.4	$0	0.0		
	0.3		0.0		0.0		0.4		1.1		
	0.0		0.0		0.0		0.0		0.0		
	0.3		0.0		0.0		0.4		1.1		
										0	10.3
										0	0.4
										$0	10.7

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	FY 1994 Enacted Minus Rescission		POWER REACTOR		NONPOWER REACTOR		FUEL FACILITY		SPENT FUE
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K
ACTIVITY TOTAL: Low-Level Waste Disposal (NMSS)									
PROGRAM SUPPORT/FTE									
NMSS	$592	23.0	$0	0.0	$0	0.0	$0	0.0	$0
REGIONS	0	2.0	0	1.4	0	0.0	0	0.0	0
TOTAL	592	25.0	0	1.4	0	0.0	0	0.0	0

L	MATERIALS		TRANSPORTATION		URANIUM RECOVERY		REVIEWS FOR OTHER APPLICANTS		INCLUDED IN SURCHARGE		INCLUDED IN HOURLY RATE	
FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE
0.0	$71	2.1	$0	0.0	$0	0.0	$0	2.8	$521	7.8	$0	10.3
0.0	0	0.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.4
0.0	71	2.3	0	0.0	0	0.0	0	2.8	521	7.8	0	10.7

	FY 1994 Enacted Minus Rescission		POWER REACTOR		NONPOWER REACTOR		FUEL FACILITY		SPENT FUE
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K
ACTIVITY: Low-Level Waste Research (RES)									
SUBACTIVITIES:									
1. Materials and Engineering	1,375	1.6							
2. Hydrology and Geochemistry	1,398	1.8							
3. Compliance Assessment and Modeling	1,335	1.0							
4. Low-Level Waste Regulatory Standards	0	0.6							
5. Environmental Policy and Decommissioning	2,410	9.0	964	3.6			241	0.9	
6. Overhead	0	8.0							
PROGRAM SUPPORT/FTE	$6,518	22.0	$964	3.6	$0	0.0	$241	0.9	$0

L	MATERIALS		TRANSPORTATION		URANIUM RECOVERY		REVIEWS FOR OTHER APPLICANTS		INCLUDED IN SURCHARGE		INCLUDED IN HOURLY RATE	
FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE
									1375	1.6		
									1398	1.8		
									1335	1.0		
									0	0.6		
	1085	4.1							121	0.5		
											0	8.0
0.0	$1,085	4.1	$0	0.0	$0	0.0	$0	0.0	$4,229	5.5	$0	8.0

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	FY 1994 Enacted Minus Rescission		POWER REACTOR		NONPOWER REACTOR		FUEL FACILITY		SPENT FUE
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K
ACTIVITY: Uranium Recovery (NMSS)									
SUBACTIVITIES:									
1. Uranium Recovery Licensing and Inspection									
NMSS	250	2.0	21	0.0			3	0.0	
REGIONS	0	5.6							
SUBACTIVITY TOTAL:	$250	7.6	$21	0.0	$0	0.0	$3	0.0	$0
2. Review of DOE UMTRCA Actions									
NMSS	15	5.8							
REGIONS	0	0.0							
SUBACTIVITY TOTAL:	$15	5.8							
3. Section Supervision									
NMSS	0	1.0		0.0		0.0		0.0	
REGIONS	0	0.0		0.0		0.0		0.0	
SUBACTIVITY TOTAL:	$0	1.0		0.0		0.0		0.0	
4. Overhead									
NMSS	0	3.2							
REGIONS	0	0.4							
SUBACTIVITY TOTAL:	$0	3.6							

L	MATERIALS		TRANSPORTATION		URANIUM RECOVERY		REVIEWS FOR OTHER APPLICANTS		INCLUDED IN SURCHARGE		INCLUDED IN HOURLY RATE	
FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE
					226	2.0						
					0	5.6						
0.0	$0	0.0	$0	0.0	$226	7.6	$0	0.0	$0	0.0	$0	0.0
					15	5.8						
					0	0.0						
					$15	5.8						
0.0		0.0		0.0		1.0		0.0		0.0		
0.0		0.0		0.0		0.0		0.0		0.0		
0.0		0.0		0.0		1.0		0.0		0.0		
											0	3.2
											0	0.4
											$0	3.6

	FY 1994 Enacted Minus Rescission		POWER REACTOR		NONPOWER REACTOR		FUEL FACILITY		SPENT FUE
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K
ACTIVITY TOTAL: Uranium Recovery (NMSS)									
PROGRAM SUPPORT/FTE									
NMSS	$265	12.0	$21	0.0	$0	0.0	$3	0.0	$0
REGIONS	0	6.0	0	0.0	0	0.0	0	0.0	0
TOTAL	265	18.0	21	0.0	0	0.0	3	0.0	0

MATERIALS		TRANSPORTATION		URANIUM RECOVERY		REVIEWS FOR OTHER APPLICANTS		INCLUDED IN SURCHARGE		INCLUDED IN HOURLY RATE	
$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE
$0	0.0	$0	0.0	$241	8.8	$0	0.0	$0	0.0	$0	3.2
0	0.0	0	0.0	0	5.6	0	0.0	0	0.0	0	0.4
0	0.0	0	0.0	241	14.4	0	0.0	0	0.0	0	3.6

	FY 1994 Enacted Minus Rescission		POWER REACTOR		NONPOWER REACTOR		FUEL FACILITY		SPENT FUE
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K
ACTIVITY: Decommissioning (NMSS)									
SUBACTIVITIES:									
1. Power Reactor Decommissioning									
NMSS	0	4.1	0	4.0		0.0			
REGIONS	0	2.0	0	2.0					
SUBACTIVITY TOTAL:	$0	6.1	$0	6.0	$0	0.0	$0	0.0	$0
2. Material and Fuel Facility Decommissioning									
NMSS	527	14.9		0.1			91	7.8	
REGIONS	0	6.9					0	1.7	
SUBACTIVITY TOTAL:	$527	21.8	$0	0.1	$0	0.0	$91	9.5	$0
3. Radiological Surveys	1644	0.0					200	0.0	
4. Information Technology	44	0.0	9				18		
5. Section Supervision									
NMSS	0	2.0		0.4				0.8	
REGIONS	0	0.9		0.2				0.2	
SUBACTIVITY TOTAL:	$0	2.9	$0	0.6	$0	0.0	$0	1.0	$0
6. Overhead									
NMSS	0	6.0							
REGIONS	0	2.2							
SUBACTIVITY TOTAL:	$0	8.2							

L	MATERIALS		TRANSPORTATION		URANIUM RECOVERY		REVIEWS FOR OTHER APPLICANTS		INCLUDED IN SURCHARGE		INCLUDED IN HOURLY RATE	
FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE
										0.1		
0.0	$0	0.0	$0	0.0	$0	0.0	$0	0.0	$0	0.1	$0	0.0
	393	6.2							44	0.8		
	0	4.7							0	0.5		
0.0	$393	10.9	$0	0.0	$0	0.0	$0	0.0	$44	1.3	$0	0.0
	1300	0.0							144	0.0		
	14								2			
		0.7								0.1		
		0.5								0.1		
0.0	$0	1.1	$0	0.0	$0	0.0	$0	0.0	$0	0.1	$0	0.0
											0	6.0
											0	2.2
											$0	8.2

	FY 1994 Enacted Minus Rescission		POWER REACTOR		NONPOWER REACTOR		FUEL FACILITY		SPENT FUE
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K
ACTIVITY TOTAL: Decommissioning (NMSS)									
PROGRAM SUPPORT/FTE									
NMSS	$2,215	27.0	$9	4.5	$0	0.0	$309	8.6	$0
REGIONS	0	12.0	0	2.2	0	0.0	0	1.9	0
TOTAL	2,215	39.0	9	6.7	0	0.0	309	10.5	0

UDGET AUTHORITY FOR FEES 20-Apr-94

L	MATERIALS		TRANSPORTATION		URANIUM RECOVERY		REVIEWS FOR OTHER APPLICANTS		INCLUDED IN SURCHARGE		INCLUDED IN HOURLY RATE	
FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE
0.0	$1,707	6.9	$0	0.0	$0	0.0	$0	0.0	$190	1.0	$0	6.0
0.0	0	5.1	0	0.0	0	0.0	0	0.0	0	0.6	0	2.2
0.0	1,707	12.0	0	0.0	0	0.0	0	0.0	190	1.5	0	8.2

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	FY 1994 Enacted Minus Rescission		POWER REACTOR		NONPOWER REACTOR		FUEL FACILITY		SPENT FUE
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K
PROGRAM ELEMENT TOTAL: Low-Level Waste									
PROGRAM SUPPORT/FTE									
NMSS	3,072	62.0	30	4.5	0	0.0	312	8.6	0
REGIONS	0	20.0	0	3.6	0	0.0	0	1.9	0
SUBTOTAL/NMSS	$3,072	82.0	$30	8.1	$0	0.0	$312	10.5	$0
RES	6,518	22.0	964	3.6	0	0.0	241	0.9	0
TOTAL	$9,590	104.0	$994	11.7	$0	0.0	$553	11.4	$0

L	MATERIALS		TRANSPORTATION		URANIUM RECOVERY		REVIEWS FOR OTHER APPLICANTS		INCLUDED IN SURCHARGE		INCLUDED IN HOURLY RATE	
FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE
0.0	1,778	9.0	0	0.0	241	8.8	0	2.8	711	8.8	0	19.5
0.0	0	5.4	0	0.0	0	5.6	0	0.0	0	0.6	0	3.0
0.0	$1,778	14.4	$0	0.0	$241	14.4	$0	2.8	$711	9.3	$0	22.5
0.0	1,085	4.1	0	0.0	0	0.0	0	0.0	4,229	5.5	0	8.0
0.0	$2,862	18.4	$0	0.0	$241	14.4	$0	2.8	$4,940	14.8	$0	30.5

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	FY 1994 Enacted Minus Rescission		POWER REACTOR		NONPOWER REACTOR		FUEL FACILITY		SPENT FUE
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K
PROGRAM ELEMENT: Materials Special and Independent Reviews, Investigations, and Enforcement									
ACTIVITY: Analysis and Evaluation of Operational Data (AEOD)									
SUBACTIVITIES:									
1. Incident Investigation									
AEOD	26	1.0							
REGIONS	0	0.0							
SUBACTIVITY TOTAL:	$26	1.0	$0	0.0	$0	0.0	$0	0.0	$0
2. Incident Response									
AEOD	0	3.0							
REGIONS	0	0.0					0	1.0	
SUBACTIVITY TOTAL:	$0	3.0	$0	0.0	$0	0.0	$0	1.0	$0
3. Non-Reactor Training	356	2.0							
4. Non-Reactor Oper. Data Analysis, Collection, and Dissemination	0	2.0							
5. Information Technology	160	0.0							
6. Overhead (AEOD)	0	0.0							

(FILE:NMLL94.WK3)

ET AUTHORITY FOR FEES

	MATERIALS		TRANSPORTATION		URANIUM RECOVERY		REVIEWS FOR OTHER APPLICANTS		INCLUDED IN SURCHARGE		INCLUDED IN HOURLY RATE	
E	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE
									3	0.1		
	23	0.9							0	0		
	0	0										
0.0	$23	0.9	$0	0.0	$0	0.0	$0	0.0	$3	0.1	$0	0.0
									0	0.2		
	0	1.8							0	0.0		
	0	0.0										
0.0	$0	1.8	$0	0.0	$0	0.0	$0	0.0	$0	0.2	$0	0.0
											356	2.0
									0	0.2		
	0	1.8										
									16	0.0		
	144	0.0										
											0	0.0

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	FY 1994 Enacted Minus Rescission		POWER REACTOR		NONPOWER REACTOR		FUEL FACILITY		SPENT FUE
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K
ACTIVITY TOTAL: Analysis and Evaluation of Operational Data (AEOD)									
PROGRAM SUPPORT/FTE									
AEOD	$542	8.0	$0	0.0	$0	0.0	$0	1.0	$0
REGIONS	0	0.0	0	0.0	0	0.0	0	0.0	0
TOTAL	542	8.0	0	0.0	0	0.0	0	1.0	0

L	MATERIALS		TRANSPORTATION		URANIUM RECOVERY		REVIEWS FOR OTHER APPLICANTS		INCLUDED IN SURCHARGE		INCLUDED IN HOURLY RATE	
FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE
0.0	$167	4.5	$0	0.0	$0	0.0	$0	0.0	$19	0.5	$356	2.0
0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
0.0	167	4.5	0	0.0	0	0.0	0	0.0	19	0.5	356	2.0

	FY 1994 Enacted Minus Rescission		POWER REACTOR		NONPOWER REACTOR		FUEL FACILITY		SPENT FU
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K
ACTIVITY: Atomic Safety and Licensing Board Panel Non-Reactor Operations (ASLBP)									
SUBACTIVITIES:									
1. Administrative Judges	0	0.5							
2. Administrative Support	0	0.5							
PROGRAM SUPPORT/FTE	$0	1.0							
ACTIVITY: Advisory Committee on Nuclear Waste Non-Reactor Operations (ACNW)									
PROGRAM SUPPORT/FTE	$83	2.0							
ACTIVITY: External Investigations Non-Reactor Operations (OI)									
PROGRAM SUPPORT/FTE	$0	13.0							
ACTIVITY: Enforcement Non-Reactor Operations (OE)									
Programmatic Activities									
OE	$10	5.0						0.4	
Regions	0	4.0						0.8	
PROGRAM SUPPORT/FTE	10	9.0	0	0.0	0	0.0	0	1.2	0

L	MATERIALS		TRANSPORTATION		URANIUM RECOVERY		REVIEWS FOR OTHER APPLICANTS		INCLUDED IN SURCHARGE		INCLUDED IN HOURLY RATE	
FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE
											0	0.5
											0	0.5
											$0	1.0
									83	1.0		1.0
	0	6.3							0	0.7		6.0
	9	2.2							1	0.2		2.2
	0	2.9							0	0.3		
.0	9	5.0	0	0.0	0	0.0	0	0.0	1	0.6	0	2.2

	FY 1994 Enacted Minus Rescission		POWER REACTOR		NONPOWER REACTOR		FUEL FACILITY		SPENT FU
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K
PROGRAM ELEMENT TOTAL: Materials Special and Independent Reviews, Investigations, and Enforcement									
PROGRAM SUPPORT/FTE									
Headquarters	$635	29.0	$0	0.0	$0	0.0	$0	1.4	$0
Regions	0	4.0	0	0.0	0	0.0	0	0.8	0
TOTAL	635	33.0	0	0.0	0	0.0	0	2.2	0

L	MATERIALS		TRANSPORTATION		URANIUM RECOVERY		REVIEWS FOR OTHER APPLICANTS		INCLUDED IN SURCHARGE		INCLUDED IN HOURLY RATE	
FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE
0.0	$176	13.0	$0	0.0	$0	0.0	$0	0.0	$103	2.4	$356	12.2
0.0	0	2.9	0	0.0	0	0.0	0	0.0	0	0.3	0	0.0
0.0	176	15.8	0	0.0	0	0.0	0	0.0	103	2.8	356	12.2

