

FY 2001 Fee Recovery

FINAL RULE

10 CFR 170 and 171

Workpapers

NRC Budgeted Costs (FY 2001)

Part 171 Annual Fees

- Operating Power Reactor Fees
- Spent Fuel Storage/Reactor Decommissioning Fees
- Nonpower Reactor Fees
- Fuel Facilities Fees
- Uranium Recovery Fees
- Rare Earth Facility Fees
- Transportation Fees
- Materials Annual Fees

Part 170 Fees

- Licensing Fees
- Export and Import Fees
- Reciprocity Fees--Agreement State Licensees
- General License Registration Fees

Determination of Hourly Rate

Estimated Collections

Regulatory Flexibility Analysis

Small Entity Compliance Guide

Budget Authority (FY 2001)

OBRA-90, as amended

Court Decision 1993

Part 171 Annual Fees
FY 2001
(\$ in Millions)

| | |
|---------------|---|
| \$487.3 | NRC Budget Authority |
| -21.6 | Appropriated from Nuclear Waste Fund |
| <u>-3.2</u> | Appropriated from General Fund |
| \$462.5 | |
| <u>X.98</u> | Fee Recovery Rate for FY 2001 |
| \$453.3 | Total Amount to be Recovered For FY 2001 |
| <u>-3.1</u> | Carryover from FY 2000 |
| \$450.2 | Amount to be Recovered Through Fees and Other Receipts |
| <u>-118.2</u> | Estimated amount to be recovered through Part 170 fees and other receipts |
| \$332.0 | Estimated amount to be recovered through Part 171 annual fees |
| <u>-.4</u> | Part 171 billing adjustments |
| \$331.6 | Adjusted Part 171 annual fee collections required |

FY 2001 DIRECT RESOURCES

| | TOTAL | | POWER REACTORS | | SPENT FUEL STORAGE/ REACTOR DECOMM. | | NON-POWER REACTORS | | FUEL FACILITY | | MATERIALS | | TRANSPORTATION | | RARE EARTH FACILITIES | | URANIUM RECOVERY | | OTHER APPLICANTS | | INCLUDED IN SURCHARGE | |
|-------------------------------------|---------|--------|----------------|-------|--|-------|-----------------------|-----|---------------|------|-----------|------|----------------|------|--------------------------|--------|------------------|------|------------------|-----|--------------------------|-------|
| | \$,K | FTE | \$,K | FTE | \$,K | FTE | \$,K | FTE | \$,K | FTE | \$,K | FTE | \$,K | FTE | \$,K | FTE | \$,K | FTE | \$,K | FTE | \$,K | FTE |
| | | | | | | | | | | | | | | | | | | | | | | |
| NUCLEAR REACTOR SAFETY | 63,286 | 1,424 | 54,626 | 966 | 218 | 3 | 50 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 448 | 9 |
| NUCLEAR MATERIALS SAFETY | 11,591 | 374 | 1,084 | 6 | 725 | 12 | 40 | 0 | 1,994 | 70 | 1,179 | 67 | 149 | 7 | 0 | 2 | 224 | 14 | 0 | 0 | 4,001 | 79 |
| NUCLEAR WASTE SAFETY | 15,193 | 206 | 0 | 0 | 9,106 | 91 | 0 | 0 | 655 | 4 | 529 | 10 | 366 | 10 | 65 | 1 | 17 | 0 | 0 | 0 | 3,763 | 32 |
| INTERNAT'L NUCLEAR SAFETY & SUPPORT | 623 | 32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 157 | 20 | |
| MANAGEMENT AND SUPPORT | 84,159 | 614 | 101 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 2 | |
| INSPECTOR GENERAL | 1,230 | 44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| SUBTOTAL - FEE BASE RESOURCE | 176,082 | 2694.0 | 55,811.2 | 990.0 | 10,049.8 | 106.7 | 90.2 | 1.0 | 2,649.1 | 73.7 | 1,708.2 | 77.3 | 514.9 | 16.2 | 65.0 | 2.9200 | 240.7 | 14.3 | 0.0 | 1.5 | 8,401.9 | 141.3 |

| | | | | | | | | | | |
|---|----------|-------|-------|-------|-------|-------|--------|--------|-------|------|
| FY 2001 FEE AMOUNTS | 320.1 | 37.3 | 0.4 | 21.5 | 21.5 | 4.7 | 0.8112 | 3.9 | 0.371 | 52.0 |
| LESS PART 170 FEES | 96.8 | 9.1 | 0.1 | 6.5 | 0.4 | 1.3 | 0.8080 | 2.8 | 0.371 | |
| PART 171 ANNUAL FEES | 223.3 | 28.2 | 0.3 | 15.0 | 21.1 | 3.4 | 0.0 | 1.1 | (0.0) | |
| % OF BUDGET (EXCL. SURCHARGE, OTHER APPL. & SMALL ENTITY) | 79.13% | 9.23% | 0.09% | 5.31% | 3.92% | 1.15% | 0.20% | 0.96% | N/A | |
| Surcharge (Including small entity) | 38.16388 | 4.3 | 0.0 | 2.6 | 2.1 | 0.5 | 0.1 | 0.4 | N/A | |
| Part 171 billing adjustments | (2.8) | (0.3) | (0.0) | (0.2) | (0.1) | (0.0) | (0.0) | (0.03) | N/A | |
| TOTAL FY 2001 ANNUAL FEE | 258.7 | 32.2 | 0.3 | 17.4 | 23.1 | 3.9 | 0.0896 | 1.5 | (0.0) | |

FTE RATES

REACTOR PROGRAM = 266,997

MATERIALS PROGRAM = 255,563

SURCHARGE= 308,362

\$,M

SMALL ENTITY SUBSIDY = 5.6

Total Surcharge (Reflects 2% off the fee base) 48.3

TOTAL PART 171 BILLING ADJUSTMENTS

\$,K

Est. Unpaid FY 2001 Part 171 Bills 3.20

Est. Payments From Prior Year Part 171 Bills (3.65)

Adjustment for add'l FY 2000 collections (3.10)

Total (3.55)

**OPERATING POWER REACTOR
ANNUAL FEE - FY 2001 FINAL RULE**

NUMBER OF LICENSED OPERATING POWER REACTORS

| | |
|------------------------|----------|
| Westinghouse | 48 |
| General Electric | 35 |
| Combustion Engineering | 14 |
| Babcock & Wilcox | <u>7</u> |
| TOTAL REACTORS | 104 |

DETERMINATION OF ANNUAL FEE:

| | |
|--|-------------------|
| TOTAL BUDGETED COSTS FOR OPERATING POWER REACTORS (INCLUDES SURCHARGE) | \$258,686,327 |
| ANNUAL FEE PER REACTOR (rounded) (BUDGETED COSTS DIVIDED BY 104 OPERATING POWER REACTORS) | \$2,487,000 |
| PLUS SPENT FUEL STORAGE/ REACTOR DECOMMISSIONING ANNUAL FEE | \$266,000 |
| TOTAL ANNUAL FEE PER LICENSE | <hr/> \$2,753,000 |

SEE BUDGET AUTHORITY TAB
FOR ALLOCATION OF BUDGET TO
EACH LICENSEE CLASS

SURCHARGE - FY 2001

SURCHARGE RATE: \$308,362

| | DIRECT RESOURCES | | FEE AMOUNT |
|--|------------------|--------------|-------------|
| | \$,K | FTE | (\$,M) |
| TOTAL NRC | | | |
| FEDERAL AGENCY EXEMPTION | 315 | 12 | 3.9 |
| NONPROFIT EDUCATIONAL EXEMPTION | 1,405 | 22 | 8.1 |
| INTERNATIONAL ACTIVITIES | 157 | 19 | 6.0 |
| SMALL ENTITY SUBSIDY | 0 | 0 | 5.6 |
| AGREEMENT STATE OVERSIGHT | 349 | 22 | 7.1 |
| REGULATORY SUPPORT TO AGREEMENT STATES | 2,136 | 40 | 14.4 |
| SDMP | 2,995 | 14 | 7.3 |
| DECOMMISSIONING/RECLAMATION GENERIC | 891 | 8 | 3.4 |
| LLW GENERIC | 154 | 5 | 1.7 |
| TOTAL | 8,402 | 141.3 | 57.6 |

To meet the 98% fee recovery requirement for FY 2001, the Surcharge is reduced by 2% of NRC's FY 2001 budget authority, minus the NWF and the General Fund, as shown below:

| | (\$,M) |
|--|-------------|
| Total Surcharge amount less generic LLW (see note) | 55.9 |
| Budget Authority minus NWF & Gen Fund | 462.5 |
| Percent reduction in fee recovery amount for FY 2001 | 2.0% |
| Reduction in annual fee recovery amount for FY 2001 | 9.3 |
| Surcharge, excluding LLW, less reduction in annual fee recovery amount | 46.6 |
| Generic LLW amount | 1.7 |
| Total surcharge to be assessed | 48.3 |