	FY 1994 Enacted Minus Rescission		POWER REACTOR		NONPOWER REACTOR		FUEL FACILITY		SPENT FU
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K
PROGRAM SUMMARY:									
Direct Resources									
NMSS	10,269	162.0	1,524	7.3	2	0.0	2,744	49.9	878
RES	10,536	34.7	964	3.6	0	0.0	556	2.0	0
AEOD	542	8.0	0	0.0	0	0.0	0	1.0	0
ASLBP	0	1.0	0	0.0	0	0.0	0	0.0	0
ACNW	83	2.0	0	0.0	0	0.0	0	0.0	0
OI	0	13.0	0	0.0	0	0.0	0	0.0	0
OE	10	5.0	0	0.0	0	0.0	0	0.4	0
Regions									
NMSS	0	135.0	0	3.6	0	0.0	0	21.8	0
AEOD	0	0.0	0	0.0	0	0.0	0	0.0	0
OE	0	4.0	0	0.0	0	0.0	0	0.8	0
Overhead									
Headquarters									
NMSS	0	63.0	0	0.0	0	0.0	0	0.0	0
RES	0	16.3	0	0.0	0	0.0	0	0.0	0
AEOD	0	0.0	0	0.0	0	0.0	0	0.0	0
Regions									
NMSS	0	26.0	0	0.0	0	0.0	0	0.0	0

L	MATERIALS		TRANSPORTATION		URANIUM RECOVERY		REVIEWS FOR OTHER APPLICANTS		INCLUDED IN SURCHARGE		INCLUDED IN HOURLY RATE	
FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE
7.2	2,735	36.9	665	16.6	242	11.8	465	13.2	1,015	19.0	0	0.0
0.0	3,969	19.9	0	0.0	0	0.0	498	2.0	4,549	7.2	0	0.0
0.0	167	4.5	0	0.0	0	0.0	0	0.0	19	0.5	356	2.0
0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	1.0
0.0	0	0.0	0	0.0	0	0.0	0	0.0	83	1.0	0	1.0
0.0	0	6.3	0	0.0	0	0.0	0	0.0	0	0.7	0	6.0
0.0	9	2.2	0	0.0	0	0.0	0	0.0	1	0.2	0	2.2
0.6	0	88.3	0	0.9	0	5.6	0	4.5	0	9.8	0	0.0
0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
0.0	0	2.9	0	0.0	0	0.0	0	0.0	0	0.3	0	0.0
0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	63.0
0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	16.3
0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	26.0

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	FY 1994 Enacted Minus Rescission		POWER REACTOR		NONPOWER REACTOR		FUEL FACILITY		SPENT FUE
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K
TOTAL									
Headquarters									
NMSS	10,269	225.0	1,524	7.3	2	0.0	2,744	49.9	878
RES	10,536	51.0	964	3.6	0	0.0	556	2.0	0
AEOD	542	8.0	0	0.0	0	0.0	0	1.0	0
ASLBP	0	1.0	0	0.0	0	0.0	0	0.0	0
ACNW	83	2.0	0	0.0	0	0.0	0	0.0	0
OI	0	13.0	0	0.0	0	0.0	0	0.0	0
OE	10	5.0	0	0.0	0	0.0	0	0.4	0
TOTAL	$21,440	305.0	$2,488	10.9	$2	0.0	$3,300	53.2	$878
Regions									
NMSS	0	161.0	0	3.6	0	0.0	0	21.8	0
AEOD	0	0.0	0	0.0	0	0.0	0	0.0	0
OE	0	4.0	0	0.0	0	0.0	0	0.8	0
TOTAL	$0	165.0	$0	3.6	$0	0.0	$0	22.6	$0
TOTAL									
Headquarters	21,440	305.0	2,488	10.9	2	0.0	3,300	53.2	878
Regions	0	165.0	0	3.6	0	0.0	0	22.6	0
PROGRAM SUPPORT TOTAL	$21,440	470.0	$2,488	14.5	$2	0.0	$3,300	75.9	$878

L	MATERIALS		TRANSPORTATION		URANIUM RECOVERY		REVIEWS FOR OTHER APPLICANTS		INCLUDED IN SURCHARGE		INCLUDED IN HOURLY RATE	
FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE
7.2	2,735	36.9	665	16.6	242	11.8	465	13.2	1,015	19.0	0	63.0
0.0	3,969	19.9	0	0.0	0	0.0	498	2.0	4,549	7.2	0	16.3
0.0	167	4.5	0	0.0	0	0.0	0	0.0	19	0.5	356	2.0
0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	1.0
0.0	0	0.0	0	0.0	0	0.0	0	0.0	83	1.0	0	1.0
0.0	0	6.3	0	0.0	0	0.0	0	0.0	0	0.7	0	6.0
0.0	9	2.2	0	0.0	0	0.0	0	0.0	1	0.2	0	2.2
7.2	$6,881	69.8	$665	16.6	$242	11.8	$963	15.2	$5,667	28.6	$356	91.5
0.6	0	88.3	0	0.9	0	5.6	0	4.5	0	9.8	0	26.0
0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
0.0	0	2.9	0	0.0	0	0.0	0	0.0	0	0.3	0	0.0
0.6	$0	91.1	$0	0.9	$0	5.6	$0	4.5	$0	10.1	$0	26.0
7.2	6,881	69.8	665	16.6	242	11.8	963	15.2	5,667	28.6	356	91.5
0.6	0	91.1	0	0.9	0	5.6	0	4.5	0	10.1	0	26.0
7.8	$6,881	161.0	$665	17.5	$242	17.4	$963	19.7	$5,667	38.7	$356	117.5

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

7/29/98 3:30 pm

FACSIMILE COVER SHEET

OFFICE OF CONTROLLER

Verification Number: 492-4750

Fax Number: 492-4934

TO: Lloyd Donnelly RES
(Name)

443-7804
(Fax Number)

(Organization)

(Name)

(Fax Number)

(Organization)

(Name)

(Name) (Fax Number)

(Organization)

FROM: Jesse Funches 492-7351

(Name) (Extension)

(Organization)

NOTE: Please review the cost allocations for Nuclear Materials (pages 3) and Low-Level Waste Research (pages 4) ASAP and call me

4/26/94 Lloyd Donnelly calls me and says cost allocations are OK
C J Stallmeyer

COVER + _____ PAGES

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	FY 1994 Enacted Minus Rescission		POWER REACTOR		NONPOWER REACTOR		FUEL FACILITY		SPENT
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K
ACTIVITY: Nuclear Materials Research (RES)									
SUBACTIVITIES:									
1. Materials Licensee Performance	450	1.2							
2. Materials Regulatory Standards	1,495	12.2							
3. Materials Radiation Protection and Health Effects	1,575	5.3					315	1.1	
4. Uranium Enrichment	498	2.0							
5. Overhead	0	8.3							
PROGRAM SUPPORT/FTE	$4,018	29.0	$0	0.0	$0	0.0	$315	1.1	$0

FUEL		MATERIALS		TRANSPORTATION		URANIUM RECOVERY		REVIEWS FOR OTHER APPLICANTS		INCLUDED IN SURCHARGE		INCLUDED IN HOURLY RATE	
	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE
		405	1.1							45	0.1		
		1346	11.0							150	1.2		
		1134	3.8							126	0.4		
								498	2.0				
												0	8.3
	0.0	$2,885	15.9	$0	0.0	$0	0.0	$498	2.0	$321	1.8	$0	8.3

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	FY 1994 Enacted Minus Rescission		POWER REACTOR		NONPOWER REACTOR		FUEL FACILITY		SPENT
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K
ACTIVITY: Low-Level Waste Research (RES)									
SUBACTIVITIES:									
1. Materials and Engineering	1,375	1.6							
2. Hydrology and Geochemistry	1,398	1.8							
3. Compliance Assessment and Modeling	1,335	1.0							
4. Low-Level Waste Regulatory Standards	0	0.6							
5. Environmental Policy and Decommissioning	2,410	9.0	964	3.6			241	0.9	
6. Overhead	0	8.0							
PROGRAM SUPPORT/FTE	$6,518	22.0	$964	3.6	$0	0.0	$241	0.9	$0

FUEL		MATERIALS		TRANSPORTATION		URANIUM RECOVERY		REVIEWS FOR OTHER APPLICANTS		INCLUDED IN SURCHARGE		INCLUDED IN HOURLY RATE	
	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE
										1375	1.6		
										1398	1.8		
										1335	1.0		
										0	0.6		
		1085	4.1							121	0.5		
												0	8.0
	0.0	$1,085	4.1	$0	0.0	$0	0.0	$0	0.0	$4,229	5.5	$0	8.0

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FY 1994-1998 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE

PROGRAM ELEMENT: Nuclear Materials

ACTIVITY: Nuclear Materials Safety (NMSS)

SUBACTIVITIES:

1. Transportation and Spent Fuel Storage Licensing and Inspection

NMSS	1,449	21.1
REGIONS	0	0.8
SUBACTIVITY TOTAL:	$1,449	21.9

2. Licensing and Inspection of Nuclear Material Users

NMSS	965	24.7
REGIONS	0	73.6
SUBACTIVITY TOTAL:	$965	98.3

3. Event Evaluation

NMSS	0	4.3
REGIONS	0	10.6
SUBACTIVITY TOTAL:	$0	14.9

FY 1994-1998 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
4. Section Supervision		
NMSS	0	5.6
REGIONS	0	11.0
SUBACTIVITY TOTAL:	$0	16.6
5. Overhead		
NMSS	0	20.3
REGIONS	0	19.0
SUBACTIVITY TOTAL:	$0	39.3

FY 1994-1998 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
ACTIVITY TOTAL: Nuclear Materials Safety (NMSS)		
PROGRAM SUPPORT/FTE		
NMSS	$2,414	76.0
REGIONS	0	115.0
TOTAL	2,414	191.0
TRAVEL		
NMSS	210	
REGIONS	1,076	
TOTAL	1,286	
SALARIES & BENEFITS*		
NMSS	6,106	
REGIONS	9,241	
TOTAL	15,347	
TOTAL		
NMSS	8,730	76.0
REGIONS	10,317	115.0
ACTIVITY TOTAL	$19,047	191.0

FY 1994-1998 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equilvalents)

(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
ACTIVITY: Nuclear Materials Research (RES)		
SUBACTIVITIES:		
1. Materials Licensee Performance	450	1.2
2. Materials Regulatory Standards	1,495	12.2
3. Materials Radiation Protection and Health Effects	1,575	5.3
4. Uranium Enrichment	498	2.0
5. Overhead	0	8.3
PROGRAM SUPPORT/FTE	$4,018	29.0
TRAVEL	50	
SALARIES & BENEFITS*	2,330	
ACTIVITY TOTAL	$6,398	29.0

FY 1994-1998 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

ACTIVITY: Fuel Cycle Safety and Safeguards (NMSS)

	FY 1994 Enacted Minus Proposed Rescission (Inflation factor) $	FTE
SUBACTIVITIES:		
1. Fuel Cycle Licensing and Inspection		
NMSS	871	26.6
REGIONS	0	13.1
SUBACTIVITY TOTAL:	$871	39.7
2. Uranium Enrichment Licensing and Inspection		
NMSS	461	8.0
REGIONS	0	4.0
SUBACTIVITY TOTAL:	$461	12.0
3. Fuel Cycle Program Assessment		
NMSS	2,329	13.9
REGIONS	0	2.5
SUBACTIVITY TOTAL:	$2,329	16.4
4. International Safeguards	0	7.2
5. Information Technology-NMMSS	1,100	0.0
6. Information Technology	22	1.0

FY 1994-1998 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
7. Section Supervision		
NMSS	0	7.1
REGIONS	0	2.4
SUBACTIVITY TOTAL:	$0	9.5
8. Overhead		
NMSS	0	23.2
REGIONS	0	4.0
SUBACTIVITY TOTAL:	$0	27.2

FY 1994-1998 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

ACTIVITY TOTAL: Fuel Cycle Safety and Safeguards (NMSS)

(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
PROGRAM SUPPORT/FTE		
NMSS	$4,783	87.0
REGIONS	0	26.0
TOTAL	4,783	113.0
TRAVEL		
NMSS	257	
REGIONS	133	
TOTAL	390	
SALARIES & BENEFITS*		
NMSS	6,991	
REGIONS	2,089	
TOTAL	9,080	
TOTAL		
NMSS	12,031	87.0
REGIONS	2,222	26.0
ACTIVITY TOTAL	$14,253	113.0

FY 1994-1998 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equilvalents)

PROGRAM ELEMENT TOTAL: Nuclear Materials

	FY 1994 Enacted Minus Proposed Rescission (Inflation factor) $	FTE
PROGRAM SUPPORT/FTE		
NMSS	7,197	163.0
REGIONS	0	141.0
SUBTOTAL/NMSS	$7,197	304.0
RES	4,018	29.0
TOTAL	$11,215	333.0
TRAVEL		
NMSS	467	
REGIONS	1,209	
SUBTOTAL/NMSS	$1,676	
RES	50	
TOTAL	$1,726	
SALARIES & BENEFITS*		
NMSS	13,097	
REGIONS	11,330	
SUBTOTAL/NMSS	$24,427	
RES	2,330	
TOTAL	$26,757	

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FY 1994-1998 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
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	(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
TOTAL			
NMSS		20,761	163.0
REGIONS		12,539	141.0
SUBTOTAL/NMSS		$33,300	304.0
RES		6,398	29.0
PROGRAM ELEMENT TOTAL		$39,698	333.0

FY 1994-1998 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equilvalents)

	FY 1994 Enacted Minus Proposed Rescission (Inflation factor) $	FTE
PROGRAM ELEMENT: Low-Level Waste		
ACTIVITY: Low-Level Waste Disposal (NMSS)		
SUBACTIVITIES:		
1. Low-Level Waste Regulation and Guidance Development	521	6.7
2. Low-Level Waste Facility Licensing and Inspection		
NMSS	71	4.2
REGIONS	0	1.4
SUBACTIVITY TOTAL:	$71	5.6
3. Section Supervision		
NMSS	0	1.8
REGIONS	0	0.2
SUBACTIVITY TOTAL:	$0	2.0
4. Overhead		
NMSS	0	10.3
REGIONS	0	0.4
SUBACTIVITY TOTAL:	$0	10.7

FY 1994-1998 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

	FY 1994 Enacted Minus Proposed Rescission	
(Inflation factor)	$	FTE
ACTIVITY TOTAL: Low-Level Waste Disposal (NMSS)		
PROGRAM SUPPORT/FTE		
NMSS	$592	23.0
REGIONS	0	2.0
TOTAL	592	25.0
TRAVEL		
NMSS	53	
REGIONS	40	
TOTAL	93	
SALARIES & BENEFITS*		
NMSS	1,848	
REGIONS	161	
TOTAL	2,009	
TOTAL		
NMSS	2,493	23.0
REGIONS	201	2.0
ACTIVITY TOTAL	$2,694	25.0

FY 1994-1998 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
ACTIVITY: Low-Level Waste Research (RES)		
SUBACTIVITIES:		
1. Materials and Engineering	1,375	1.6
2. Hydrology and Geochemistry	1,398	1.8
3. Compliance Assessment and Modeling	1,335	1.0
4. Low-Level Waste Regulatory Standards	0	0.6
5. Environmental Policy and Decommissioning	2,410	9.0
6. Overhead	0	8.0
PROGRAM SUPPORT/FTE	$6,518	22.0
TRAVEL	50	
SALARIES & BENEFITS*	1,768	
ACTIVITY TOTAL	$8,336	22.0

FY 1994-1998 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equilvalents)

ACTIVITY: Uranium Recovery (NMSS)

(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
SUBACTIVITIES:		
1. Uranium Recovery Licensing and Inspection		
NMSS	250	2.0
REGIONS	0	5.6
SUBACTIVITY TOTAL:	$250	7.6
2. Review of DOE UMTRCA Actions		
NMSS	15	5.8
REGIONS	0	0.0
SUBACTIVITY TOTAL:	$15	5.8
3. Section Supervision		
NMSS	0	1.0
REGIONS	0	0.0
SUBACTIVITY TOTAL:	$0	1.0
4. Overhead		
NMSS	0	3.2
REGIONS	0	0.4
SUBACTIVITY TOTAL:	$0	3.6

FY 1994-1998 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
ACTIVITY TOTAL: Uranium Recovery (NMSS)		
PROGRAM SUPPORT/FTE		
NMSS	$265	12.0
REGIONS	0	6.0
TOTAL	265	18.0
TRAVEL		
NMSS	37	
REGIONS	118	
TOTAL	155	
SALARIES & BENEFITS*		
NMSS	964	
REGIONS	482	
TOTAL	1,446	
TOTAL		
NMSS	1,266	12.0
REGIONS	600	6.0
ACTIVITY TOTAL	$1,866	18.0

FY 1994-1998 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

ACTIVITY: Decommissioning (NMSS)

SUBACTIVITIES:	FY 1994 Enacted Minus Proposed Rescission (Inflation factor) $	FTE
1. Power Reactor Decommissioning		
NMSS	0	4.1
REGIONS	0	2.0
SUBACTIVITY TOTAL:	$0	6.1
2. Material and Fuel Facility Decommissioning		
NMSS	527	14.9
REGIONS	0	6.9
SUBACTIVITY TOTAL:	$527	21.8
3. Radiological Surveys	1644	0.0
4. Information Technology	44	0.0
5. Section Supervision		
NMSS	0	2.0
REGIONS	0	0.9
SUBACTIVITY TOTAL:	$0	2.9
6. Overhead		
NMSS	0	6.0
REGIONS	0	2.2
SUBACTIVITY TOTAL:	$0	8.2

FY 1994-1998 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

	FY 1994 Enacted Minus Proposed Rescission	
(Inflation factor)	$	FTE
ACTIVITY TOTAL: Decommissioning (NMSS)		
PROGRAM SUPPORT/FTE		
NMSS	$2,215	27.0
REGIONS	0	12.0
TOTAL	2,215	39.0
TRAVEL		
NMSS	70	
REGIONS	77	
TOTAL	147	
SALARIES & BENEFITS*		
NMSS	2,170	
REGIONS	964	
TOTAL	3,134	
TOTAL		
NMSS	4,455	27.0
REGIONS	1,041	12.0
ACTIVITY TOTAL	$5,496	39.0

FY 1994-1998 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

PROGRAM ELEMENT TOTAL: Low-Level Waste

(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
PROGRAM SUPPORT/FTE		
NMSS	3,072	62.0
REGIONS	0	20.0
SUBTOTAL/NMSS	$3,072	82.0
RES	6,518	22.0
TOTAL	$9,590	104.0
TRAVEL		
NMSS	160	
REGIONS	235	
SUBTOTAL/NMSS	$395	
RES	50	
TOTAL	$445	
SALARIES & BENEFITS*		
NMSS	4,982	
REGIONS	1,607	
SUBTOTAL/NMSS	$6,589	
RES	1,768	
TOTAL	$8,357	

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FY 1994-1998 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equilvalents)

	(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
TOTAL			
NMSS		8,214	62.0
REGIONS		1,842	20.0
SUBTOTAL/NMSS		$10,056	82.0
RES		8,336	22.0
PROGRAM ELEMENT TOTAL		$18,392	104.0

FY 1994-1998 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

PROGRAM ELEMENT: Materials Special and Independent Reviews, Investigations, and Enforcement

ACTIVITY: Analysis and Evaluation of Operational Data (AEOD)

SUBACTIVITIES:

	FY 1994 Enacted Minus Proposed Rescission (Inflation factor) $	FTE
1. Incident Investigation		
AEOD	26	1.0
REGIONS	0	0.0
SUBACTIVITY TOTAL:	$26	1.0
2. Incident Response		
AEOD	0	3.0
REGIONS	0	0.0
SUBACTIVITY TOTAL:	$0	3.0
3. Non-Reactor Training	356	2.0
4. Non-Reactor Oper. Data Analysis, Collection, and Dissemination	0	2.0
5. Information Technology	160	0.0
6. Overhead (AEOD)	0	0.0

FY 1994-1998 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
ACTIVITY TOTAL: Analysis and Evaluation of Operational Data (AEOD)		
PROGRAM SUPPORT/FTE		
AEOD	$542	8.0
REGIONS	0	0.0
TOTAL	542	8.0
TRAVEL (AEOD)	25	
SALARIES & BENEFITS*		
AEOD	643	
REGIONS	0	
TOTAL	643	
TOTAL		
AEOD	1,210	8.0
REGIONS	0	0.0
ACTIVITY TOTAL	$1,210	8.0

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FY 1994-1998 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
ACTIVITY: Atomic Safety and Licensing Board Panel Non-Reactor Operations (ASLBP)		
SUBACTIVITIES:		
1. Administrative Judges	0	0.5
2. Administrative Support	0	0.5
PROGRAM SUPPORT/FTE	$0	1.0
TRAVEL	5	
SALARIES & BENEFITS*	80	
ACTIVITY TOTAL	$85	1.0

FY 1994-1998 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
ACTIVITY: Advisory Committee on Nuclear Waste Non-Reactor Operations (ACNW)		
PROGRAM SUPPORT/FTE	$83	2.0
TRAVEL	97	
SALARIES & BENEFITS*	161	
ACTIVITY TOTAL	$341	2.0

FY 1994-1998 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
ACTIVITY: External Investigations Non-Reactor Operations (OI)		
PROGRAM SUPPORT/FTE	$0	13.0
TRAVEL	97	
SALARIES & BENEFITS*	1,045	
ACTIVITY TOTAL	$1,142	13.0

FY 1994-1998 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

	FY 1994 Enacted Minus Proposed Rescission	
(Inflation factor)	$	FTE
ACTIVITY: Enforcement Non-Reactor Operations (OE)		
Programmatic Activities		
OE	$10	5.0
Regions	0	4.0
PROGRAM SUPPORT/FTE	10	9.0
TRAVEL	26	
SALARIES & BENEFITS*		
OE	402	
REGIONS	321	
TOTAL	723	
TOTAL		
OE	438	5.0
REGIONS	321	4.0
ACTIVITY TOTAL	$759	9.0

Date Printed: 05/09/94 | Data as of: 1/13/94/1534

FY 1994-1998 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
PROGRAM ELEMENT TOTAL: Materials Special and Independent Reviews, Investigations, and Enforcement		
PROGRAM SUPPORT/FTE		
Headquarters	$635	29.0
Regions	0	4.0
TOTAL	635	33.0
TRAVEL	250	
SALARIES & BENEFITS*		
Headquarters	2,331	
Regions	321	
TOTAL	2,652	
TOTAL		
Headquarters	3,216	29.0
Regions	321	4.0
PROGRAM ELEMENT TOTAL	$3,537	33.0

Date Printed: 05/09/94 | Data as of: 1/13/94/1534

FY 1994-1998 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

	FY 1994 Enacted Minus Proposed Rescission (Inflation factor) $	FTE
PROGRAM SUMMARY:		
Direct Resources		
NMSS	10,269	162.0
RES	10,536	34.7
AEOD	542	8.0
ASLBP	0	1.0
ACNW	83	2.0
OI	0	13.0
OE	10	5.0
Regions		
NMSS	0	135.0
AEOD	0	0.0
OE	0	4.0
Overhead		
Headquarters		
NMSS	0	63.0
RES	0	16.3
AEOD	0	0.0
Regions		
NMSS	0	26.0

FY 1994-1998 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
TOTAL		
Headquarters		
NMSS	10,269	225.0
RES	10,536	51.0
AEOD	542	8.0
ASLBP	0	1.0
ACNW	83	2.0
OI	0	13.0
OE	10	5.0
TOTAL	$21,440	305.0
Regions		
NMSS	0	161.0
AEOD	0	0.0
OE	0	4.0
TOTAL	$0	165.0
TOTAL		
Headquarters	21,440	305.0
Regions	0	165.0
PROGRAM SUPPORT TOTAL	$21,440	470.0

FY 1994-1998 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
TRAVEL:		
Headquarters		
NMSS	627	
RES	100	
AEOD	25	
ASLBP	5	
ACNW	97	
OI	97	
OE	26	
TOTAL	$977	
Regions/NMSS	$1,444	
TRAVEL TOTAL	$2,421	

Date Printed: 05/09/94 | Data as of: 1/13/94/1534

FY 1994-1998 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

	FY 1994 Enacted Minus Proposed Rescission	
(Inflation factor)	$	FTE
SALARIES AND BENEFITS*:		
Headquarters		
NMSS	18,079	
RES	4,098	
AEOD	643	
ASLBP	80	
ACNW	161	
OI	1,045	
OE	402	
TOTAL	$24,508	
Regions		
NMSS	12,937	
AEOD	0	
OE	321	
TOTAL	$13,258	
TOTAL		
Headquarters	24,508	
Regions	13,258	
SALARIES AND BENEFITS* TOTAL	$37,766	

Date Printed: 05/09/94 Data as of: 1/13/94/1534

FY 1994-1998 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

	FY 1994 Enacted Minus Proposed Rescission	
(Inflation factor)	$	FTE
PROGRAM TOTAL:		
Headquarters		
NMSS	28,975	225.0
RES	14,734	51.0
AEOD	1,210	8.0
ASLBP	85	1.0
ACNW	341	2.0
OI	1,142	13.0
OE	438	5.0
TOTAL	$46,925	305.0
Regions		
NMSS	14,381	161.0
AEOD	0	0.0
OE	321	4.0
TOTAL	$14,702	165.0
TOTAL		
Headquarters	46,925	305.0
Regions	14,702	165.0
PROGRAM TOTAL	$61,627	470.0

Inflation Factor

*Inflation factors for salaries and benefits estimates are based on Congressional enactment of payraises, wage-in-grade increases and promotions, and change

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

APR - 8 1994

MEMORANDUM FOR: Gina F. Thompson
Program Assistant
Office for Analysis and Evaluation
of Operational Data

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

SUBJECT: FY 1994 BUDGET -- 100 PERCENT FEE RECOVERY

This will confirm our recent meeting concerning the above subject.

With respect to AEOD, the following FY 1994 new budget authority has been identified for the major types of licensees (See Enclosure 1 for details):

	FTE	Program Support ($, K)
Power reactors	61.0	$7,615
Nonpower reactors	.1	---
Other - Surcharge	5.9	---
Overhead/G&A	46.0	4,260
	113.0	$11,875

Consistent with the approach taken in previous years, you indicated that the power reactor resources should be uniformly applied to all reactors. You also indicated that 1.0 FTE should be allocated to nonpower (test and research) reactors in the operational experience evaluation area. This allocation has been made. Please note that .9 FTE of the 1.0 FTE has been allocated and included in the surcharge because these resources are for research reactors located at nonprofit educational institutions and for certain Federally owned research reactors which are exempt from fees. The remaining 5.0 FTE identified in the surcharge area are those resources identified for international cooperation.

If you have any questions concerning the AEOD allocation please call me at 492-4301. Thank you for your assistance in this matter.

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

Enclosures:
As stated

ALLOCATION OF RSIRIE FY 1994 NEW BUDGET AUTHORITY FOR FEES 07-Apr-94

	FY 1994 ENACTED MINUS RESCISSION		POWER REACTORS		NONPOWER REACTOR		INCLUDED IN SURCHARGE		INCLUDED IN HOURLY RATE	
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE
PROGRAM ELEMENT: Analysis and Evaluation of Operational Data (AEOD)										
ACTIVITY: Diagnostic Evaluations (AEOD)										
SUBACTIVITIES										
1. Diagnostic Evaluations of Licensee Performance (Reactor)										
AEOD	288	5.0	288	5.0						
Regions	0	0.0	0	0.0						
SUBACTIVITY TOTAL:	$288	5.0	$288	5.0						
2. Information Technology	0	0.0								
3. Overhead (AEOD)	0	2.0							0	2.0
ACTIVITY TOTAL: Diagnostic Evaluations (AEOD)										
PROGRAM SUPPORT/FTE										
AEOD	$288	7.0	$288	5.0	$0	0.0	$0	0.0	$0	2.0
Regions	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
TOTAL	288	7.0	288	5.0	0	0.0	0	0.0	0	2.0

	FY 1994 ENACTED MINUS RESCISSION		POWER REACTORS		NONPOWER REACTOR		INCLUDED IN SURCHARGE		INCLUDED IN HOURLY RATE	
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE
ACTIVITY: Incident Investigation (AEOD)										
SUBACTIVITIES:										
1) Incident Investigation (Reactor)										
AEOD	26	1.0	26	1.0						
Regions	0	0.0	0	0.0						
SUBACTIVITY TOTAL:	$26	1.0	$26	1.0						
2) Information Technology	0	0.0								
3) Overhead (AEOD)	0	1.0							0	1.0
ACTIVITY TOTAL: Incident Investigation (AEOD)										
PROGRAM SUPPORT/FTE										
AEOD	$26	2.0	$26	1.0	$0	0.0	$0	0.0	$0	1.0
Regions	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
TOTAL	26	2.0	26	1.0	0	0.0	0	0.0	0	1.0

	FY 1994 ENACTED MINUS RESCISION		POWER REACTORS		NONPOWER REACTOR		INCLUDED IN SURCHARGE		INCLUDED IN HOURLY RATE	
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE
ACTIVITY: NRC Incident Response (AEOD)										
SUBACTIVITIES:										
1. NRC Incident Response (Reactor)										
AEOD	580	12.0	580	12.0						
Regions	0	9.0	0	9.0						
SUBACTIVITY TOTAL:	$580	21.0	$580	21.0						
2. Information Technology	1,274	3.0	1,274	3.0						
3. International Cooperation		2.0					0	2.0		
4. Overhead (AEOD)	0	5.0							0	5.0
ACTIVITY TOTAL: NRC Incident Response (AEOD)										
PROGRAM SUPPORT/FTE										
AEOD	$1,854	22.0	$1,854	15.0	$0	0.0	$0	2.0	$0	5.0
Regions	0	9.0	0	9.0	0	0.0	0	0.0	0	0.0
TOTAL	1,854	31.0	1,854	24.0	0	0.0	0	2.0	0	5.0