NOTE: Generic LLW activities are not considered a fairness and equity issue because licensees will benefit from these activities

| DISTRIBUTION OF SURCHARGE COSTS | | | | | |
|--|------------|-------------------|-------------|-----------------|--|
| LLW SURCHARGE | | NON-LLW SURCHARGE | | TOTAL SURCHARGE | |
| PERCENT | \$,M | PERCENT | \$,M | \$,M | |
| POWER REACTORS | 74% | 79.1% | 36.9 | 38.2 | |
| SPENT FUEL STORAGE/REACTOR DECOMMISSIONING | --- | 9.2% | 4.3 | 4.3 | |
| NON-POWER REACTORS | --- | 0.1% | 0.0 | 0.0 | |
| FUEL FACILITIES | 8% | 5.3% | 2.5 | 2.6 | |
| MATERIALS | 18% | 3.9% | 1.8 | 2.1 | |
| TRANSPORTATION | --- | 1.2% | 0.5 | 0.5 | |
| RARE EARTH FACILITIES | --- | 0.2% | 0.1 | 0.1 | |
| URANIUM RECOVERY | --- | 1.0% | 0.4 | 0.4 | |
| TOTAL | 100 | 100.0% | 46.6 | 48.3 | |

SEE BUDGET AUTHORITY TAB
FOR BUDGETED SURCHARGE COSTS

1

**SPENT FUEL STORAGE/REACTOR DECOMMISSIONING
ANNUAL FEE
FY 2001**

LICENSES SUBJECT TO THE ANNUAL FEE:

Operating Power Reactor Licensees

104

Power Reactors in Decommissioning or Possession Only Status with Fuel Onsite

| <u>Reactor</u> | <u>Docket No.</u> |
|----------------------|-------------------|
| Big Rock Point | 50-155 |
| Indian Point, Unit 1 | 50-003 |
| Dresden, Unit 1 | 50-010 |
| Haddam Neck | 50-213 |
| Humboldt | 50-133 |
| La Crosse | 50-409 |
| Maine Yankee | 50-309 |
| Millstone 1 | 50-245 |
| Rancho Seco | 50-312 |
| San Onofre, Unit 1 | 50-206 |
| Trojan | 50-344 |
| Yankee Rowe | 50-029 |
| Zion 1 | 50-295 |
| Zion 2 | 50-304 |

Total No. of Reactors in decommissioning or possession only status
with fuel onsite: 14

Part 72 Licensees without a Part 50 License

| | |
|---|--------|
| Ft. St. Vrain | 72-009 |
| GE Morris | 72-001 |
| Department of Energy, Idaho Ops. Office | 72-020 |

Total Part 72 licenses: 3

DETERMINATION OF THE FY 2001 ANNUAL FEE:

The FY 2001 annual fee is determined by dividing the total budgeted costs of \$32,205,954 (including the surcharge) by the total number of licensees (121). This results in an annual fee (rounded) of \$266,000 per license.

SEE BUDGET AUTHORITY TAB
FOR ALLOCATION OF BUDGET TO
EACH LICENSEE CLASS

SURCHARGE - FY 2001

SURCHARGE RATE: \$308,362

| | DIRECT RESOURCES | | FEE AMOUNT |
|--|------------------|--------------|-------------|
| | ,\$K | FTE | (\$,M) |
| TOTAL NRC | | | |
| FEDERAL AGENCY EXEMPTION | 315 | 12 | 3.9 |
| NONPROFIT EDUCATIONAL EXEMPTION | 1,405 | 22 | 8.1 |
| INTERNATIONAL ACTIVITIES | 157 | 19 | 6.0 |
| SMALL ENTITY SUBSIDY | 0 | 0 | 5.6 |
| AGREEMENT STATE OVERSIGHT | 349 | 22 | 7.1 |
| REGULATORY SUPPORT TO AGREEMENT STATES | 2,136 | 40 | 14.4 |
| SDMP | 2,995 | 14 | 7.3 |
| DECOMMISSIONING/RECLAMATION GENERIC | 891 | 8 | 3.4 |
| LLW GENERIC | 154 | 5 | 1.7 |
| TOTAL | 8,402 | 141.3 | 57.6 |

To meet the 98% fee recovery requirement for FY 2001, the Surcharge is reduced by 2% of NRC's FY 2001 budget authority, minus the NWF and the General Fund, as shown below:

| | |
|--|-------------|
| | (\$,M) |
| Total Surcharge amount less generic LLW (see note) | 55.9 |
| Budget Authority minus NWF & Gen Fund | 462.5 |
| Percent reduction in fee recovery amount for FY 2001 | 2.0% |
| Reduction in annual fee recovery amount for FY 2001 | 9.3 |
| Surcharge, excluding LLW, less reduction in annual fee recovery amount | 46.6 |
| Generic LLW amount | 1.7 |
| Total surcharge to be assessed | 48.3 |

NOTE: Generic LLW activities are not considered a fairness and equity issue because licensees will benefit from these activities

| DISTRIBUTION OF SURCHARGE COSTS | | | | | |
|--|------------|------------|-------------------|-------------|-----------------|
| LLW SURCHARGE | | | NON-LLW SURCHARGE | | TOTAL SURCHARGE |
| PERCENT | ,\$M | | PERCENT | ,\$M | ,\$M |
| POWER REACTORS | 74% | 1.3 | 79.1% | 36.9 | 38.2 |
| SPENT FUEL STORAGE/REACTOR DECOMMISSIONING | --- | --- | 9.2% | 4.3 | 4.3 |
| NON-POWER REACTORS | --- | --- | 0.1% | 0.0 | 0.0 |
| FUEL FACILITIES | 8% | 0.1 | 5.3% | 2.5 | 2.6 |
| MATERIALS | 18% | 0.3 | 3.9% | 1.8 | 2.1 |
| TRANSPORTATION | --- | --- | 1.2% | 0.5 | 0.5 |
| RARE EARTH FACILITIES | --- | --- | 0.2% | 0.1 | 0.1 |
| URANIUM RECOVERY | --- | --- | 1.0% | 0.4 | 0.4 |
| TOTAL | 100 | 1.7 | 100.0% | 46.6 | 48.3 |

SEE BUDGET AUTHORITY TAB
FOR BUDGETED SURCHARGE COSTS

FY 2001 DIRECT RESOURCES

| | TOTAL | | POWER REACTORS | | SPENT FUEL STORAGE/ REACTOR DECOMM. | | NON-POWER REACTORS | | FUEL FACILITY | | MATERIALS | | TRANSPORTATION | | RARE EARTH FACILITIES | | URANIUM RECOVERY | | OTHER APPLICANTS | | INCLUDED IN SURCHARGE | |
|-------------------------------------|---------|--------|----------------|-------|--|-------|-----------------------|-----|---------------|------|-----------|------|----------------|------|--------------------------|--------|------------------|------|------------------|-----|--------------------------|-------|
| | \$.K | FTE | \$.K | FTE | \$.K | FTE | \$.K | FTE | \$.K | FTE | \$.K | FTE | \$.K | FTE | \$.K | FTE | \$.K | FTE | \$.K | FTE | \$.K | FTE |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| NUCLEAR REACTOR SAFETY | 63,286 | 1,424 | 54,626 | 966 | 218 | 3 | 50 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 448 | 9 |
| NUCLEAR MATERIALS SAFETY | 11,591 | 374 | 1,084 | 6 | 725 | 12 | 40 | 0 | 1,994 | 70 | 1,179 | 67 | 149 | 7 | 0 | 2 | 224 | 14 | 0 | 0 | 4,001 | 79 |
| NUCLEAR WASTE SAFETY | 15,193 | 206 | 0 | 0 | 9,106 | 91 | 0 | 0 | 655 | 4 | 529 | 10 | 368 | 10 | 65 | 1 | 17 | 0 | 0 | 0 | 3,763 | 32 |
| INTERNAT'L NUCLEAR SAFETY & SUPPORT | 623 | 32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 157 | 20 |
| MANAGEMENT AND SUPPORT | 84,159 | 614 | 101 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 2 |
| INSPECTOR GENERAL | 1,230 | 44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SUBTOTAL - FEE BASE RESOURCE | 176,082 | 2694.0 | 55,811.2 | 990.0 | 10,049.8 | 106.7 | 90.2 | 1.0 | 2,649.1 | 73.7 | 1,708.2 | 77.3 | 514.9 | 16.2 | 65.0 | 2.9200 | 240.7 | 14.3 | 0.0 | 1.5 | 8,401.9 | 141.3 |

| | | | | | | | | | | | |
|---|--|----------|-------|-------|-------|-------|-------|--------|--------|-------|------|
| FY 2001 FEE AMOUNTS | | 320.1 | 37.3 | 0.4 | 21.5 | 21.5 | 4.7 | 0.8112 | 3.9 | 0.371 | 52.0 |
| LESS PART 170 FEES | | 96.8 | 9.1 | 0.1 | 6.5 | 0.4 | 1.3 | 0.8080 | 2.8 | 0.371 | |
| | | = | = | = | = | = | = | = | = | = | |
| PART 171 ANNUAL FEES | | 223.3 | 28.2 | 0.3 | 15.0 | 21.1 | 3.4 | 0.0 | 1.1 | (0.0) | |
| % OF BUDGET (EXCL. SURCHARGE, OTHER APPL. & SMALL ENTITY) | | 79.13% | 9.23% | 0.09% | 5.31% | 3.92% | 1.15% | 0.20% | 0.96% | N/A | |
| Surcharge (including small entity) | | 38.16388 | 4.3 | 0.0 | 2.6 | 2.1 | 0.5 | 0.1 | 0.4 | N/A | |
| Part 171 billing adjustments | | (2.8) | (0.3) | (0.0) | (0.2) | (0.1) | (0.0) | (0.0) | (0.03) | N/A | |
| TOTAL FY 2001 ANNUAL FEE | | 258.7 | 32.2 | 0.3 | 17.4 | 23.1 | 3.9 | 0.0896 | 1.5 | (0.0) | |

| | |
|--|---------|
| FTE RATES | |
| REACTOR PROGRAM = | 266,997 |
| MATERIALS PROGRAM = | 255,563 |
| SURCHARGE= | 308,362 |
| \$,M | |
| SMALL ENTITY SUBSIDY = | 5.6 |
| Total Surcharge (Reflects 2% off the fee base) | 48.3 |
| \$,K | |
| TOTAL PART 171 BILLING ADJUSTMENTS | |
| Est. Unpaid FY 2001 Part 171 Bills | 3.20 |
| Est. Payments From Prior Year Part 171 Bills | (3.65) |
| Adjustment for add'l FY 2000 collections | (3.10) |
| ===== | |
| Total | (3.55) |

NONPOWER REACTOR ANNUAL FEE

FY 2001 FEE RULE

DETERMINATION OF THE FY 2001 ANNUAL FEE:

NONPOWER REACTORS SUBJECT TO ANNUAL FEES¹

| | | |
|--------------------------------|-------|--------|
| 1. Dow Chemical - TRIGA MARK I | R-108 | 50-264 |
| 2. AEROTEST | R-98 | 50-228 |
| 3. GE, NTR | R-33 | 50-73 |
| 4. NIST | TR-5 | 50-184 |

DETERMINATION OF ANNUAL FEE

BUDGETED COSTS \$296,000

ANNUAL FEE PER LICENSE \$74,000

(Budgeted costs divided by number
of nonpower reactor licensees subject
to annual fee)

¹Does not include License R-38 (TRIGA MARK I), Docket No. 50-89, issued to General Atomics. License R-38 was amended in 1997 to authorize possession only.

SEE BUDGET AUTHORITY TAB
FOR ALLOCATION OF BUDGET TO
EACH LICENSEE CLASS

FY 2001 DIRECT RESOURCES

| | TOTAL | | POWER REACTORS | | SPENT FUEL STORAGE/ REACTOR DECOMM. | | NON-POWER REACTORS | | FUEL FACILITY | | MATERIALS | | TRANSPORTATION | | RARE EARTH FACILITIES | | URANIUM RECOVERY | | OTHER APPLICANTS | | INCLUDED IN SURCHARGE | |
|-------------------------------------|---------|--------|----------------|-------|--|-------|-----------------------|-----|---------------|------|-----------|------|----------------|------|--------------------------|--------|------------------|------|------------------|-----|--------------------------|-------|
| | \$,K | FTE | \$,K | FTE | \$,K | FTE | \$,K | FTE | \$,K | FTE | \$,K | FTE | \$,K | FTE | \$,K | FTE | \$,K | FTE | \$,K | FTE | \$,K | FTE |
| NUCLEAR REACTOR SAFETY | 63,286 | 1,424 | 54,626 | 966 | 218 | 3 | 50 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 448 | 9 |
| NUCLEAR MATERIALS SAFETY | 11,591 | 374 | 1,084 | 6 | 725 | 12 | 40 | 0 | 1,994 | 70 | 0 | 0 | 0 | 0 | 0 | 2 | 224 | 14 | 0 | 0 | 4,001 | 79 |
| NUCLEAR WASTE SAFETY | 15,193 | 206 | 0 | 0 | 9,106 | 91 | 0 | 0 | 655 | 4 | 529 | 10 | 366 | 10 | 65 | 1 | 17 | 0 | 0 | 0 | 3,763 | 32 |
| INTERNAT'L NUCLEAR SAFETY & SUPPORT | 623 | 32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 157 | 20 |
| MANAGEMENT AND SUPPORT | 84,159 | 614 | 101 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 2 |
| INSPECTOR GENERAL | 1,230 | 44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SUBTOTAL - FEE BASE RESOURCE | 176,082 | 2694.0 | 55,811.2 | 990.0 | 10,049.8 | 106.7 | 90.2 | 1.0 | 2,649.1 | 73.7 | 1,708.2 | 77.3 | 514.9 | 16.2 | 65.0 | 2.9200 | 240.7 | 14.3 | 0.0 | 1.5 | 8,401.9 | 141.3 |
| ===== | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | |
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| PART 171 ANNUAL FEES | | = | | = | | = | | = | | = | | = | | = | | = | | = | | | |
| | | 223.3 | | 28.2 | | 0.3 | | 15.0 | | 21.1 | | 3.4 | | 0.0 | | 1.1 | | (0.0) | | | |
| % OF BUDGET (EXCL. SURCHARGE, OTHER APPL. & SMALL ENTITY) | | 79.13% | | 9.23% | | 0.09% | | 5.31% | | 3.92% | | 1.15% | | 0.20% | | 0.96% | | N/A | | | |
| Surcharge (Including small entity) | | 38.16388 | | 4.3 | | 0.0 | | 2.6 | | 2.1 | | 0.5 | | 0.1 | | 0.4 | | N/A | | | |
| Part 171 billing adjustments | | (2.8) | | (0.3) | | (0.0) | | (0.2) | | (0.1) | | (0.0) | | (0.0) | | (0.03) | | N/A | | | |
| TOTAL FY 2001 ANNUAL FEE | | 258.7 | | 32.2 | | 0.3 | | 17.4 | | 23.1 | | 3.9 | | 0.0896 | | 1.5 | | (0.0) | | | |

FTE RATES
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MATERIALS PROGRAM = 255,563
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SMALL ENTITY SUBSIDY = 5.6
Total Surcharge (Reflects 2% off the fee base) 48.3

TOTAL PART 171 BILLING ADJUSTMENTS \$,K
Est. Unpaid FY 2001 Part 171 Bills 3.20
Est. Payments From Prior Year Part 171 Bills (3.65)
Adjustment for add'l FY 2000 collections (3.10)
=====

Total (3.55)

FUEL FACILITY ANNUAL FEES
FY 2001

Part 171 Amount \$14,981,220
Less Billing Adjustment (188,505)
TOTAL \$14,792,715

| | <u>SAFETY</u> | <u>SAFEGUARDS</u> | <u>TOTAL</u> | <u>SURCHARGE</u> | <u>TOTAL ANNUAL FEE</u> |
|--|---------------|-------------------|--------------|------------------|-------------------------|
| Allocation of Part 171 Amount to Safety/Safeguards | \$9,813,704 | \$4,979,012 | \$14,792,715 | \$2,612,774 | \$17,405,490 |

EFFORT FACTORS

| <u>FEE CATEGORY</u> | <u>NUMBER OF LICENSES</u> | <u>Safety</u> | <u>%</u> | <u>Safeguards</u> | <u>%</u> | <u>Total</u> | <u>%</u> |
|-----------------------------|---------------------------|---------------|----------|-------------------|----------|--------------|----------|
| 1A(1)(a) SSNM (HEU) | 2 | 91 | 33.5% | 76 | 55.1% | 167 | 40.7% |
| 1E ENRICHMENT | 2 | 70 | 25.7% | 34 | 24.6% | 104 | 25.4% |
| 1A(1)(b) SNM (LEU) | 4 | 85 | 31.3% | 23 | 16.7% | 108 | 26.3% |
| 1A(2)(a) LIMITED OPERATIONS | 1 | 8 | 2.9% | 3 | 2.2% | 11 | 2.7% |
| 2A(1) UF6 CONVERSION | 1 | 12 | 4.4% | 0 | 0.0% | 12 | 2.9% |
| 1A(2)(b) OTHER (b) | 1 | 6 | 2.2% | 2 | 1.4% | 8 | 2.0% |
| | ===== | ===== | | ===== | | ===== | |
| TOTAL | 11 | 272 | 100.0% | 138 | 100% | 410 | 100% |
| | | 66.3% | | 33.7% | | | |

% of total

1/Reflects cessation of certain activities and downgrade request filed by Westinghouse (SNM-33) prior to 3/31/01