	FY 1994 ENACTED MINUS RESCISSION		POWER REACTORS		NONPOWER REACTOR		INCLUDED IN SURCHARGE		INCLUDED IN HOURLY RATE	
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE
ACTIVITY: Technical Training (AEOD)										
SUBACTIVITIES:										
1. Reactor Technology Training	1,037	15.0							1037	15
2. Reactor Technology Training	2,222	5.0							2222	5
Information Technology										
3. International Cooperation		3.0					0	3.0		
4. Administrative Support										
a. Transportation of Things	3								3	0
b. Comm., Util., & Misc. Chgs.	59								59	0
c. Rent	645								645	
d. Printing and Reproduction	28								28	
e. Other Facility Services	72								72	
f. Supplies and Materials	69								69	
g. Capital Equipment	0								0	
h. Information Technology	125								125	
SUBACTIVITY TOTAL:	$1,001								$1,001	
4. Overhead	0	7.0							0	7.0
ACTIVITY TOTAL: Technical Training (AEOD)										
PROGRAM SUPPORT/FTE	$3,259	30.0	$0	0.0	$0	0.0	$0	3.0	$3,259	27.0
ADMIN SUPPORT/FTE	1,001		0		0		0		1,001	
ACTIVITY TOTAL	$4,260	30.0	$0	0.0	$0	0.0	$0	3.0	$4,260	27.0

	FY 1994 ENACTED MINUS RESCISION		POWER REACTORS		NONPOWER REACTOR		INCLUDED IN SURCHARGE		INCLUDED IN HOURLY RATE	
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE
ACTIVITY: Operational Experience Evaluation (AEOD)										
SUBACTIVITIES:										
1. Reactor Operational Data Analysis, Collect., and Dissem.	1,306	26.0	1306	25.0		0.1		0.9		
2. Information Technology	4,141	4.0	4141	4.0						
3. Overhead	0	10.0							0	10.0
PROGRAM SUPPORT/FTE	$5,447	40.0	$5,447	29.0	$0	0.1	$0	0.9	$0	10.0
ACTIVITY: Committee to Review Generic Requirements										
SUBACTIVITIES:										
1. Committee to Review Generic Requirements (Reactor)	0	2.0	0	2						
2. Overhead	0	1.0							0	1.0
PROGRAM SUPPORT/FTE	$0	3.0	$0	2.0	$0	0.0	$0	0.0	$0	1.0

	FY 1994 ENACTED MINUS RESCISION		POWER REACTORS		NONPOPWER REACTOR		INCLUDED IN SURCHARGE		INCLUDED IN HOURLY RATE	
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE
PROGRAM ELEMENT TOTAL: Analysis and Evaluation of Operational Data (AEOD)										
PROGRAM SUPPORT/FTE										
AEOD	$10,874	104.0	$7,615	52.0	$0	0.1	$0	5.9	$3,259	46.0
Regions	0	9.0	0	9.0	0	0.0	0	0.0	0	0.0
TOTAL	10,874	113.0	7,615	61.0	0	0.1	0	5.9	3,259	46.0
ADMIN SUPPORT (AEOD)	1,001		0		0		0		1,001	
PROGRAM ELEMENT TOTAL	11875	113.0	7615	61.0	0	0.1	0	5.9	4260	46.0

	FY 1994 ENACTED MINUS RESCISION		POWER REACTORS		NONPOPWER REACTOR		INCLUDED IN SURCHARGE		INCLUDED IN HOURLY RATE	
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE
PROGRAM ELEMENT: Advisory Committee on Reactor Safeguards (ACRS)										
PROGRAM SUPPORT/FTE	$181	31.0	181	20.5						10.5
PROGRAM ELEMENT: Atomic Safety and Licensing Board Panel (ASLBP)										
ACTIVITY: Reactor Operations										
SUBACTIVITIES:										
1. Administrative Judges	0	13.5							0	13.5
2. Administrative Support	693	12.5							693	12.5
PROGRAM SUPPORT/FTE	$693	26.0	$0	0.0	$0	0.0	$0	0.0	$693	26.0
PROGRAM ELEMENT: External Investigations (OI)										
ACTIVITY: Reactor Operations										
SUBACTIVITIES:										
1. Investigations/Referrals	0	31.0	0	17.0						14.0
PROGRAM SUPPORT/FTE	$0	31.0	$0	17.0	$0	0.0	$0	0.0	$0	14.0
PROGRAM ELEMENT: Enforcement (OE)										
ACTIVITY: Reactor Operations (OE)										
PROGRAM SUPPORT/FTE										
OE	$10	6.0	10	3.1		0.0		0.1		2.8
Regions	0	4.0	0	3.9		0.0		0.1		
TOTAL	10	10.0	10	7.0	0	0.0	0	0.2	0	2.8

	FY 1994 ENACTED MINUS RESCISION		POWER REACTORS		NONPOPWER REACTOR		INCLUDED IN SURCHARGE		INCLUDED IN HOURLY RATE	
	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE	$,K	FTE
PROGRAM SUMMARY										
==========										
PROGRAM SUPPORT:										
Direct Resources										
AEOD	10,874	79.0	7,615	52.0	0	0.1	0	5.9	3,259	21.0
ACRS	181	31.0	181	20.5	0	0.0	0	0.0	0	10.5
ASLBP	693	26.0	0	0.0	0	0.0	0	0.0	693	26.0
OI	0	31.0	0	17.0	0	0.0	0	0.0	0	14.0
OE	10	6.0	10	3.1	0	0.0	0	0.1	0	2.8
Regions										
AEOD	0	9.0	0	9.0	0	0.0	0	0.0	0	0.0
OE	0	4.0	0	3.9	0	0.0	0	0.1	0	0.0
Overhead (AEOD)	0	25.0	0	0.0	0	0.0	0	0.0	0	25.0
TOTAL										
Headquarters										
AEOD	10,874	104.0	7,615	52.0	0	0.1	0	5.9	3,259	46.0
ACRS	181	31.0	181	20.5	0	0.0	0	0.0	0	10.5
ASLBP	693	26.0	0	0.0	0	0.0	0	0.0	693	26.0
OI	0	31.0	0	17.0	0	0.0	0	0.0	0	14.0
OE	10	6.0	10	3.1	0	0.0	0	0.1	0	2.8
TOTAL	$11,758	198.0	$7,806	92.6	$0	0.1	$0	6.0	$3,952	99.3
Regions										
AEOD	0	9.0	0	9.0	0	0.0	0	0.0	0	0.0
OE	0	4.0	0	3.9	0	0.0	0	0.1	0	0.0
TOTAL	$0	13.0	$0	12.9	$0	0.0	$0	0.1	$0	0.0
TOTAL										
Headquarters	11,758	198.0	7,806	92.6	0	0.1	0	6.0	3,952	99.3
Regions	0	13.0	0	12.9	0	0.0	0	0.1	0	0.0
PROGRAM SUPPORT TOTAL	$11,758	211.0	$7,806	105.5	$0	0.0	$0	6.0	$3,952	99.3
ADMINISTRATIVE SUPPORT TOTAL (AEOD)	$1,001		$0		$0		$0		$1,001	

FY 1994-1998 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

PROGRAM ELEMENT: Analysis and Evaluation of Operational Data (AEOD)

ACTIVITY: Diagnostic Evaluations (AEOD)

SUBACTIVITIES

	FY 1994 Enacted Minus Proposed Rescission (Inflation factor) $	FTE
1. Diagnostic Evaluations of Licensee Performance (Reactor)		
AEOD	288	5.0
Regions	0	0.0
SUBACTIVITY TOTAL:	$288	5.0
2. Information Technology	0	0.0
3. Overhead (AEOD)	0	2.0

FY 1994-1998 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
ACTIVITY TOTAL: Diagnostic Evaluations (AEOD)		
PROGRAM SUPPORT/FTE		
AEOD	$288	7.0
Regions	0	0.0
TOTAL	288	7.0
TRAVEL (AEOD)	35	
SALARIES & BENEFITS*		
AEOD	562	
Regions	0	
TOTAL	562	
TOTAL		
AEOD	885	7.0
Regions	0	0.0
ACTIVITY TOTAL	$885	7.0

FY 1994-1998 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

ACTIVITY: Incident Investigation (AEOD)

(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
SUBACTIVITIES:		
1. Incident Investigation (Reactor)		
AEOD	26	1.0
Regions	0	0.0
SUBACTIVITY TOTAL:	$26	1.0
2. Information Technology	0	0.0
3. Overhead (AEOD)	0	1.0

FY 1994-1998 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
ACTIVITY TOTAL: Incident Investigation (AEOD)		
PROGRAM SUPPORT/FTE		
AEOD	$26	2.0
Regions	0	0.0
TOTAL	26	2.0
TRAVEL (AEOD)	14	
SALARIES & BENEFITS*		
AEOD	161	
Regions	0	
TOTAL	161	
TOTAL		
AEOD	201	2.0
Regions	0	0.0
ACTIVITY TOTAL	$201	2.0

94-1998 FIVE-YEAR PLAN
AILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
ACTIVITY: NRC Incident Response (AEOD)		
SUBACTIVITIES:		
1. NRC Incident Response (Reactor)		
AEOD	580	12.0
Regions	0	9.0
SUBACTIVITY TOTAL:	$580	21.0
2. Information Technology	1,274	3.0
3. International Cooperation		2.0
4. Overhead (AEOD)	0	5.0

FY 1994-1998 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
ACTIVITY TOTAL: NRC Incident Response (AEOD)		
PROGRAM SUPPORT/FTE		
AEOD	$1,854	22.0
Regions	0	9.0
TOTAL	1,854	31.0
TRAVEL (AEOD)	102	
SALARIES & BENEFITS*		
AEOD	1,768	
Regions	724	
TOTAL	2,492	
TOTAL		
AEOD	3,724	22.0
Regions	724	9.0
ACTIVITY TOTAL	$4,448	31.0

FY 1994-1998 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
ACTIVITY: Technical Training (AEOD)		
SUBACTIVITIES:		
1. Reactor Technology Training	1,037	15.0
2. Reactor Technology Training Information Technology	2,222	5.0
3. International Cooperation		3.0
4. Administrative Support		
a. Transportation of Things	3	
b. Comm., Util., & Misc. Chgs.	59	
c. Rent	645	
d. Printing and Reproduction	28	
e. Other Facility Services	72	
f. Supplies and Materials	69	
g. Capital Equipment	0	
h. Information Technology	125	
SUBACTIVITY TOTAL:	$1,001	
4. Overhead	0	7.0

FY 1994-1998 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
ACTIVITY TOTAL: Technical Training (AEOD)		
PROGRAM SUPPORT/FTE	$3,259	30.0
ADMIN SUPPORT/FTE	1,001	
TRAVEL	90	
SALARIES & BENEFITS*	2,411	
ACTIVITY TOTAL	$6,761	30.0

FY 1994-1998 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
ACTIVITY: Operational Experience Evaluation (AEOD)		
SUBACTIVITIES:		
1. Reactor Operational Data Analysis, Collect., and Dissem.	1,306	26.0
2. Information Technology	4,141	4.0
3. Overhead	0	10.0
PROGRAM SUPPORT/FTE	$5,447	40.0
TRAVEL	93	
SALARIES & BENEFITS*	3,214	
ACTIVITY TOTAL	$8,754	40.0

FY 1994-1998 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
ACTIVITY: Committee to Review Generic Requirements		
SUBACTIVITIES:		
1. Committee to Review Generic Requirements (Reactor)	0	2.0
2. Overhead	0	1.0
PROGRAM SUPPORT/FTE	$0	3.0
TRAVEL	5	
SALARIES & BENEFITS*	241	
ACTIVITY TOTAL	$246	3.0

FY 1994-1998 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

PROGRAM ELEMENT TOTAL: Analysis and Evaluation of Operational Data (AEOD)

	FY 1994 Enacted Minus Proposed Rescission	
(Inflation factor)	$	FTE
PROGRAM SUPPORT/FTE		
AEOD	$10,874	104.0
Regions	0	9.0
TOTAL	10,874	113.0
ADMIN SUPPORT (AEOD)	1,001	
TRAVEL (AEOD)	339	
SALARIES & BENEFITS*		
AEOD	8,357	
Regions	724	
TOTAL	9,081	
TOTAL		
AEOD	20,571	104.0
Regions	724	9.0
PROGRAM ELEMENT TOTAL	$21,295	113.0

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FY 1994-1998 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
PROGRAM ELEMENT: Advisory Committee on Reactor Safeguards (ACRS)		
PROGRAM SUPPORT/FTE	$181	31.0
TRAVEL	338	
SALARIES & BENEFITS*	2,491	
PROGRAM ELEMENT TOTAL	$3,010	31.0

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FY 1994-1998 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

	FY 1994 Enacted Minus Proposed Rescission	
(Inflation factor)	$	FTE
PROGRAM ELEMENT: Atomic Safety and Licensing Board Panel (ASLBP)		
ACTIVITY: Reactor Operations		
SUBACTIVITIES:		
1. Administrative Judges	0	13.5
2. Administrative Support	693	12.5
PROGRAM SUPPORT/FTE	$693	26.0
TRAVEL	87	
SALARIES & BENEFITS*	2,089	
PROGRAM ELEMENT TOTAL	$2,869	26.0

FY 1994-1998 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
PROGRAM ELEMENT: External Investigations (OI)		
ACTIVITY: Reactor Operations		
SUBACTIVITIES:		
1. Investigations/Referrals	0	31.0
PROGRAM SUPPORT/FTE	$0	31.0
TRAVEL	227	
SALARIES & BENEFITS*	2,491	
PROGRAM ELEMENT TOTAL	$2,718	31.0

FY 1994-1998 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
PROGRAM ELEMENT: Enforcement (OE)		
ACTIVITY: Reactor Operations (OE)		
PROGRAM SUPPORT/FTE		
OE	$10	6.0
Regions	0	4.0
TOTAL	10	10.0
TRAVEL (OE)	26	
SALARIES & BENEFITS*		
OE	482	
Regions	321	
TOTAL	803	
TOTAL		
OE	518	6.0
Regions	321	4.0
PROGRAM ELEMENT TOTAL	$839	10.0

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FY 1994-1998 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
PROGRAM SUMMARY		
PROGRAM SUPPORT:		
Direct Resources		
AEOD	10,874	79.0
ACRS	181	31.0
ASLBP	693	26.0
OI	0	31.0
OE	10	6.0
Regions		
AEOD	0	9.0
OE	0	4.0
Overhead (AEOD)	0	25.0

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FY 1994-1998 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
TOTAL		
Headquarters		
AEOD	10,874	104.0
ACRS	181	31.0
ASLBP	693	26.0
OI	0	31.0
OE	10	6.0
TOTAL	$11,758	198.0
Regions		
AEOD	0	9.0
OE	0	4.0
TOTAL	$0	13.0
TOTAL		
Headquarters	11,758	198.0
Regions	0	13.0
PROGRAM SUPPORT TOTAL	$11,758	211.0
ADMINISTRATIVE SUPPORT TOTAL (AEOD)	$1,001	

FY 1994-1998 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
(Dollars in Thousands, Staff Years in Full-Time Equivalents)

(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
TRAVEL:		
Headquarters		
AEOD	339	
ACRS	338	
ASLBP	87	
OI	227	
OE	26	
TRAVEL TOTAL	$1,017	

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FY 1994-1998 FIVE-YEAR PLAN
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(Dollars in Thousands, Staff Years in Full-Time Equivalents)