ALLOCATION to CATEGORY

| <u>Fee Category</u> | <u>(1)</u> | <u>(2)</u> | <u>(3)</u> | <u>(4)</u> | <u>(5) TOTAL ANNUAL FEE PER LICENSE</u> | <u>FY 2001 Annual Fee Rounded</u> |
|-----------------------------|------------|-------------|-------------|--------------|---|-----------------------------------|
| 1A(1)(a) SSNM (HEU) | 2 | \$3,283,261 | \$2,742,064 | \$6,025,326 | \$1,064,228 | \$3,544,777 |
| 1E ENRICHMENT | 2 | 2,525,586 | 1,226,713 | 3,752,299 | \$662,752 | \$2,207,525 |
| 1A(1)(b) SNM (LEU) | 4 | 3,066,782 | 829,835 | 3,896,618 | \$688,243 | \$1,146,215 |
| 1A(2)(a) LIMITED OPERATIONS | 1 | 288,638 | 108,239 | 396,878 | \$70,099 | \$466,977 |
| 2A(1) UF6 CONVERSION | 1 | 432,958 | 0 | 432,958 | \$76,471 | \$509,429 |
| 1A(2)(b) OTHER (b) | 1 | 216,479 | 72,160 | 288,638 | \$50,981 | \$339,619 |
| | ===== | ===== | ===== | ===== | ===== | |
| TOTAL | 11 | \$9,813,704 | \$4,979,012 | \$14,792,715 | \$2,612,774 | \$3,545,000 |
| | | | | | | \$2,208,000 |
| | | | | | | \$1,146,000 |
| | | | | | | \$467,000 |
| | | | | | | \$509,000 |
| | | | | | | \$340,000 |

Cols 1 and 2=budgeted amounts x percent of total effort factor

Col 3 = Col 1 + Col 2

Col 4 = Total surcharge x percent of total effort factor

Col 5 = Col 3 + Col 4 / number of licensees

**NRC Fuel Cycle Regulatory Program
Effort/Fee Determination**

| CATEGORY | LICENSEE | PROCESS | | | | | | | | | | | | | | | | | | | | |
|------------|--|-----------------|----|-----------|----|------------|----|---------------|----|------------------|----|--------|----|-------------|----|--------------|----|----------|----|---------------|----|-------|
| | | Solid UF6/Metal | | Enrichmnt | | Liquid UF6 | | HEU Dwn Blend | | Convrnsn/ Powder | | Pellet | | Rod/ Bundle | | Scrap/ Waste | | Hot Cell | | Effort Factor | | |
| | | S | SG | S | SG | S | SG | S | SG | S | SG | S | SG | S | SG | S | SG | S | SG | S | SG | Total |
| SSNM | BWX Tech (SNM-42) | 10 | 10 | 0 | 0 | 0 | 0 | 10 | 10 | 5 | 5 | 10 | 5 | 5 | 5 | 10 | 5 | 1 | 1 | 51 | 41 | 92 |
| | NFS (SNM-124) | 5 | 5 | 0 | 0 | 0 | 0 | 5 | 5 | 10 | 10 | 10 | 5 | 0 | 0 | 10 | 10 | 0 | 0 | 40 | 35 | 75 |
| ENRICHMENT | USEC Paducah (GDP-1) | 10 | 1 | 10 | 10 | 10 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 35 | 17 | 52 |
| | USEC Portsmouth (GDP-2) | 10 | 1 | 10 | 10 | 10 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 0 | 35 | 17 | 52 |
| SNM | Westinghouse Electric Co. LLC (SNM-33) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 1 | 5 | 1 | 1 | 1 | 5 | 1 | 0 | 0 | 16 | 4 | 20 |
| | Global Nuclear (SNM-1097) | 5 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 5 | 1 | 5 | 1 | 1 | 1 | 5 | 1 | 0 | 0 | 22 | 6 | 28 |
| | Framatome ANP Richland (SNM-1227) | 5 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 5 | 1 | 5 | 1 | 1 | 1 | 5 | 1 | 0 | 0 | 22 | 6 | 28 |
| | Westinghouse (SNM-1107) | 5 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 5 | 1 | 5 | 1 | 1 | 1 | 5 | 1 | 0 | 0 | 22 | 6 | 28 |
| Other (a) | Framatome ANP Lynchburg (SNM-1168) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 5 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 8 | 3 | 11 |
| | Honeywell (SUB-526) | 5 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 12 | 0 | 12 |
| Other (b) | GE Vallecitos (SNM-960) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 1 | 1 | 1 | 6 | 2 | 8 |

269 137 406

S = Safety

SG = Safeguards

Regulatory Effort Scale:

| | |
|------------|----|
| High = | 10 |
| Moderate = | 5 |
| Low = | 1 |
| None = | 0 |

1/ Prorated for FY2001 Final Fee Rule to 19 for Safety and 5 for Safeguards (24 Total), based on March 2001 notification that the licensee permanently ceased certain licensed activities prior to March 31, 2001.

25-May-01

FY 2001
FUEL FACILITY LICENSES

| <u>FEE CATEGORY</u> | <u>FACILITY</u> | <u>DOCKET #</u> | <u>LICENSE #</u> |
|---------------------|--|-----------------|------------------|
| <u>1A(1)a</u> | <u>Strategic Special Nuclear Material</u> | | |
| | 1. BWX Technologies | 70-27 | SNM-42 |
| | 2. Nuclear Fuel Services | 70-143 | SNM-124 |
| <u>1A(1)(b)</u> | <u>Low Enriched Uranium For Power Reactor Fuel Fabrication</u> | | |
| | 1. Westinghouse Electric LLC | 70-36 | SNM-33 |
| | 2. Global Nuclear Fuel - Americas, LLC | 70-1113 | SNM-1097 |
| | 3. Framatome ANP Richland | 70-1257 | SNM-1227 |
| | 4. Westinghouse Electric - Columbia | 70-1151 | SNM-1107 |
| <u>1A(2)a</u> | <u>Facilities with Limited Operations</u> | | |
| | 1. Framatome Cogema Fuels | 70-1201 | SNM-1168 |
| <u>1A(2)b</u> | <u>Other</u> | | |
| | 1. General Electric - Vallecitos | 70-754 | SNM-960 |
| <u>1E</u> | <u>Uranium Enrichment Facility</u> | | |
| | 1. United States Enrichment Corporation | 70-7001 | GDP-1 |
| | 2. United States Enrichment Corporation | 70-7002 | GDP-2 |
| <u>2A(1)</u> | <u>UF6</u> | | |
| | 1. Honeywell International | 40-3392 | SUB-526 |

SEE BUDGET AUTHORITY TAB
FOR ALLOCATION OF BUDGET TO
EACH LICENSEE CLASS

SURCHARGE - FY 2001

SURCHARGE RATE: \$308,362

| | DIRECT RESOURCES | | FEE AMOUNT |
|--|------------------|--------------|-------------|
| | \$,K | FTE | (\$,M) |
| TOTAL NRC | | | |
| FEDERAL AGENCY EXEMPTION | 315 | 12 | 3.9 |
| NONPROFIT EDUCATIONAL EXEMPTION | 1,405 | 22 | 8.1 |
| INTERNATIONAL ACTIVITIES | 157 | 19 | 6.0 |
| SMALL ENTITY SUBSIDY | 0 | 0 | 5.6 |
| AGREEMENT STATE OVERSIGHT | 349 | 22 | 7.1 |
| REGULATORY SUPPORT TO AGREEMENT STATES | 2,136 | 40 | 14.4 |
| SDMP | 2,995 | 14 | 7.3 |
| DECOMMISSIONING/RECLAMATION GENERIC | 891 | 8 | 3.4 |
| LLW GENERIC | 154 | 5 | 1.7 |
| TOTAL | 8,402 | 141.3 | 57.6 |

To meet the 98% fee recovery requirement for FY 2001, the Surcharge is reduced by 2% of NRC's FY 2001 budget authority, minus the NWF and the General Fund, as shown below:

| | |
|--|-------------|
| | (\$,M) |
| Total Surcharge amount less generic LLW (see note) | 55.9 |
| Budget Authority minus NWF & Gen Fund | 462.5 |
| Percent reduction in fee recovery amount for FY 2001 | 2.0% |
| Reduction in annual fee recovery amount for FY 2001 | 9.3 |
| Surcharge, excluding LLW, less reduction in annual fee recovery amount | 46.6 |
| Generic LLW amount | 1.7 |
| Total surcharge to be assessed | 48.3 |

NOTE: Generic LLW activities are not considered a fairness and equity issue because licensees will benefit from these activities

| DISTRIBUTION OF SURCHARGE COSTS | | | | | |
|--|---------------|------------|-------------------|-------------|-----------------|
| | LLW SURCHARGE | | NON-LLW SURCHARGE | | TOTAL SURCHARGE |
| | PERCENT | \$,M | PERCENT | \$,M | \$,M |
| POWER REACTORS | 74% | 1.3 | 79.1% | 36.9 | 38.2 |
| SPENT FUEL STORAGE/REACTOR DECOMMISSIONING | --- | --- | 9.2% | 4.3 | 4.3 |
| NON-POWER REACTORS | --- | --- | 0.1% | 0.0 | 0.0 |
| FUEL FACILITIES | 8% | 0.1 | 5.3% | 2.5 | 2.6 |
| MATERIALS | 18% | 0.3 | 3.9% | 1.8 | 2.1 |
| TRANSPORTATION | --- | --- | 1.2% | 0.5 | 0.5 |
| RARE EARTH FACILITIES | --- | --- | 0.2% | 0.1 | 0.1 |
| URANIUM RECOVERY | --- | --- | 1.0% | 0.4 | 0.4 |
| TOTAL | 100 | 1.7 | 100.0% | 46.6 | 48.3 |

SEE BUDGET AUTHORITY TAB
FOR BUDGETED SURCHARGE COSTS

FY 2001 DIRECT RESOURCES

| | TOTAL | | POWER REACTORS | | SPENT FUEL STORAGE/ REACTOR DECOMM. | | NON-POWER REACTORS | | FUEL FACILITY | | MATERIALS | | TRANSPORTATION | | RARE EARTH FACILITIES | | URANIUM RECOVERY | | OTHER APPLICANTS | | INCLUDED IN SURCHARGE | |
|-------------------------------------|---------|--------|----------------|-------|--|-------|-----------------------|-----|---------------|------|-----------|------|----------------|------|--------------------------|--------|------------------|------|------------------|-----|--------------------------|-------|
| | \$,K | FTE | \$,K | FTE | \$,K | FTE | \$,K | FTE | \$,K | FTE | \$,K | FTE | \$,K | FTE | \$,K | FTE | \$,K | FTE | \$,K | FTE | \$,K | FTE |
| NUCLEAR REACTOR SAFETY | 63,286 | 1,424 | 54,626 | 966 | 218 | 3 | 50 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 448 | 9 |
| NUCLEAR MATERIALS SAFETY | 11,591 | 374 | 1,084 | 6 | 725 | 12 | 40 | 0 | 1,994 | 70 | 1,179 | 67 | 149 | 7 | 0 | 2 | 224 | 14 | 0 | 0 | 4,001 | 79 |
| NUCLEAR WASTE SAFETY | 15,193 | 206 | 0 | 0 | 9,106 | 91 | 0 | 0 | 655 | 4 | 529 | 10 | 366 | 10 | 65 | 1 | 17 | 0 | 0 | 0 | 3,763 | 32 |
| INTERNAT'L NUCLEAR SAFETY & SUPPORT | 623 | 32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 157 | 20 |
| MANAGEMENT AND SUPPORT | 84,159 | 614 | 101 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 2 |
| INSPECTOR GENERAL | 1,230 | 44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SUBTOTAL - FEE BASE RESOURCE | 176,082 | 2694.0 | 55,811.2 | 990.0 | 10,049.8 | 106.7 | 90.2 | 1.0 | 2,649.1 | 73.7 | 1,708.2 | 77.3 | 514.9 | 16.2 | 65.0 | 2.9200 | 240.7 | 14.3 | 0.0 | 1.5 | 8,401.9 | 141.3 |

| | | | | | | | | | | |
|---|----------|-------|-------|-------|-------|-------|--------|--------|-------|------|
| FY 2001 FEE AMOUNTS | 320.1 | 37.3 | 0.4 | 21.5 | 21.5 | 4.7 | 0.8112 | 3.9 | 0.371 | 52.0 |
| LESS PART 170 FEES | 96.8 | 9.1 | 0.1 | 6.5 | 0.4 | 1.3 | 0.8080 | 2.8 | 0.371 | |
| PART 171 ANNUAL FEES | = | = | = | = | = | = | = | = | = | |
| | 223.3 | 28.2 | 0.3 | 15.0 | 21.1 | 3.4 | 0.0 | 1.1 | (0.0) | |
| % OF BUDGET (EXCL. SURCHARGE, OTHER APPL. & SMALL ENTITY) | 79.13% | 9.23% | 0.09% | 5.31% | 3.92% | 1.15% | 0.20% | 0.96% | N/A | |
| Surcharge (including small entity) | 38.16388 | 4.3 | 0.0 | 2.6 | 2.1 | 0.5 | 0.1 | 0.4 | N/A | |
| Part 171 billing adjustments | (2.8) | (0.3) | (0.0) | (0.2) | (0.1) | (0.0) | (0.0) | (0.03) | N/A | |
| TOTAL FY 2001 ANNUAL FEE | 258.7 | 32.2 | 0.3 | 17.4 | 23.1 | 3.9 | 0.0896 | 1.5 | (0.0) | |

| | |
|--|---------|
| FTE RATES | |
| REACTOR PROGRAM = | 266,997 |
| MATERIALS PROGRAM = | 255,563 |
| SURCHARGE= | 308,362 |
| \$,M | |
| SMALL ENTITY SUBSIDY = | 5.6 |
| Total Surcharge (Reflects 2% off the fee base) | 48.3 |
| \$,K | |
| TOTAL PART 171 BILLING ADJUSTMENTS | |
| Est. Unpaid FY 2001 Part 171 Bills | 3.20 |
| Est. Payments From Prior Year Part 171 Bills | (3.65) |
| Adjustment for add'l FY 2000 collections | (3.10) |
| ===== | |
| Total | (3.55) |

**URANIUM RECOVERY ANNUAL FEES
FY 2001**

| | |
|--|-----------------------------|
| FY 2001 TOTAL ANNUAL FEE AMOUNT EXCLUDING SURCHARGE: | TOTAL \$1,067,666 |
| TOTAL URANIUM RECOVERY SURCHARGE: | <u>449,723</u> |
| TOTAL | \$1,517,388 |

| Fee Category | FTE | FTE Rate | Total | % of Total Annual Fee Amount | Surcharge | TOTAL DOE UMTRCA \$653,780 | FY 2001 DOE UMTRCA Fee Rounded \$654,000 |
|--|-----|-----------|-----------|------------------------------------|-----------|----------------------------------|---|
| 18.B. DOE UMTRCA Amount (exc. surcharge): | 1.8 | \$255,563 | \$460,013 | 43% | \$193,767 | | |
| | | | ===== | | | | |
| REMAINDER URANIUM RECOVERY (exc. surcharge): | | | \$607,652 | 57% | \$255,955 | TOTAL OTHER \$863,608 | |
| | | | | | | TOTAL \$1,517,388 | |

| Fee Category | (1) Number of Licenses | (2) Category Weight | (4) Total Weight Value | (5) Percent | Total base annual fee | (6) Base | (7) Surcharge | (8) Total | FY 2001 Annual Fee Rounded |
|--|------------------------------|---------------------------|------------------------------|----------------|--------------------------|-------------------------------|------------------|--------------|----------------------------------|
| | | | | | | <u>Annual Fee Per License</u> | | | |
| | | | | | | | | | |
| 2.A.(2)(a) <u>Conventional Mill</u> Operational/Standby | 3 | 770 | 2310 | 33% | \$199,032 | \$66,344 | \$27,946 | \$94,290 | \$94,300 |
| 2.A.(2)(b) <u>Solution Mining</u> Operational/Standby | 6.5 1/ | 645 | 4193 | 59% | \$361,231 | \$55,574 | \$23,409 | \$78,983 | \$79,000 |
| 2.A.(3) <u>11e.2 Waste Disposal</u> Disposal Facilities | 1 | 475 | 475 | 7% | \$40,927 | \$40,927 | \$17,239 | \$58,166 | \$58,200 |
| 2.A.(4) Disposal at POL Sites | 1 | 75 | 75 | 1% | \$6,462 | \$6,462 | \$2,722 | \$9,184 | \$9,200 |
| | ===== | ===== | ===== | ===== | ===== | | | | |
| TOTAL | 11.5 | 1965 | 7053 | 100% | \$607,652 | | | | |

1/Reflects 50% proration for Cogema (SUA-1341) based on 11/10/2000 request for a possession only license.

Col. 5= Col. 4 x Remainder Uranium Recovery Annual Fee Amount
Col. 6= Col. 5 /Number of licensees
Col. 7= Remainder Uranium Recovery Surcharge Amount x Col. 4/Number of licensees
Col. 8= Col. 6 + Col. 7

FY 2001
URANIUM RECOVERY LICENSEES

| <u>FEE CATEGORY</u> | | <u>DOCKET</u> | <u>LICENSE</u> |
|---------------------|--|---------------|----------------|
| | <u>Mills - Program Code 11100</u> | | |
| 2A(2) Class I | 1. Kennecott Uranium | 40-8584 | SUA-1350 |
| | 2. International Uranium | 40-8681 | SUA-1358 |
| | 3. Plateau Resources | 40-8698 | SUA-1371 |
| | <u>In-Situ Solution Mining -- Program Code 11500</u> | | |
| 2A(2) Class II | 1. Crow Butte | 40-8943 | SUA-1534 |
| | 2. Pathfinder | 40-8981 | SUA-1540 |
| | 3. Cogema Mining | 40-8502 | SUA-1341 |
| | 4. Rio Algom | 40-8964 | SUA-1548 |
| | 5. Power Resources | 40-8857 | SUA-1511 |
| | 6. Quivira Mining | 40-8905 | SUA-1473 |
| | 7. Hydro Resources | 40-8968 | SUA-1580 |
| 2A(2)b | <u>Other - Rare Earth</u> | | |
| | 1. Fansteel | 40-7580 | SMB-911 |
| | 2. Cabot | 40-6940 | SMB-920 |
| | 3. Shieldalloy | 40-7102 | SMB-743 |
| | <u>Decommissioning - Rare Earth</u> | | |
| | 1. Cabot | 40-9027 | SMC-1562 |
| | 2. Heritage | 40-8980 | SMB-1541 |
| | 3. Molycorp | 40-8778 | SMB-1393 |
| | 4. Molycorp | 40-8794 | SMB-1408 |
| | 5. Whittaker | 40-7455 | SMA-1018 |
| | <u>Disposal 11e (2) Material-New Tailings Pile</u> | | |
| 2A(3) | 1. Envirocare | 40-8989 | SMC-1559 |
| 2A(4) | <u>Disposal 11e. (2) Material-Existing Tailings Pile</u> | | |
| | 1. Pathfinder | 40-6622 | SUA-442 |