	FY 1994 Enacted Minus Proposed Rescission	
(Inflation factor)	$	FTE
SALARIES AND BENEFITS*:		
Headquarters		
AEOD	8,357	
ACRS	2,491	
ASLBP	2,089	
OI	2,491	
OE	482	
TOTAL	$15,910	
Regions		
AEOD	724	
OE	321	
TOTAL	$1,045	
TOTAL		
Headquarters	15,910	
Regions	1,045	
SALARIES AND BENEFITS TOTAL	$16,955	

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FY 1994-1998 FIVE-YEAR PLAN
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(Dollars in Thousands, Staff Years in Full-Time Equivalents)

	(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
PROGRAM TOTAL:			
Headquarters			
AEOD		20,571	104.0
ACRS		3,010	31.0
ASLBP		2,869	26.0
OI		2,718	31.0
OE		518	6.0
TOTAL		$29,686	198.0
Regions			
AEOD		724	9.0
OE		321	4.0
TOTAL		$1,045	13.0
TOTAL			
Headquarters		29,686	198.0
Regions		1,045	13.0
PROGRAM TOTAL		$30,731	211.0

Inflation factor:

*Inflation factors for salaries and benefits estimates are based on Congressional enactment of payraises, wage-in-grade increases and promotions, and changes

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(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
PROGRAM ELEMENT: Commission (OCM)		
PROGRAM SUPPORT/FTE	$52	41.0
TRAVEL	297	
SALARIES & BENEFITS*	3,294	
PROGRAM ELEMENT TOTAL	$3,653	41.0

NUCLEAR SAFETY MANAGEMENT AND SUPPORT
FY 1994-1998 FIVE-YEAR PLAN
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(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
PROGRAM ELEMENT: Office of Commission Appelate Adjudication (OCAA)		
PROGRAM SUPPORT/FTE	$5	7.0
TRAVEL	15	
SALARIES & BENEFITS*	561	
PROGRAM ELEMENT TOTAL	$581	7.0

NUCLEAR SAFETY MANAGEMENT AND SUPPORT
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(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
PROGRAM ELEMENT: Congressional Affairs (CA)		
PROGRAM SUPPORT/FTE	$15	10.0
TRAVEL	12	
SALARIES & BENEFITS*	803	
PROGRAM ELEMENT TOTAL	$830	10.0

NUCLEAR SAFETY MANAGEMENT AND SUPPORT
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PROGRAM ELEMENT: General Counsel (OGC)

SUBACTIVITIES:

	FY 1994 Enacted Minus Proposed Rescission $	FTE
1. Office of the General Counsel		
OGC	293	10.0
Regions	0	5.0
TOTAL	293	15.0
2. Solicitor	0	3.0
3. Licensing and Regulation	0	31.0
4. Hearings, Enforcement, and Administration	92	50.0
5. Information Technology	0	1.0

NUCLEAR SAFETY MANAGEMENT AND SUPPORT
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(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
PROGRAM ELEMENT TOTAL: General Counsel (OGC)		
PROGRAM SUPPORT/FTE		
OGC	$385	95.0
Regions	0	5.0
TOTAL	385	100.0
TRAVEL		
OGC	134	
SALARIES & BENEFITS*		
OGC	7,634	
Regions	402	
TOTAL	8,036	
TOTAL		
OGC	8,153	95.0
Regions	402	5.0
PROGRAM ELEMENT TOTAL	$8,555	100.0

NUCLEAR SAFETY MANAGEMENT AND SUPPORT
FY 1994-1998 FIVE-YEAR PLAN
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(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
PROGRAM ELEMENT: International Programs (IP)		
PROGRAM SUPPORT/FTE	$225	30.0
TRAVEL	195	
SALARIES & BENEFITS*	2,411	
PROGRAM ELEMENT TOTAL	$2,831	30.0

NUCLEAR SAFETY MANAGEMENT AND SUPPORT
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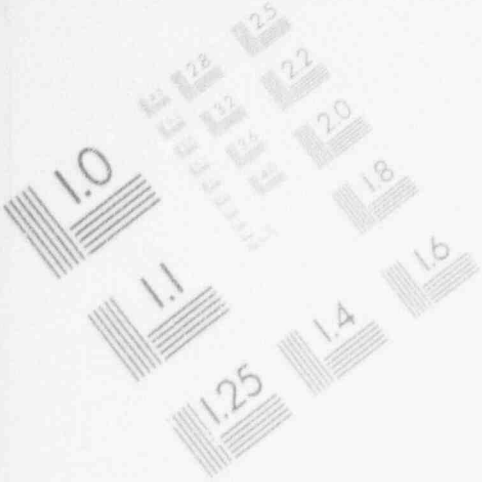
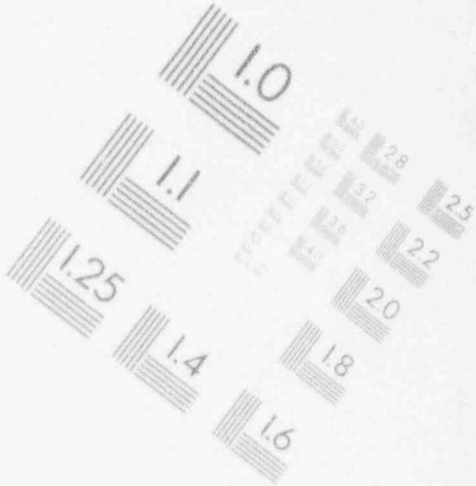
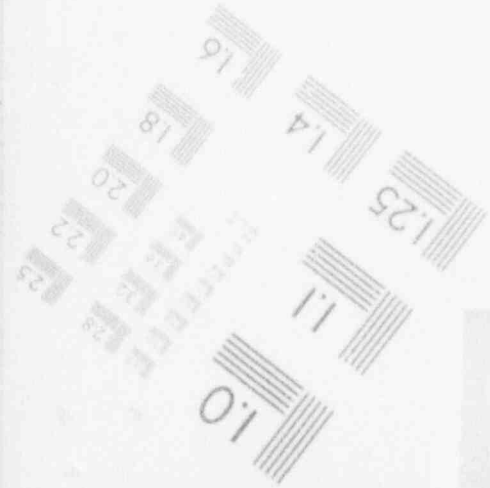
(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
PROGRAM ELEMENT: Public Affairs (PA)		
PROGRAM SUPPORT/FTE	$46	16.0
TRAVEL	12	
SALARIES & BENEFITS*	1,286	
PROGRAM ELEMENT TOTAL	$1,344	16.0

1

IMAGE EVALUATION
TEST TARGET (MT-3)







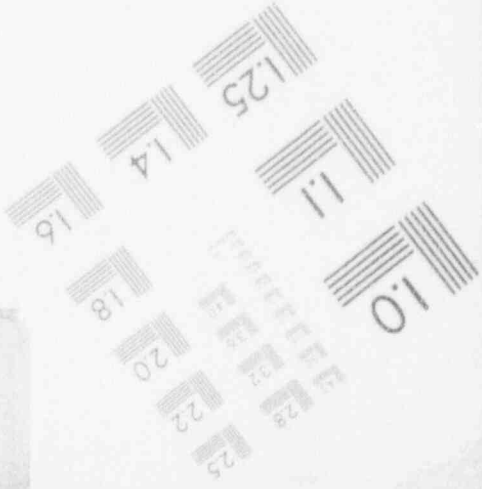


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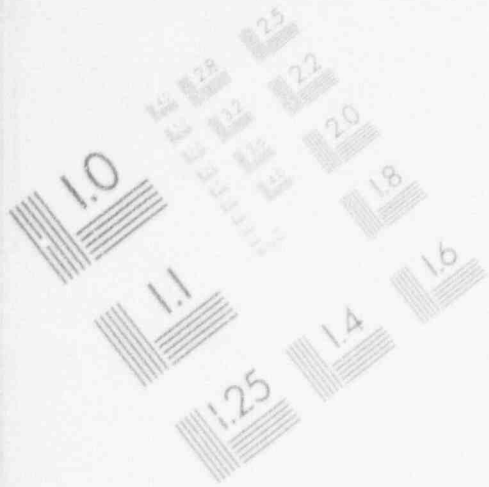
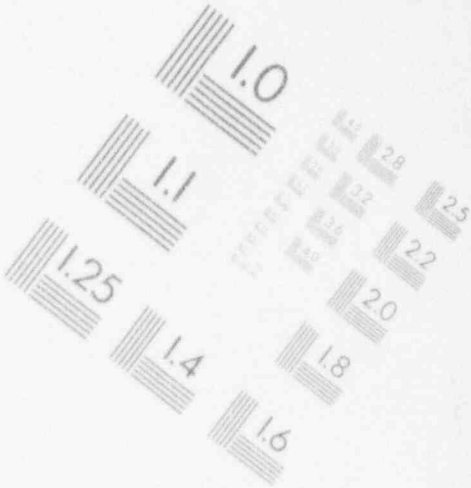
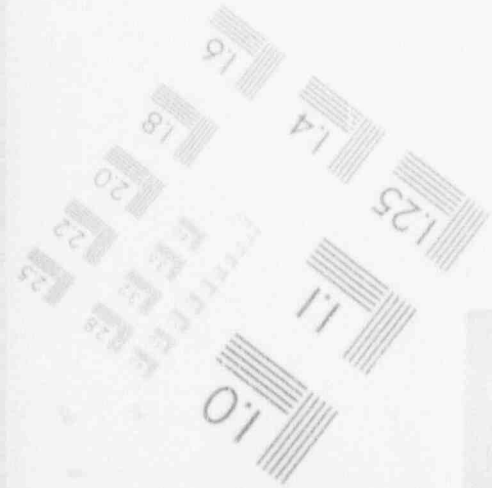
IMAGE EVALUATION
TEST TARGET (MT-3)







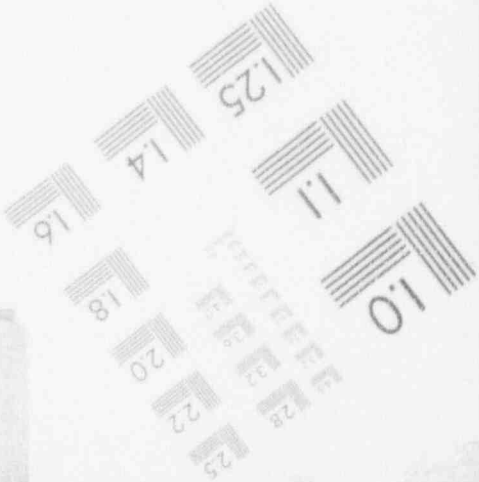


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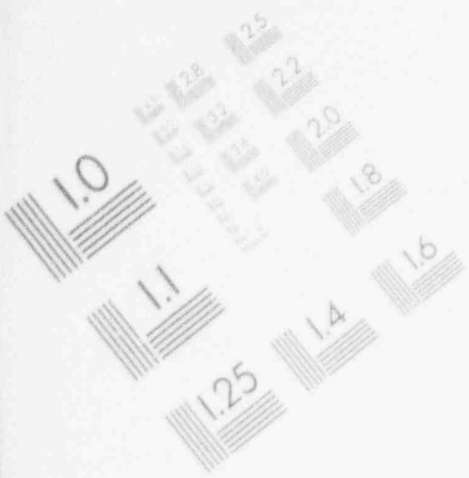
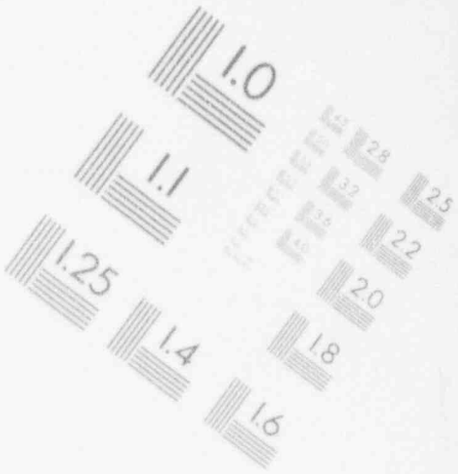
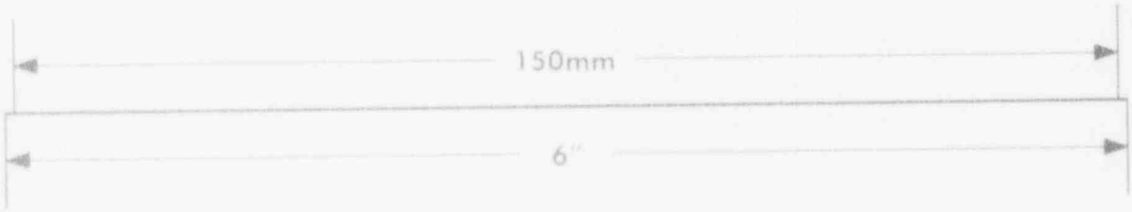
IMAGE EVALUATION
TEST TARGET (MT-3)







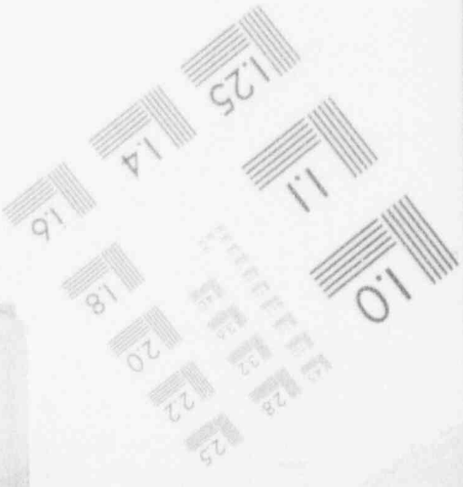


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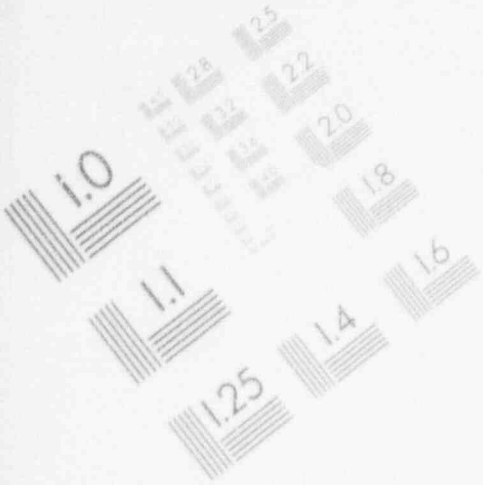
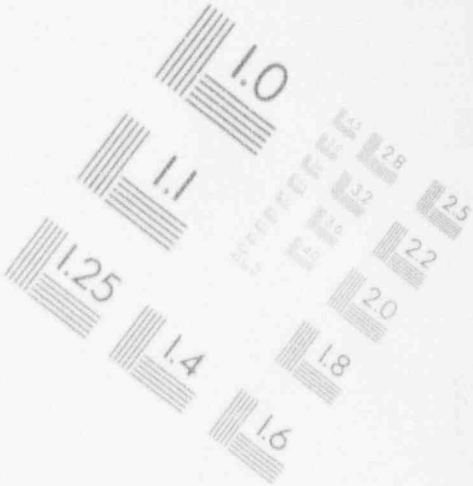
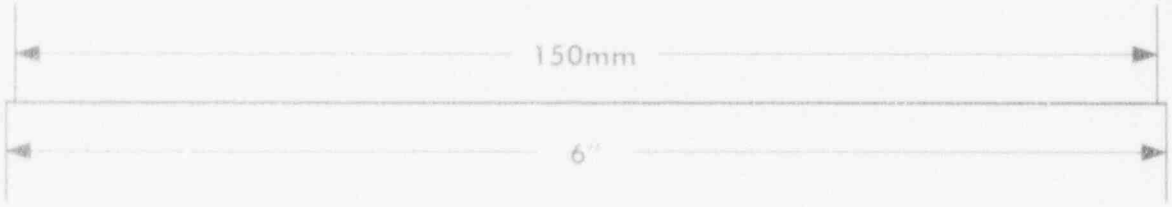
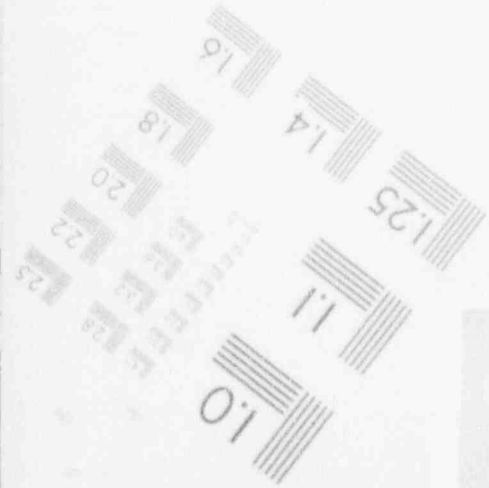
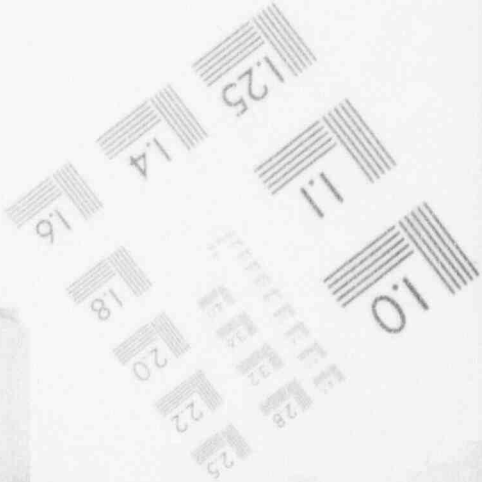
IMAGE EVALUATION
TEST TARGET (MT-3)