SEE BUDGET AUTHORITY TAB
FOR ALLOCATION OF BUDGET TO
EACH LICENSEE CLASS

SURCHARGE - FY 2001

SURCHARGE RATE: \$308,362

| | DIRECT RESOURCES | | FEE AMOUNT (\$,M) |
|--|------------------|--------------|----------------------|
| | \$,K | FTE | |
| TOTAL NRC | | | |
| FEDERAL AGENCY EXEMPTION | 315 | 12 | 3.9 |
| NONPROFIT EDUCATIONAL EXEMPTION | 1,405 | 22 | 8.1 |
| INTERNATIONAL ACTIVITIES | 157 | 19 | 6.0 |
| SMALL ENTITY SUBSIDY | 0 | 0 | 5.6 |
| AGREEMENT STATE OVERSIGHT | 349 | 22 | 7.1 |
| REGULATORY SUPPORT TO AGREEMENT STATES | 2,136 | 40 | 14.4 |
| SDMP | 2,995 | 14 | 7.3 |
| DECOMMISSIONING/RECLAMATION GENERIC | 891 | 8 | 3.4 |
| LLW GENERIC | 154 | 5 | 1.7 |
| TOTAL | 8,402 | 141.3 | 57.6 |

To meet the 98% fee recovery requirement for FY 2001, the Surcharge is reduced by 2% of NRC's FY 2001 budget authority, minus the NWF and the General Fund, as shown below:

| | |
|--|-------------|
| | (\$,M) |
| Total Surcharge amount less generic LLW (see note) | 55.9 |
| Budget Authority minus NWF & Gen Fund | 462.5 |
| Percent reduction in fee recovery amount for FY 2001 | 2.0% |
| Reduction in annual fee recovery amount for FY 2001 | 9.3 |
| Surcharge, excluding LLW, less reduction in annual fee recovery amount | 46.6 |
| Generic LLW amount | 1.7 |
| Total surcharge to be assessed | 48.3 |

NOTE: Generic LLW activities are not considered a fairness and equity issue because licensees will benefit from these activities

DISTRIBUTION OF SURCHARGE COSTS

| | LLW SURCHARGE | | NON-LLW SURCHARGE | | TOTAL SURCHARGE |
|--|---------------|------------|-------------------|-------------|-----------------|
| | PERCENT | \$,M | PERCENT | \$,M | \$,M |
| POWER REACTORS | 74% | 1.3 | 79.1% | 36.9 | 38.2 |
| SPENT FUEL STORAGE/REACTOR DECOMMISSIONING | --- | --- | 9.2% | 4.3 | 4.3 |
| NON-POWER REACTORS | --- | --- | 0.1% | 0.0 | 0.0 |
| FUEL FACILITIES | 8% | 0.1 | 5.3% | 2.5 | 2.6 |
| MATERIALS | 18% | 0.3 | 3.9% | 1.8 | 2.1 |
| TRANSPORTATION | --- | --- | 1.2% | 0.5 | 0.5 |
| RARE EARTH FACILITIES | --- | --- | 0.2% | 0.1 | 0.1 |
| URANIUM RECOVERY | --- | --- | 1.0% | 0.4 | 0.4 |
| TOTAL | 100 | 1.7 | 100.0% | 46.6 | 48.3 |

SEE BUDGET AUTHORITY TAB
FOR BUDGETED SURCHARGE COSTS

FY 2001 DIRECT RESOURCES

| | TOTAL | | POWER REACTORS | | SPENT FUEL STORAGE/ REACTOR DECOMM. | | NON-POWER REACTORS | | FUEL FACILITY | | MATERIALS | | TRANSPORTATION | | RARE EARTH FACILITIES | | URANIUM RECOVERY | | OTHER APPLICANTS | | INCLUDED IN SURCHARGE | |
|-------------------------------------|---------|--------|----------------|-------|--|-------|-----------------------|-----|---------------|------|-----------|------|----------------|------|--------------------------|--------|------------------|------|------------------|-----|--------------------------|-------|
| | \$,K | FTE | \$,K | FTE | \$,K | FTE | \$,K | FTE | \$,K | FTE | \$,K | FTE | \$,K | FTE | \$,K | FTE | \$,K | FTE | \$,K | FTE | \$,K | FTE |
| NUCLEAR REACTOR SAFETY | 63,286 | 1,424 | 54,626 | 966 | 218 | 3 | 50 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 448 | 9 |
| NUCLEAR MATERIALS SAFETY | 11,591 | 374 | 1,084 | 6 | 725 | 12 | 40 | 0 | 1,994 | 70 | 1,179 | 67 | 149 | 7 | 0 | 2 | 224 | 14 | 0 | 0 | 4,001 | 79 |
| NUCLEAR WASTE SAFETY | 15,193 | 206 | 0 | 0 | 9,106 | 91 | 0 | 0 | 655 | 4 | 529 | 10 | 366 | 10 | 65 | 1 | 17 | 0 | 0 | 0 | 3,763 | 32 |
| INTERNAT'L NUCLEAR SAFETY & SUPPORT | 623 | 32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 157 | 20 |
| MANAGEMENT AND SUPPORT | 84,159 | 614 | 101 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 2 |
| INSPECTOR GENERAL | 1,230 | 44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SUBTOTAL - FEE BASE RESOURCE | 176,082 | 2694.0 | 55,811.2 | 990.0 | 10,049.8 | 106.7 | 90.2 | 1.0 | 2,649.1 | 73.7 | 1,708.2 | 77.3 | 514.9 | 16.2 | 65.0 | 2.9200 | 240.7 | 14.3 | 0.0 | 1.5 | 8,401.9 | 141.3 |
| ===== | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | |
|---|--|----------|--|-------|--|-------|--|-------|--|-------|--|-------|--|--------|--|--------|--|-------|--|------|--|
| FY 2001 FEE AMOUNTS | | 320.1 | | 37.3 | | 0.4 | | 21.5 | | 21.5 | | 4.7 | | 0.8112 | | 3.9 | | 0.371 | | 52.0 | |
| LESS PART 170 FEES | | 96.8 | | 9.1 | | 0.1 | | 6.5 | | 0.4 | | 1.3 | | 0.8080 | | 2.8 | | 0.371 | | | |
| PART 171 ANNUAL FEES | | = | | = | | = | | = | | = | | = | | = | | = | | = | | | |
| | | 223.3 | | 28.2 | | 0.3 | | 15.0 | | 21.1 | | 3.4 | | 0.0 | | 1.1 | | (0.0) | | | |
| % OF BUDGET (EXCL. SURCHARGE, OTHER APPL. & SMALL ENTITY) | | 79.13% | | 9.23% | | 0.09% | | 5.31% | | 3.92% | | 1.15% | | 0.20% | | 0.96% | | N/A | | | |
| Surcharge (including small entity) | | 38.16388 | | 4.3 | | 0.0 | | 2.6 | | 2.1 | | 0.5 | | 0.1 | | 0.4 | | N/A | | | |
| Part 171 billing adjustments | | (2.8) | | (0.3) | | (0.0) | | (0.2) | | (0.1) | | (0.0) | | (0.0) | | (0.03) | | N/A | | | |
| TOTAL FY 2001 ANNUAL FEE | | 258.7 | | 32.2 | | 0.3 | | 17.4 | | 23.1 | | 3.9 | | 0.0896 | | 1.5 | | (0.0) | | | |

| | |
|--|---------|
| FTE RATES | |
| REACTOR PROGRAM = | 266,997 |
| MATERIALS PROGRAM = | 255,563 |
| SURCHARGE= | 308,362 |
| | \$,M |
| SMALL ENTITY SUBSIDY = | 5.6 |
| Total Surcharge (Reflects 2% off the fee base) | 48.3 |
| TOTAL PART 171 BILLING ADJUSTMENTS | \$,K |
| Est. Unpaid FY 2001 Part 171 Bills | 3.20 |
| Est. Payments From Prior Year Part 171 Bills | (3.65) |
| Adjustment for add'l FY 2000 collections | (3.10) |
| ===== | |
| Total | (3.55) |

**Rare Earth Licenses
FY 2001 Fee Rule**

Fee Category

§171.16(d), Category 2.A. (2), Other Facilities

| <u>Name</u> | <u>Docket Number</u> | <u>License Number</u> |
|----------------|----------------------|-----------------------|
| 1. Fansteel | 40-7580 | SMB-911 |
| 2. Cabot | 40-6940 | SMB-920 |
| 3. Shieldalloy | 40-7102 | SMB-743 |

DETERMINATION OF THE FY 2001 ANNUAL FEE:

| | |
|----------------------|----------|
| TOTAL BUDGETED COSTS | \$89,600 |
|----------------------|----------|

| | |
|------------------------|----------|
| ANNUAL FEE PER LICENSE | \$29,900 |
|------------------------|----------|

(Total budgeted costs divided by
the number of licensees subject to
the annual fee)

SEE BUDGET AUTHORITY TAB
FOR ALLOCATION OF BUDGET TO
EACH LICENSEE CLASS

SURCHARGE - FY 2001

SURCHARGE RATE: \$308,362

| | DIRECT RESOURCES | | FEE AMOUNT |
|--|------------------|--------------|-------------|
| | \$,K | FTE | (\$,M) |
| TOTAL NRC | | | |
| FEDERAL AGENCY EXEMPTION | 315 | 12 | 3.9 |
| NONPROFIT EDUCATIONAL EXEMPTION | 1,405 | 22 | 8.1 |
| INTERNATIONAL ACTIVITIES | 157 | 19 | 6.0 |
| SMALL ENTITY SUBSIDY | 0 | 0 | 5.6 |
| AGREEMENT STATE OVERSIGHT | 349 | 22 | 7.1 |
| REGULATORY SUPPORT TO AGREEMENT STATES | 2,136 | 40 | 14.4 |
| SDMP | 2,995 | 14 | 7.3 |
| DECOMMISSIONING/RECLAMATION GENERIC | 891 | 8 | 3.4 |
| LLW GENERIC | 154 | 5 | 1.7 |
| TOTAL | 8,402 | 141.3 | 57.6 |

To meet the 98% fee recovery requirement for FY 2001, the Surcharge is reduced by 2% of NRC's FY 2001 budget authority, minus the NWF and the General Fund, as shown below:

| | |
|--|-------------|
| | (\$,M) |
| Total Surcharge amount less generic LLW (see note) | 55.9 |
| Budget Authority minus NWF & Gen Fund | 462.5 |
| Percent reduction in fee recovery amount for FY 2001 | 2.0% |
| Reduction in annual fee recovery amount for FY 2001 | 9.3 |
| Surcharge, excluding LLW, less reduction in annual fee recovery amount | 46.6 |
| Generic LLW amount | 1.7 |
| Total surcharge to be assessed | 48.3 |

NOTE: Generic LLW activities are not considered a fairness and equity issue because licensees will benefit from these activities

DISTRIBUTION OF SURCHARGE COSTS

| | LLW SURCHARGE | | NON-LLW SURCHARGE | | TOTAL SURCHARGE |
|--|---------------|------------|-------------------|-------------|-----------------|
| | PERCENT | \$,M | PERCENT | \$,M | \$,M |
| POWER REACTORS | 74% | 1.3 | 79.1% | 36.9 | 38.2 |
| SPENT FUEL STORAGE/REACTOR DECOMMISSIONING | --- | --- | 9.2% | 4.3 | 4.3 |
| NON-POWER REACTORS | --- | --- | 0.1% | 0.0 | 0.0 |
| FUEL FACILITIES | 8% | 0.1 | 5.3% | 2.5 | 2.6 |
| MATERIALS | 18% | 0.3 | 3.9% | 1.8 | 2.1 |
| TRANSPORTATION | --- | --- | 1.2% | 0.5 | 0.5 |
| RARE EARTH FACILITIES | --- | --- | 0.2% | 0.1 | 0.1 |
| URANIUM RECOVERY | --- | --- | 1.0% | 0.4 | 0.4 |
| TOTAL | 100 | 1.7 | 100.0% | 46.6 | 48.3 |

SEE BUDGET AUTHORITY TAB
FOR BUDGETED SURCHARGE COSTS

FY 2001 DIRECT RESOURCES

| | TOTAL | | POWER REACTORS | | SPENT FUEL STORAGE/ REACTOR DECOMM. | | NON-POWER REACTORS | | FUEL FACILITY | | MATERIALS | | TRANSPORTATION | | RARE EARTH FACILITIES | | URANIUM RECOVERY | | OTHER APPLICANTS | | INCLUDED IN SURCHARGE | |
|--|-------|-----|----------------|-----|--|-----|-----------------------|-----|---------------|-----|-----------|-----|----------------|-----|--------------------------|-----|------------------|-----|------------------|-----|--------------------------|-----|
| | \$.K | FTE | \$.K | FTE | \$.K | FTE | \$.K | FTE | \$.K | FTE | \$.K | FTE | \$.K | FTE | \$.K | FTE | \$.K | FTE | \$.K | FTE | \$.K | FTE |
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TRANSPORTATION ANNUAL FEES

Materials Rate:

\$255,563

FY 2001

Fee Category

18.A. The total transportation budgeted costs of \$3,861,939 to be recovered from annual fees is to be obtained from two sources:

1. Department of Energy (DOE)
2. Other Part 71 licensees

The costs are allocated to the two groups in proportion to the number of Certificates of Compliance they hold. DOE holds 39 of the 136 Certificates of Compliance (28.7%). Therefore,

| | | |
|-------------------------------|--------------------|----------------------|
| Total Amount | \$3,861,939 | FY2001 Annual |
| x percentage | 28.68% | Fee Rounded |
| Total DOE annual Fee = | \$1,107,468 | \$1,107,000 |

| | |
|----------------------------|------------------|
| Total annual fee for other | |
| Part 71 licensees= | \$3,861,939 |
| Less DOE | <u>1,107,000</u> |
| | \$2,754,939 |

The annual fee for other Part 71 licensees is assessed to package users, designers and fabricators who hold approved quality assurance plans. QA Plan annual fees are based on whether the plan is for design, fabrication and use (user and fabricator), or for use only, and the proportion is the same as the staff resources for QA activities.

From FY 2001 Budget:

| Fee Category | | FTE | PS\$ | Total | % of total |
|--------------|---------------------------|-----|------|------------------|---------------|
| | Quality Assurance Reviews | 0.5 | 0.00 | \$127,782 | 26.32% |
| | QA Inspections | 1.4 | 0.00 | <u>\$357,788</u> | <u>73.68%</u> |
| 10.B.2 | Total | 1.9 | 0.0 | \$485,570 | 100.00% |

| | |
|--|------------|
| No. of QA plans for use | 83 |
| No. of QA plans for design, fabrication, and use | <u>36</u> |
| Total | 119 |

Fee for QA's for use only:

| 10.B.1 | | | FY 2001 Annual Fee | FY 2001 Annual Fee Rounded |
|--------|--------------------|---------------------------|-----------------------|----------------------------------|
| | Fee = Total amount | \$2,754,939 | | |
| | x percentage | <u>0.26</u> | | |
| | | \$724,984 /119 licensees= | \$6,092 | \$6,100 |

Fee for QA's for design, fabrication and use:

| | | | FY 2001 Annual Fee | FY 2001 Annual Fee Rounded |
|--|--------------------|----------------------------|-----------------------|----------------------------------|
| | Fee = Total amount | \$2,754,939 | | |
| | x percentage | 0.74 | | |
| | | \$2,029,955 /36 licensees= | \$56,388 | |
| | | +Use only fee | <u>6,092</u> | |
| | | | \$62,480 | \$62,500 |

From: Eloise Ziegler
To: Glenda Jackson
Date: Tue, Nov 14, 2000 1:57 PM
Subject: Re: RE: Transportation C.o.C.s

Glenda:

As of November 14, 2000, the total number of Part 71 Certificates of Compliance is 136. Of the total number of CoCs, 39 are for DOE.

>>> Glenda Jackson 11/09 10:24 AM >>>
Eloise,

For FY 2001 fee calculations, I need to know the total number of Part 71 Certificates of Compliance, and how many of those are for DOE. NOTE: For FY 2000, you indicated there were 135 total, and 37 of those were for DOE. I would like to have the information by 11/14 if possible. Please send your response to Bob Carlson (RDC) as well as to me. Thanks.