NUCLEAR SAFETY MANAGEMENT AND SUPPORT
FY 1994-1998 FIVE-YEAR PLAN
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(Dollars in Thousands, Staff Years in Full-Time Equivalents)

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(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
PROGRAM ELEMENT: Secretariat (SECY)		
PROGRAM SUPPORT/FTE	$359	28.0
TRAVEL	15	
SALARIES & BENEFITS*	2,250	
PROGRAM ELEMENT TOTAL	$2,624	28.0

NUCLEAR SAFETY MANAGEMENT AND SUPPORT
FY 1994-1998 FIVE-YEAR PLAN
DETAILED RESOURCE REPORT
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(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
PROGRAM ELEMENT: Executive Director for Operations (EDO)		
PROGRAM SUPPORT/FTE	$308	22.0
TRAVEL	77	
SALARIES & BENEFITS*	1,768	
PROGRAM ELEMENT TOTAL	$2,153	22.0

(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
PROGRAM ELEMENT: Controller (OC)		
ACTIVITY: Director's Office		
SUBACTIVITIES:		
1. Programmatic Activities	0	4.0
2. CFO Act Implementation	0	1.0
3. Information Technology	0	0.0
PROGRAM SUPPORT/FTE	$0	5.0
ADMINISTRATIVE SUPPORT SUBACTIVITIES:		
1. Change of Station	1,900	
2. Employee Relocation Services	1,373	
3. Insurance Claims and Indemnities	100	
ADMINISTRATIVE SUPPORT TOTAL	$3,373	

NUCLEAR SAFETY MANAGEMENT AND SUPPORT
FY 1994-1998 FIVE-YEAR PLAN
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(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
ACTIVITY TOTAL: Director's Office		
PROGRAM SUPPORT/FTE	$0	5.0
ADMINISTRATIVE SUPPORT	3,373	
TRAVEL	5	
SALARIES & BENEFITS*	402	
ACTIVITY TOTAL	$3,780	5.0

NUCLEAR SAFETY MANAGEMENT AND SUPPORT
FY 1994-1998 FIVE-YEAR PLAN
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(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
ACTIVITY: Budget and Analysis		
SUBACTIVITIES:		
1. Programmatic Activities	75	29.0
2. CFO Act	0	2.0
PROGRAM SUPPORT/FTE	$75	31.0
TRAVEL	15	
SALARIES & BENEFITS*	2,491	
ACTIVITY TOTAL	$2,581	31.0

(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
ACTIVITY: Accounting and Finance		
SUBACTIVITIES:		
1. Programmatic Activities	1,108	67.0
2. CFO Act	375	2.0
3. Information Technology	2,425	2.0
PROGRAM SUPPORT/FTE	$3,908	71.0
TRAVEL	26	
SALARIES & BENEFITS*	5,705	
ACTIVITY TOTAL	$9,639	71.0

NUCLEAR SAFETY MANAGEMENT AND SUPPORT
FY 1994-1998 FIVE-YEAR PLAN
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(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
PROGRAM ELEMENT TOTAL: Controller (OC)		
PROGRAM SUPPORT/FTE	$3,983	107.0
ADMINISTRATIVE SUPPORT	3,373	
TRAVEL	46	
SALARIES & BENEFITS*	8,598	
PROGRAM ELEMENT TOTAL	$16,000	107.0

NUCLEAR SAFETY MANAGEMENT AND SUPPORT
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(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
PROGRAM ELEMENT: Office of Policy Planning (OPP)		
PROGRAM SUPPORT/FTE	$0	5.0
TRAVEL	10	
SALARIES & BENEFITS*	402	
PROGRAM ELEMENT TOTAL	$412	5.0

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

(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
PROGRAM ELEMENT: Small and Disadvantaged Business Utilization/Civil Rights (OSDBU/CR)		
SUBACTIVITIES:		
1. Programmatic Activities	154	7.0
2. Historically Black Colleges and Universities	205	0.0
PROGRAM SUPPORT/FTE	$359	7.0
TRAVEL	15	
SALARIES & BENEFITS*	562	
PROGRAM ELEMENT TOTAL	$936	7.0

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(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
PROGRAM ELEMENT: State Programs (SP)		
PROGRAM SUPPORT/FTE		
State Programs	$951	18.0
Regions	0	9.0
TOTAL	951	27.0
TRAVEL (State Programs)	85	
SALARIES & BENEFITS*		
State Programs	1,446	
Regions	723	
TOTAL	2,169	
TOTAL		
State Programs	2,482	18.0
Regions	723	9.0
PROGRAM ELEMENT TOTAL	$3,205	27.0

(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
PROGRAM ELEMENT: Administration (ADM)		
ACTIVITY: Director's Office		
PROGRAM SUPPORT/FTE	$0	5.0
ADMINISTRATIVE SUPPORT SUBACTIVITIES:		
1. Transportation of Persons and Things		
a. Transportation of Persons	275	
b. Transportation of Things	465	
SUBACTIVITY TOTAL:	$740	
2. Rental of Space	17,331	
3. Printing and Reproduction	2,035	
4. Security Costs	1,876	

(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
5. Supplies, Materials, and Equipment		
a. Equipment Rental, Postage, and Miscellaneous Charges	1,505	
b. Supplies and Materials	1,697	
c. Capital Equipment	247	
SUBACTIVITY TOTAL:	$3,449	
6. Other Operational Costs	5,125	
7. Information Technology		
a. Rental of Hardware and Software	0	
b. Systems Development, Main., Da Entry, and Other Services	0	
c. Hardware/Software Acquisition and Upgrade	0	
d. Capital Purchase of Hardware and Software	0	
SUBACTIVITY TOTAL:	0	
ADMINISTRATIVE SUPPORT TOTAL	$30,556	

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(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
ACTIVITY TOTAL: Director's Office		
PROGRAM SUPPORT/FTE	$0	5.0
ADMINISTRATIVE SUPPORT	30,556	
TRAVEL	13	
SALARIES & BENEFITS*	402	
ACTIVITY TOTAL	$30,971	5.0

NUCLEAR SAFETY MANAGEMENT AND SUPPORT
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(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
ACTIVITY: Contracts and Property Management		
PPOGRAM SUPPORT/FTE	$0	84.0
TRAVEL	26	
SALARIES & BENEFITS*	6,750	
ACTIVITY TOTAL	$6,776	84.0

NUCLEAR SAFETY MANAGEMENT AND SUPPORT
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(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
ACTIVITY: Security		
PROGRAM SUPPORT/FTE	$0	27.0
TRAVEL	14	
SALARIES & BENEFITS*	2,170	
ACTIVITY TOTAL	$2,184	27.0

NUCLEAR SAFETY MANAGEMENT AND SUPPORT
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(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
ACTIVITY: Freedom of Information and Publications Services		
PROGRAM SUPPORT/FTE	$0	70.0
TRAVEL	24	
SALARIES & BENEFITS*	5,625	
ACTIVITY TOTAL	$5,649	70.0

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(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
PROGRAM ELEMENT TOTAL: Administration (ADM)		
PROGRAM SUPPORT/FTE	$0	186.0
ADMINISTRATIVE SUPPORT	30,556	
TRAVEL	77	
SALARIES & BENEFITS*	14,947	
PROGRAM ELEMENT TOTAL	$45,580	186.0

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(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
PROGRAM ELEMENT: Consolidation (CONS)		
PROGRAM SUPPORT SUBACTIVITIES:		
1. Base Building Change Orders	24	
2. Telecom Systems and Equipment	612	
3. Facility and Space Preparation	0	
4. Property and Supply	810	
5. Moving and Relocation	1,742	
6. Security	10	
7. Miscellaneous Costs/Consolidation	75	
PROGRAM SUPPORT TOTAL/FTE	$3,273	7.0

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PROGRAM ELEMENT TOTAL: Consolidation (CONS)

(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
PROGRAM SUPPORT/FTE	$3,273	7.0
TRAVEL	0	
SALARIES & BENEFITS*	562	
PROGRAM ELEMENT TOTAL	$3,835	7.0

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(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
PROGRAM ELEMENT: Information Resources Management (IRM)		
ACTIVITY: Director's Office		
ADMINISTRATIVE SUPPORT/FTE	$432	5.0
TRAVEL	40	
SALARIES & BENEFITS*	402	
ACTIVITY TOTAL	$874	5.0
ACTIVITY: FinMgmt/ComSec/Adm Supp		
ADMINISTRATIVE SUPPORT/FTE	$2,930	11.0
TRAVEL	5	
SALARIES & BENEFITS*	884	
ACTIVITY TOTAL	$3,819	11.0
ACTIVITY: Tech Assessment		
ADMINISTRATIVE SUPPORT/FTE	$300	7.0
TRAVEL	10	
SALARIES & BENEFITS*	562	
ACTIVITY TOTAL	$872	7.0

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(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
ACTIVITY: Policy, Planning		
ADMINISTRATIVE SUPPORT/FTE	$560	10.0
TRAVEL	10	
SALARIES & BENEFITS*	804	
ACTIVITY TOTAL	$1,374	10.0
ACTIVITY: End User Support		
ADMINISTRATIVE SUPPORT/FTE	$7,655	30.0
TRAVEL	15	
SALARIES & BENEFITS*	2,411	
ACTIVITY TOTAL	$10,081	30.0
ACTIVITY: Tech Infrastructure		
ADMINISTRATIVE SUPPORT/FTE	$14,474	24.0
TRAVEL	45	
SALARIES & BENEFITS*	1,929	
ACTIVITY TOTAL	$16,448	24.0

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(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
ACTIVITY: System Dev. & Integration		
ADMINISTRATIVE SUPPORT/FTE	$6,460	25.0
TRAVEL	25	
SALARIES & BENEFITS*	2,009	
ACTIVITY TOTAL	$8,494	25.0
ACTIVITY: Info. & Record Mgmt.		
ADMINISTRATIVE SUPPORT/FTE	$3,275	29.0
TRAVEL	13	
SALARIES & BENEFITS*	2,330	
ACTIVITY TOTAL	$5,618	29.0

(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
PROGRAM ELEMENT TOTAL: Information Resources Management		
PROGRAM SUPPORT/FTE	$0	141.0
ADMINISTRATIVE SUPPORT	36,086	
TRAVEL	163	
SALARIES & BENEFITS*	11,331	
PROGRAM ELEMENT TOTAL	$47,580	141.0

(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
PROGRAM ELEMENT: Personnel and Training (OP)		
ACTIVITY: Personnel		
PROGRAM SUPPORT/FTE	$0	58.0
ADMINISTRATIVE SUPPORT SUBACTIVITIES:		
1. Recruitment Activities	201	
2. Other Services	872	
3. Awards, Medals and Certificates	36	
4. Information Technology	45	
ADMINISTRATIVE SUPPORT TOTAL	$1,154	
TRAVEL	243	
SALARIES & BENEFITS*	4,661	
ACTIVITY TOTAL	$6,058	58.0

NUCLEAR SAFETY MANAGEMENT AND SUPPORT
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(Dollars in Thousands, Staff Years in Full-Time Equivalent*)

(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
ACTIVITY: Training and Development		
PROGRAM SUPPORT/FTE	$0	9.0
ADMINISTRATIVE SUPPORT	3,869	
TRAVEL	15	
SALARIES & BENEFITS*	723	
ACTIVITY TOTAL	$4,607	9.0

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	FY 1994 Enacted Minus Proposed Rescission	
(Inflation factor)	$	FTE
ACTIVITY: NRC-Wide Support		
PROGRAM SUPPORT/FTE	$0	6.0
ADMINISTRATIVE SUPPORT SUBACTIVITIES:		
1. Secretarial & Clerical Support	616	
2. Cooperative Education	0	
ADMINISTRATIVE SUPPORT TOTAL	$616	
TRAVEL	0	
SALARIES & BENEFITS*	482	
ACTIVITY TOTAL	$1,098	6.0

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(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
PROGRAM ELEMENT TOTAL: Personnel and training (OP)		
PROGRAM SUPPORT/FTE	$0	73.0
ADMINISTRATIVE SUPPORT	5,639	
TRAVEL	258	
SALARIES & BENEFITS*	5,866	
PROGRAM ELEMENT TOTAL	$11,763	73.0

(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE

PROGRAM ELEMENT: Regional Administrative Support

ADMINISTRATIVE SUPPORT SUBACTIVITIES:

1. Transportation of Persons and Things	
a. Transportation of Persons	149
b. Transportation of Things	78
SUBACTIVITY TOTAL:	$227
2. Rental of Space	5,211
3. Printing and Reproduction	15
4. Security Costs	5
5. Supplies, Materials, Postage, and Equipment	
a. Equipment Rentals, Postage, and Miscellaneous Rents	488
b. Supplies and Materials	688
c. Capital Equipment	166
SUBACTIVITY TOTAL:	$1,342

(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
6. Other Operational Costs		
a. Other Services	975	
b. Private Sector Temp Services	135	
SUBACTIVITY TOTAL:	$1,110	
7. Telecommunications Services		
a. Equipment Rental and Communications Services	909	
b. Technical Support and Other Services	64	
c. Non-Capital Equipment, Supplies and Materials	134	
d. Capital Equipment	70	
SUBACTIVITY TOTAL:	$1,177	

(Inflation factor)	FY 1394 Enacted Minus Proposed Rescission $	FTE
8. Information Systems Development and Maintenance	531	
9. Office Automation/Network Development		
a. Hardware/Software Acquisition and Upgrade	327	
b. Capital Equipment	92	
SUBACTIVITY TOTAL:	$419	
10. Information Technology Services		
a. Equipment Rental	34	
b. Tech. Support/Other Services	92	
SUBACTIVITY TOTAL:	$126	

PROGRAM ELEMENT TOTAL: Regional Administrative Support

ADMINISTRATIVE SUPPORT $10,163

NUCLEAR SAFETY MANAGEMENT AND SUPPORT
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	(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
PROGRAM SUMMARY			
PROGRAM SUPPORT			
Headquarters			
Commission		62	41.0
OCAA		5	7.0
CA		15	10.0
OGC		385	95.0
IP		225	30.0
PA		46	16.0
SECY		359	28.0
EDO		308	22.0
OC		3,983	107.0
OPP		0	5.0
OSBDUCR		359	7.0
SP		951	18.0
ADM		0	186.0
Consolidation		3,273	7.0
IRM		0	141.0
OP		0	73.0
HEADQUARTERS TOTAL		$9,971	793.0
Regions			
OGC		0	5.0
SP		0	9.0
REGIONS TOTAL		$0	14.0
PROGRAM SUPPORT TOTAL		$9,971	807.0

NUCLEAR SAFETY MANAGEMENT AND SUPPORT
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(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
ADMINISTRATIVE SUPPORT:		
Headquarters		
Administration	30,556	
Consolidation	0	
Controller	3,373	
IRM	36,086	
Personnel and Training	5,639	
HEADQUARTERS TOTAL	$75,654	
REGIONS TOTAL	$10,163	
ADMINISTRATIVE SUPPORT TOTAL	$85,817	

NUCLEAR SAFETY MANAGEMENT AND SUPPORT
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	(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
TRAVEL			
Headquarters			
Commission		297	
OCAA		15	
CA		12	
OGC		134	
IP		195	
PA		12	
SECY		15	
EDO		77	
OC		46	
OPP		10	
OSBDUCR		15	
SP		85	
ADM		77	
Consolidation		0	
IRM		163	
OP		258	
TRAVEL TOTAL		$1,411	

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Date Printed: 05/09/94 Data as of: 1/13/94/1325

(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
SALARIES & BENEFITS*		
Headquarters		
Commission	3,294	
OCAA	561	
CA	803	
OGC	7,634	
IP	2,411	
PA	1,286	
SECY	2,250	
EDO	1,768	
OC	8,598	
OPP	402	
OSBDUCR	562	
SP	1,446	
ADM	14,947	
Consolidation	562	
IRM	11,331	
OP	5,866	
HEADQUARTERS TOTAL	$63,721	
Regions		
OGC	402	
SP	723	
REGIONS TOTAL	$1,125	
SALARIES & BENEFITS TOTAL	$64,846	

NUCLEAR SAFETY MANAGEMENT AND SUPPORT
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	(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
TOTAL			
Headquarters		150,757	793.0
Regions		11,288	14.0
PROGRAM TOTAL		$162,045	807.0

Inflation Factor

Inflation factors for salaries and benefits estimates are based on Congressional enactment of payraises,wage-in-grade increases and promotions, and changes in

INSPECTOR GENERAL
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Date Printed: 05/09/94
Date as of: 1/13/94/1536

(Inflation factor)	FY 1994 Enacted Minus Proposed Rescission $	FTE
PROGRAM: Inspector General (IG)		
SUBACTIVITIES:		
1. Director's Office: Resource Management & Operations Support	20	7.0
2. Internal Audits	605	19.0
3. Investigations and Inspections	37	17.0
PROGRAM SUPPORT/FTE	$662	43.0
TRAVEL	205	
SALARIES & BENEFITS*	3,933	
PROGRAM TOTAL	$4,800	43.0

Inflation Factor:

*Inflation factors for salaries and benefits estimates are based on Congressional enactment of payraises, wage-in-grade increases and promotions, and change

OMNIBUS BUDGET RECONCILIATION ACT OF 1993

PUBLIC LAW 103-66—AUG. 10, 1993 107 STAT. 401

TITLE VII—NUCLEAR REGULATORY COMMISSION PROVISIONS

SEC. 7001. NUCLEAR REGULATORY COMMISSION ANNUAL CHARGES.

Section 6101(a)(3) of the Omnibus Budget Reconciliation Act of 1990 (42 U.S.C. 2214(a)(3)) is amended by striking "September 30, 1995" and inserting "September 30, 1998".

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 (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 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.

(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.

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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* 109 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.

PUBLIC LAW 102-486—OCT. 24, 1992

ENERGY POLICY ACT OF 1992

(i) APPLICABILITY.—The amendments made by this section shall apply to claims filed under section 211(b)(1) of the Energy Reorganization Act of 1974 (42 U.S.C. 5851(b)(1)) on or after the date of the enactment of this Act. 42 USC 5851 note

SEC. 2903. EXEMPTION OF CERTAIN RESEARCH AND EDUCATIONAL LICENSEES FROM ANNUAL CHARGES.

(a) IN GENERAL.—Section 6101(c) of the Omnibus Budget Reconciliation Act of 1990 (42 U.S.C. 2214(c)) is amended—

(1) in paragraph (1), by striking "Any licensee" and inserting "Except as provided in paragraph (4), any licensee"; and

(2) by adding at the end the following new paragraph:

"(4) EXEMPTION.—

"(A) IN GENERAL.—Paragraph (1) shall not apply to the holder of any license for a federally owned research reactor used primarily for educational training and academic research purposes.

"(B) RESEARCH REACTOR.—For purposes of subparagraph (A), the term 'research reactor' means a nuclear reactor that—

"(i) is licensed by the Nuclear Regulatory Commission under section 104 c. of the Atomic Energy Act of 1954 (42 U.S.C. 2134(c)) for operation at a thermal power level of 10 megawatts or less; and

"(ii) if so licensed for operation at a thermal power level of more than 1 megawatt, does not contain—

"(I) a circulating loop through the core in which the licensee conducts fuel experiments;

"(II) a liquid fuel loading; or

"(III) an experimental facility in the core in excess of 16 square inches in cross-section.".

(b) APPLICABILITY.—The amendments made subsection (a) shall apply to annual charges assessed under section 6101(c) of the Omnibus Budget Reconciliation Act of 1990 for fiscal year 1992 or any succeeding fiscal year. 42 USC 2214 note

(c) POLICY REVIEW.—The Nuclear Regulatory Commission shall review its policy for assessment of annual charges under section 6101(c) of the Omnibus Budget Reconciliation Act of 1990, solicit public comment on the need for changes to such policy, and recommend to the Congress such changes in existing law as the Commission finds are needed to prevent the placement of an unfair burden on certain licensees of the Commission, in particular those that hold licenses to operate federally owned research reactors used primarily for educational training and academic research purposes. 42 USC 2214 note

SEC. 2904. STUDY AND IMPLEMENTATION PLAN ON SAFETY OF SHIPMENTS OF PLUTONIUM BY SEA.

(a) STUDY.—The President, in consultation with the Nuclear Regulatory Commission, shall conduct a study on the safety of shipments of plutonium by sea. The study shall consider the following:

(1) The safety of the casks containing the plutonium.

(2) The safety risks to the States of such shipments.

(3) Upon the request of any State, the adequacy of that State's emergency plans with respect to such shipments.

(4) The Federal resources needed to assist the States on account of such shipments.

United States Court of Appeals

FOR THE DISTRICT OF COLUMBIA CIRCUIT

Argued November 5, 1992 Decided March 16, 1993

No. 91-1407

ALLIED-SIGNAL, INC.,

PETITIONER

v.

U.S. NUCLEAR REGULATORY COMMISSION
AND THE UNITED STATES OF AMERICA,

RESPONDENTS

No. 91-1435

COMBUSTION ENGINEERING, INC.,

PETITIONER

v.

U.S. NUCLEAR REGULATORY COMMISSION
AND THE UNITED STATES OF AMERICA,

RESPONDENTS

Bills of costs must be filed within 14 days after entry of judgment. The court looks with disfavor upon motions to file bills of costs out of time.

No. 92-1001

COMBUSTION ENGINEERING, INC.

PETITIONER

v.

U.S. NUCLEAR REGULATORY COMMISSION
AND THE UNITED STATES OF AMERICA

RESPONDENTS

No. 92-1019

ALLIED-SIGNAL, INC.

PETITIONER

v.

U.S. NUCLEAR REGULATORY COMMISSION

RESPONDENT

Petitions for Review of An Order of
the U.S. Nuclear Regulatory Commission

John Hoff, with whom *Leonard A. Miller* was on the brief, for petitioner Allied Signal, Inc. in Nos. 91-1407 and 92-1019.

Harold F. Reis, with whom *Michael F. Healy* was on the brief, for petitioner Combustion Engineering, Inc. in Nos. 91-1435 and 92-1001.

L. Michael Rafky, with whom *William C. Parler*, General Counsel, *John F. Cordes, Sr.*, Solicitor, and *E. Leo Slaggie*, Deputy Solicitor, U.S. Nuclear Regulatory Commission, and *Katherine Adams*, Attorney, Department of Justice, were on the brief, for respondents.

Before: SILBERMAN, WILLIAMS and D.H. GINSBURG, *Circuit Judges*.

Opinion for the Court filed by *Circuit Judge* WILLIAMS.

WILLIAMS, *Circuit Judge*: Congress has directed the Nuclear Regulatory Commission to recover 100% of its costs from those who receive its regulatory "services" and to allocate the costs "fairly and equitably" among those recipients. Petitioners Allied Signal and Combustion Engineering challenge an NRC rule making that allocation; they also attack the NRC's denial of various requested exemptions from the fees. They allege that the Commission's actions did not satisfy Congress's "fair[ ] and equitabl[e]" standard and also were arbitrary and capricious. We agree in part and remand the case to the Commission.

Under authority granted in the Independent Offices Appropriation Act of 1952 ("IOAA"), 31 U.S.C. § 9701, the Commission has long charged fees to any person who received a "service or thing of value" from the Commission. (That term includes, perhaps oxymoronically, "regulatory services" such as permit processing.) In 1986, Congress expanded the NRC's recovery authority in the Consolidated Omnibus Budget Reconciliation Act of 1985 ("COBRA"), Pub. L. No. 99-272, 100 Stat. 147, and authorized it to recover 33% of its total annual budget through fees. Because IOAA fees could not generate that sum, Congress allowed the NRC to assess fees not only for the service-specific costs covered by IOAA but also for the Commission's *generic* costs of operation (e.g., costs associated with rulemaking proceedings or safety research). Later acts raised the budget recovery level to 45% for the years 1988 through 1990.[1] In carrying out the 33% and 45% recovery mandates, the Commission imposed fees for generic costs only on licensees who operated nuclear power reactors, reasoning that they absorbed the most regu-

[1] See *Omnibus Budget Reconciliation Act of 1987*, Pub. L. No. 100-203, 101 Stat. 1330-275; *Omnibus Reconciliation Act of 1989*, Pub. L. No. 101-239, 103 Stat. 2132.

latory resources. See *Florida Power and Light Co. v. United States*, 846 F.2d 765 (D.C. Cir. 1988).

In the 1990 Omnibus Reconciliation Act ("1990 OBRA"), Pub. L. No. 101-508, 104 Stat. 1388-299, Congress raised the recovery mandate for 1991-95 to 100% of the Commission's budget, see Pub. L. No. 101-508, § 6101 (codified at 42 U.S.C. § 2214), and told the Commission to promulgate a rule apportioning the generic fees "fairly and equitably" among licensees. *Id.* at § 6101(c)(3) (codified at 42 U.S.C. § 2214(c)(3)). The legislation further said that "[t]o the maximum extent practicable, the charges [assessed by the rule] 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." *Id.* After notice and comment, the Commission issued a rule purporting to carry out these directions. In doing so, it imposed fees on virtually all licensees. See Revision of Fee Schedules; 100% Fee Recovery (the "Final Rule"), 56 Fed. Reg. 31,472 (July 10, 1991) (codified at 10 CFR §§ 52, 71, 170, and 171).

I

Allied, a uranium hexaflouride (UF_6) converter, first complains about the Commission's failure to consider the inability of UF_6 converters to "pass through" OBRA fees to customers—i.e., to recoup them in whole or in part by raising prices. Allied asserts that the Commission's treatment of the issue was inconsistent with OBRA and also with the NRC's treatment of other licensees' passthrough capability.

Allied's claim rests on simple facts. It explains that domestic UF_6 converters compete with foreign UF_6 converters who are not subject to NRC licensing and thus are not required to pay NRC fees. Competition, it says, is stiff; success in bidding on UF_6 conversion contracts often turns on differentials as small as one cent per pound. Fees imposed under the Final Rule, however, add up to almost five cents per pound of UF_6. Because adding the fee to their prices will drive customers to foreign converters, domestic UF_6 converters

cannot pass the costs forward. Allied draws a sharp contrast between UF_6 converters and other NRC licensees such as electric utilities, which it says are readily able to pass the costs on to customers. The Commission disputes none of these assertions.

Allied's statutory theory rests both on the 1990 OBRA and on the legislative history of 1986 COBRA—the latter being explicitly linked to the 1990 OBRA via *its* legislative history. Section 6201(c)(3) of the 1990 OBRA (codified at 42 U.S.C. § 2214(c)(3)), provides that

> [t]he Commission shall establish, by rule, a schedule of charges *fairly and equitably* allocating the aggregate amount of charges . . . [necessary to recoup 100% of the Commission's budget].

(Emphasis added.) The Conference Report to the 1990 OBRA states that the Commission has "the discretion . . . to assess annual charges against all of its licensees." H.R. Conf. Rep. No. 964, 101st Cong., 2d Sess. (1990), at 961. At the same time, however, the Report expressly "reaffirm[s] the statement of the [floor] managers [of 1986 COBRA] on the present authority" of the NRC to assess fees. *Id.* That statement in turn declared that it was the "intention of the conferees that, because certain Commission licensees, such as universities, hospitals, research and medical institutions, and uranium producers have *limited ability to pass through the costs of these charges* to the ultimate consumer, the Commission should *take this factor into account* in determining whether to modify [its] current fee schedule for such licensees." 132 Cong. Rec. H3797/3 (March 6, 1986) (emphases added).

The statutory language and legislative history do not, in our view, add up to an inexorable mandate to protect classes of licensees with limited ability to pass fees forward. Even the 1986 legislative history, written in the context of COBRA's less-demanding 33% recovery mandate, only directed the Commission to "take . . . account" of passthrough considerations, which would not necessarily entail that those considerations control. Moreover, the 1990 Conference Report

explicitly said that Congress preserved NRC's discretion to impose fees on "one or more classes of non-power-reactor licensees if the Commission believes it can fairly, equitably, and practicably do so." H.R. Conf. Rep. No. 964, 101st Cong., 2d Sess. (1990), at 961. Even if we were to give the legislative history great weight, we could not conclude that Congress has "directly spoken" to whether the Commission must spare licensees that cannot pass the fees forward. See *Chevron v. Natural Resources Defense Council*, 467 U.S. 837, 842 (1984). The question therefore is whether the Commission's interpretation is reasonable. See *id.* at 845; *Chemical Manufacturers Ass'n v. EPA*, 919 F.2d 158, 162–63 (D.C. Cir. 1990).

The Commission offered two justifications for its decision to disregard the passthrough concerns of UF_6 converters. First, it argued that it could not adjust fees based on competitive impact because the 100% recovery mandate of 1990 OBRA would require any abatement of fees for one class of licensees to be recouped from others. See Final Rule, 56 Fed. Reg. at 31,476; Letter of NRC Denying Allied Exemption Request at 3–4. However, while one could argue that it is unfair to charge any regulatee more than its pro rata share of generic costs (and not unfair to excuse some regulatees from paying all of their pro rata share when less than 100 percent must be recovered), that potential explanation does not carry the day here. The Commission's willingness to make an exemption for nonprofit educational insututions belies the assertion that it will not charge any regulatee more than its pro rata share.

Nonetheless, the Commission also pointed to an entirely legitimate concern—the difficulty of assessing the ability of its 9000 licensees to pass through costs. See NRC Denial of Allied Exemption Request at 4. A firm's ability to pass through a burden to its customers depends on the price elasticities of supply and demand. "Inelastic suppliers and demanders pay taxes." Donald N. McCloskey, The Applied Theory of Price 324 (1982). (While the fees are technically not taxes, the same principle applies to costs generally.) Because these elasticities are typically hard to discover with

much confidence, the Commission's refusal to read the statute as a rigid mandate to do so is not only understandable but reasonable.

It does not follow, however, that the Commission's application of the statute was in every respect reasonable. If capacity to pass the fees through can be determined with reasonable accuracy and at reasonable cost for specific classes of licensees, there appears no reason why the Commission should not do so. In fact, the Commission *has* made such a determination for another class of licensees, even though that class's claim seems no better founded than the claim of the domestic UF_6 converters.

Specifically, in the Final Rule the Commission exempted nonprofit educational institutions from payment of certain 1990 OBRA fees. See 56 Fed. Reg. at 31,487/1-2, 31,491/1-2; 10 CFR § 171.11(a). This appears to be based at least in part on the rationale that such institutions "have a limited ability to pass the[ ] costs on to others." Final Rule, 56 Fed. Reg. at 31,477/1-2 (1991).[2] See also 56 Fed. Reg. at 31,487/2 (speaking of educational institutions' "limited ability to pass regulatory costs through to their clients").

The Commission nowhere explains how it was able to make this finding for non-profits but is not able to resolve the elasticity claim one way or the other for domestic UF_6 converters. The Commission does not so much as hint at data relating to the markets in which educational institutions serve their "clients".[3] Neither does the Commission explain

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[2] This passage relates to the service-specific fees, but no independent justification for the exemption from generic costs appears, and the Commission here seems to assume that the explanation extends to the generic. See Commission Brief at 8, 19-20.

[3] We note that for educational institutions with certain types of licenses, the exemption is unavailable with respect to activities such as "[r]emunerated services . . . [performed for] other persons" and "[a]ctivities performed under a Government contract". See 10 CFR § 171.11(a)(2) & (4). This exclusion from the exemption, however, is limited to specific types of licenses, namely "byproduct, source or special nuclear material licenses."

why a demand elasticity calculation was any easier or less costly to complete for educational institutions than for UF_6 converters. Thus the Commission's denial of relief for UF_6 converters, both at the rulemaking and the exemption stages, cannot be viewed as reasoned decision-making.

An inadequately supported rule, however, need not necessarily be vacated. See, e.g., *International Union, UMW v. FMSHA*, 920 F.2d 960, 966–67 (D.C. Cir. 1990); *Maryland People's Counsel v. FERC*, 768 F.2d 450, 455 (D.C. Cir. 1985); *ICORE, Inc. v. FCC*, Nos. 91-1401 & 91-1655, Slip op. at 12 (D.C. Cir. February 19, 1993). The decision whether to vacate depends on "the seriousness of the order's deficiencies (and thus the extent of doubt whether the agency chose correctly) and the disruptive consequences of an interim change that may itself be changed." *International Union*, 920 F.2d at 967.

It is conceivable that the Commission may be able to explain how the principles supporting an exemption for educational institutions do not justify a similar exemption for domestic UF_6 converters. For example, the Commission may develop a reasoned explanation based on an alternative justification that it offered for the non-profit educational institutions' exemption—that "educational research provides an important benefit to the nuclear industry and the public at large and should not be discouraged." 56 Fed. Reg. at 31,477/2. While this reference is quite vague—the benefits of UF_6 conversion can hardly be deprecated merely because the converters operate in a conventional market—perhaps the Commission's focus is on *education*, with the idea that education yields exceptionally large externalized benefits that cannot be captured in tuition or other market prices. We cannot tell at this point whether the exemption for educational institutions could be reasonably rooted in such a theory, but there is at least a serious possibility that the Commission will be able to substantiate its decision on remand.

At the same time, the consequences of vacating may be quite disruptive. Even assuming that we could merely vacate the rule insofar as it denies an exemption for UF_6 converters,

the Commission would need to refund all 1990 OBRA fees collected from those converters; in addition it evidently would be unable to recover those fees under a later-enacted rule. See *Bowen v. Georgetown University Hospital*, 488 U.S. 204, 208–09 (1988) (rejecting retroactive application of rules even if operating only to cure defects in previously enacted rule). Therefore, because of the possibility that the Commission may be able to justify the Rule, and the disruptive consequences of vacating, we remand to the Commission for it to develop a reasoned treatment of exemption claims based on passthrough limitations.

Combustion Engineering also raised a related passthrough argument—that long-term fixed price contracts in its sector of the industry constrain its ability to pass through costs and therefore require some sort of gradual phase-in. See Comments of Combustion Engineering, May 13, 1991 at 2. On remand, the Commission must address this claim as well.

II

Allied also argues that the Commission's apportionment of fees *within* the class of domestic UF_6 converters violated the 1990 OBRA. Allied argues (again without dispute by the Commission) that it has required much less regulatory attention than the only other member of the UF_6 converter class, the Sequoyah Fuels Corporation, because of the latter's environmental problems. See NRC Denial of Allied Exemption Request at 7. Thus, Allied says, allocation of the fees equally between the two UF_6 converters violated the 1990 OBRA's directives that OBRA charges be apportioned "fairly and equitably" and that "[t]o the maximum extent practicable, the charges shall have a reasonable relationship to the cost of providing regulatory services." Pub. L. No. 101–508, § 6101(c)(3) (codified at 42 U.S.C. § 2214(c)(3)). Allied contends that the Commission instead ought to have divided the class's fees either in proportion to the amount of NRC attention required by each converter or in proportion to the service-specific (IOAA) fees paid by the two converters.

Allied's argument fails because it disregards the premise that 1990 OBRA fees are not service-specific: they do not relate to identifiable services but rather constitute *generic* costs. See Final Rule, 56 Fed. Reg. at 31,472. Assuming that the Commission correctly classified the costs in question (and Allied does not contest the classification), there is a presumption that even regulatory effort precipitated by the circumstances of a single licensee of a given class will yield results, such as research findings or regulations, of roughly equal importance for all members of the same class.

This conclusion is not undermined by the Commission's willingness to apportion 1990 OBRA fees *between* groups of licensees on the basis of the attention required by each group. See Final Rule, 56 Fed. Reg. at 31,476; Letter of NRC Denying Allied Exemption Request at 2, 4–5. First, the spillover of benefits seems far greater *within* a group of licensees than *between* groups. See *id.* at 5. Second, the administrative costs of group-level apportionment are obviously much lower than licensee-level apportionment because the number of licensees greatly exceeds the number of groups.

Here, neither of the measuring devices proposed by Allied was workable or accurate enough to warrant our holding the Commission's rejection of them arbitrary or capricious. Any correlation between a licensee's IOAA (licensee-specific) costs and its benefits from generic costs seems purely coincidental. And to use as a yardstick each member's tendency to precipitate regulatory effort would not only disregard spillover effects but would raise exceptional measurement problems. See NRC Denial of Allied Exemption Request at 4–8.

III

Allied makes a narrower attack on the Commission's rejection of intra-group apportionment, namely that the Commission was arbitrary and capricious in failing to apportion the generic costs associated with the disposal of low level radioactive waste ("LLW") on the basis of each licensee's actual waste. See Final Rule, 56 Fed. Reg. at 31,497; 10 CFR § 171.16(e). At the class level, the Commission allocated

costs in accordance with each class's contribution to the total quantity of LLW. Because materials licensees (a group that includes UF_6 converters) collectively generate 40% of the nation's LLW, the Commission allocated 40% of its LLW costs to that class. See *id.* When it turned to apportionment of those fees among the materials licensees, however, the Commission abandoned that approach and simply assessed each large fuel facility (of which Allied is one) an identical charge of $143,500. For explanation, the NRC offered only the conclusory statement that "[t]he Commission . . . believe[s] . . . the surcharge should be the same for all large fuel facility licensees." See Final Rule, 56 Fed. Reg. at 31,481.

The Commission provides no rationale for apportioning costs among classes of LLW producers on the basis of LLW output but refusing to apply that same yardstick in apportioning generic costs within classes, and no rationale is readily apparent. While it is conceivable that the real benefit of LLW disposal services is merely the availability of such services—in which case a flat fee would make sense—any such idea is inconsistent with the Commission's method of apportioning LLW fees among classes of licensees, which appears to assume that benefit is proportional to LLW quantity. If, on the other hand, any licensee's benefit from LLW disposal is directly proportional to its LLW disposal, apportioning even generic costs on the basis of output seems to make sense—not only as to classes but also as to individual licensees. Finally, assuming that the Commission calculated each class's quantity of LLW waste from data supplied by each licensee (as seems necessarily true), it is hard to see any administrative problem with apportioning the fees within the class on the basis of output; the data are available and the required computations would be rudimentary.

In applying the balancing of *International Union* and like cases, we here give little weight to the possibility that the Commission could pull a reasonable explanation out of the hat. Nonetheless, vacating the intra-class apportionment of LLW costs would give licensees a peculiar windfall; even ones that *benefitted* from the Commission's choice would

presumably be entitled to a refund, and, under *Georgetown University Hospital*, the LLW costs could be recovered from no one. To be sure, the costs are not great, absolutely or as a proportion of the Commission's $465 million budget for FY 1991—$3.8 million. See 56 Fed. Reg. at 31,486, 31,497. But that alone is hardly a reason to create such a windfall. Accordingly, we refrain from vacating the rule. If on remand the Commission concludes that the apportionment must be in accordance with usage, then those firms whose burden is lower under a new, non-arbitrary, rule should be entitled to refunds of the difference.

If indeed the remand leads to replacement of the per-licensee allocation, and licensees enjoy only refunds for the difference between liability under the old rule and liability under the new (rather than total refunds), it might be argued that such a result allows the new rule to have "retroactive effect", in violation of *Georgetown University Hospital*. See 488 U.S. at 208. There is, plainly, some retroactive effect. The effect, however, is only to define that aspect of the old rule that must be *cut away* as legally excessive. We do not read *Georgetown* as barring so limited a retroactive impact.

IV

Finally, Combustion Engineering challenges the Commission's decision to allocate OBRA fees equally to each low enriched uranium ("LEU") manufacturing *license* instead of dividing the fees equally among the LEU manufacturing *licensees*. Combustion owns and operates two LEU facilities, each separately licensed, and Combustion asserts that in the aggregate the two are operationally equivalent to the single-plant, single-license, facilities of the other LEU manufacturers. At oral argument Combustion explained that it has two licenses for the facilities only because of historical chance; it bought a company with a separate license almost 20 years ago and until the Commission implemented the current OBRA fee schedule there has never been any reason to consolidate the licenses. As before, the Commission disputes none of these contentions.

Combustion attacks both the regulation imposing the "equal fee per license" rule and the Commission's denial of an exemption. Both claims rest ultimately on the 1990 OBRA's direction that fees must be apportioned "fairly and equitably" and that "[t]o the maximum extent practicable, . . . charges shall have a reasonable relationship to the cost of providing regulatory services." Pub. L. No. 101-508, § 6101(c)(3) (codified at 42 U.S.C. § 2214(c)(3)). Although we find the first claim unconvincing, we agree that the Commission has not justified its refusal to give the requested exemption.

The argument that the "equal fee per license" rule is "[un]fair and [in]equitabl[e]" is persuasive only on the ground that the rule produced troubling results when applied to Combustion's circumstances—which Combustion itself asserts are unusual. We see no reason for requiring the Commission to attend to that rather rare situation in the rule itself, cf. *NLRB v. Bell Aerospace Co.*, 416 U.S. 267 (1974), especially as the generic rule allowed (generically) for exemption.[4]

Combustion's exemption argument, however, has merit. The Commission's own criteria call for an exemption if the licensee can show that "the assessment of the annual fee w[ould] result in a significantly disproportionate allocation of costs to the licensee." 10 CFR § 171.11(d). The double assessment against Combustion's two licenses increased its OBRA fees by $836,500. Against this, the Commission is able to point to almost nothing by way of greater costs. Speaking to the issue in unusually murky, discursive language, the NRC in substance could point to only two additional burdens—the need to mail an extra copy of certain NRC publications to the second facility and the need for two different NRC regional offices to monitor and respond to allegations

[4] Insofar as Combustion argues, in parallel with Allied, that § 6101(c)(3) of OBRA generally requires intra-group apportionment on the basis of factors such as the amount of attention a licensee requires, the competitive position of the licensee, and the safety risks posed by the licensee's activities, we reject it for the reasons stated as to Allied.

about the two plants. See NRC Denial of Combustion Exemption Request at 5–6.

The double burden for Combustion, measured against *de minimis* additional burdens for the Commission, amply overcomes the hurdle established by 10 CFR § 171.11(d).[5] Thus the exemption denial is arbitrary and capricious. We therefore direct the Commission to grant an exemption for Combustion on the additional fees collected as a result of the double-licensing of its operation.[6]

* * *

We remand the case to the Commission for a reasoned and coherent treatment of (1) licensees' claims for special treatment on the basis of inability to pass the burden of the fees through to customers and (2) the method of apportioning generic LLW disposal costs among materials licensees. In addition, we direct the Commission to grant an exemption to Combustion for the generic fees attributable to the double-licensing of its LEU operation.

So ordered.

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[5] 10 CFR § 171.11(d) also contains two other factors that the Commission shall consider when evaluating an exemption request. Although parts of § 171.11(d) are ambiguous regarding whether an applicant must fulfill all, or only one, of the factors, the fact that an applicant could not "fulfill" the criterion listed in § 171.11(d)(3)—"[a]ny other relevant matter that the licensee believes shows that the annual fee was not based on a fair and equitable allocation of NRC costs"—reveals that the "factors" should not be read as conjunctive requirements. The factors instead seem to be best understood as independent considerations which can support an exemption.

[6] We are not required to address Allied's fee exemption request because of our previous disposition of Allied's other claims. The aspects of Allied's request dealing with passthrough ability and LLW fees are almost certain to stand or fall along with the remanded claims; and the aspect claiming that OBRA requires licensee-specific calibration of fees fails.