CC: Robert Carlson

SEE BUDGET AUTHORITY TAB
FOR ALLOCATION OF BUDGET TO
EACH LICENSEE CLASS

SURCHARGE - FY 2001

SURCHARGE RATE: \$308,362

| | DIRECT RESOURCES | | FEE AMOUNT |
|--|------------------|--------------|-------------|
| | \$,K | FTE | (\$,M) |
| TOTAL NRC | | | |
| FEDERAL AGENCY EXEMPTION | 315 | 12 | 3.9 |
| NONPROFIT EDUCATIONAL EXEMPTION | 1,405 | 22 | 8.1 |
| INTERNATIONAL ACTIVITIES | 157 | 19 | 6.0 |
| SMALL ENTITY SUBSIDY | 0 | 0 | 5.6 |
| AGREEMENT STATE OVERSIGHT | 349 | 22 | 7.1 |
| REGULATORY SUPPORT TO AGREEMENT STATES | 2,136 | 40 | 14.4 |
| SDMP | 2,995 | 14 | 7.3 |
| DECOMMISSIONING/RECLAMATION GENERIC | 891 | 8 | 3.4 |
| LLW GENERIC | 154 | 5 | 1.7 |
| TOTAL | 8,402 | 141.3 | 57.6 |

To meet the 98% fee recovery requirement for FY 2001, the Surcharge is reduced by 2% of NRC's FY 2001 budget authority, minus the NWF and the General Fund, as shown below:

| | |
|--|-------------|
| | (\$,M) |
| Total Surcharge amount less generic LLW (see note) | 55.9 |
| Budget Authority minus NWF & Gen Fund | 462.5 |
| Percent reduction in fee recovery amount for FY 2001 | 2.0% |
| Reduction in annual fee recovery amount for FY 2001 | 9.3 |
| Surcharge, excluding LLW, less reduction in annual fee recovery amount | 46.6 |
| Generic LLW amount | 1.7 |
| Total surcharge to be assessed | 48.3 |

NOTE: Generic LLW activities are not considered a fairness and equity issue because licensees will benefit from these activities

DISTRIBUTION OF SURCHARGE COSTS

| | LLW SURCHARGE | | NON-LLW SURCHARGE | | TOTAL SURCHARGE |
|--|---------------|------------|-------------------|-------------|-----------------|
| | PERCENT | \$,M | PERCENT | \$,M | \$,M |
| POWER REACTORS | 74% | 1.3 | 79.1% | 36.9 | 38.2 |
| SPENT FUEL STORAGE/REACTOR DECOMMISSIONING | --- | --- | 9.2% | 4.3 | 4.3 |
| NON-POWER REACTORS | --- | --- | 0.1% | 0.0 | 0.0 |
| FUEL FACILITIES | 8% | 0.1 | 5.3% | 2.5 | 2.6 |
| MATERIALS | 18% | 0.3 | 3.9% | 1.8 | 2.1 |
| TRANSPORTATION | --- | --- | 1.2% | 0.5 | 0.5 |
| RARE EARTH FACILITIES | --- | --- | 0.2% | 0.1 | 0.1 |
| URANIUM RECOVERY | --- | --- | 1.0% | 0.4 | 0.4 |
| TOTAL | 100 | 1.7 | 100.0% | 46.6 | 48.3 |

SEE BUDGET AUTHORITY TAB
FOR BUDGETED SURCHARGE COSTS

FY 2001 DIRECT RESOURCES

| | TOTAL | | POWER REACTORS | | SPENT FUEL STORAGE/ REACTOR DECOMM | | NON-POWER REACTORS | | FUEL FACILITY | | MATERIALS | | TRANSPORTATION | | RARE EARTH FACILITIES | | URANIUM RECOVERY | | OTHER APPLICANTS | | INCLUDED IN SURCHARGE | |
|--|-------|-----|----------------|-----|---------------------------------------|-----|-----------------------|-----|---------------|-----|-----------|-----|----------------|-----|--------------------------|-----|------------------|-----|------------------|-----|--------------------------|-----|
| | \$,K | FTE | \$,K | FTE | \$,K | FTE | \$,K | FTE | \$,K | FTE | \$,K | FTE | \$,K | FTE | \$,K | FTE | \$,K | FTE | \$,K | FTE | \$,K | FTE |
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|---|--|----------|-------|-------|-------|-------|-------|--------|--------|-------|------|
| FY 2001 FEE AMOUNTS | | 320.1 | 37.3 | 0.4 | 21.5 | 21.5 | 4.7 | 0.8112 | 3.9 | 0.371 | 52.0 |
| LESS PART 170 FEES | | 96.8 | 9.1 | 0.1 | 6.5 | 0.4 | 1.3 | 0.8080 | 2.8 | 0.371 | |
| PART 171 ANNUAL FEES | | = | = | = | = | = | = | = | = | = | |
| | | 223.3 | 28.2 | 0.3 | 15.0 | 21.1 | 3.4 | 0.0 | 1.1 | (0.0) | |
| % OF BUDGET (EXCL. SURCHARGE, OTHER APPL. & SMALL ENTITY) | | 79.13% | 9.23% | 0.09% | 5.31% | 3.92% | 1.15% | 0.20% | 0.96% | N/A | |
| Surcharge (Including small entity) | | 38.16388 | 4.3 | 0.0 | 2.6 | 2.1 | 0.5 | 0.1 | 0.4 | N/A | |
| Part 171 billing adjustments | | (2.8) | (0.3) | (0.0) | (0.2) | (0.1) | (0.0) | (0.0) | (0.03) | N/A | |
| TOTAL FY 2001 ANNUAL FEE | | 258.7 | 32.2 | 0.3 | 17.4 | 23.1 | 3.9 | 0.0896 | 1.5 | (0.0) | |

| | |
|--|---------|
| FTE RATES | |
| REACTOR PROGRAM = | 266,997 |
| MATERIALS PROGRAM = | 255,563 |
| SURCHARGE= | 308,362 |
| \$,M | |
| SMALL ENTITY SUBSIDY = | 5.8 |
| Total Surcharge (Reflects 2% off the fee base) | 48.3 |
| \$,K | |
| TOTAL PART 171 BILLING ADJUSTMENTS | |
| Est. Unpaid FY 2001 Part 171 Bills | 3.20 |
| Est. Payments From Prior Year Part 171 Bills | (3.65) |
| Adjustment for add'l FY 2000 collections | (3.10) |
| ===== | |
| Total | (3.55) |

CALCULATION OF ANNUAL FEES BY CATEGORY
FY 2001

Sheet 5- Fee calc/ category
REBASELINE

| License Fee Category | NUMBER OF LICENSES FY 2001 | | | | | | | | | | | | | | | | | | | FY 2001 Annual Fee (Rounded) | | |
|--|-------------------------------|-----------------------------|----------------------|-------------------|--------|-----------------|---------------------------------|-------------------------------|------------------------------------|--------|------------|--------|-----------------------|-------|------------------------|--------------------|-----------------|-----------|-------------------|------------------------------------|----------------------------|--|
| | Billed at FY 2000 Fee | Billed at FY 2001 Fee | Total For FY 2001 | Part 170 Fees(\$) | | | Calc. of General Multiple | Calc. of Insp. Multiple | Part 171 Base Fee Per License (\$) | | | | Surcharge per License | | Total Annual Fee | Total Collections | | Number of | | | Small Entity Subsidy | |
| | | | | Appl. | Insp. | Insp. Prior. | | | General | Unique | Inspection | Total | LLW | Other | | Base Fee (\$,K) | Total (\$,K) | Sm Entity | Real Sm Entity | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| SPECIAL NUCLEAR MATERIAL: | | | | | | | | | | | | | | | | | | | | | | |
| 1C. Industrial Gauges | 9 | 6 | 15.0 | 660 | 1,420 | 5 | 14160 | 4260 | 906 | | 340 | 1,246 | | 110 | 1,356 | 19 | 20 | 0 | 0 | 0 | 1,400 | |
| 1D. All Other SNM | 54 | 14 | 68.0 | 1,300 | 3,200 | 5 | 131920 | 43520 | 1861 | | 767 | 2,628 | 433 | 225 | 3,287 | 179 | 223 | 6 | 2 | 12400 | 3,300 | |
| SOURCE MATERIAL: | | | | | | | | | | | | | | | | | | | | | | |
| 2B. Shielding | 21 | 5 | 26.0 | 160 | 1,600 | 7 | 10103 | 5943 | 373 | | 274 | 647 | | 45 | 692 | 17 | 18 | 2 | 2 | 260 | 690 | |
| 2C. Other Source Materials | 62 | 18 | 80.0 | 5,700 | 5,900 | 3 | 613333 | 157333 | 7354 | | 2357 | 9,711 | 433 | 890 | 11,035 | 777 | 883 | 10 | 1 | 106300 | 11,000 | |
| BYPRODUCT MATERIAL: | | | | | | | | | | | | | | | | | | | | | | |
| 3A. Manufacturing - Broad | 6 | 1 | 7.0 | 6,700 | 11,300 | 2 | 86450 | 39550 | 11847 | | 6771 | 18,618 | 433 | 1434 | 20,485 | 130 | 143 | 2 | 0 | 48000 | 20,500 | |
| 3B. Manufacturing - Other | 45 | 11 | 56.0 | 2,200 | 3,300 | 3 | 184800 | 61600 | 3166 | | 1318 | 4,484 | 433 | 383 | 5,300 | 251 | 297 | 14 | 18 | 163800 | 5,300 | |
| 3C. Radiopharmaceuticals - Manuf./Process | 40 | 8 | 48.0 | 8,700 | 3,300 | 3 | 470400 | 52800 | 9401 | | 1318 | 10,719 | 433 | 1138 | 12,290 | 515 | 590 | 16 | 2 | 243000 | 12,300 | |
| 3D. Radiopharmaceuticals - No Manuf./Process | 6 | 0 | 6.0 | 2,400 | 1,700 | 3 | 17800 | 3400 | 2846 | | 679 | 3,525 | | 345 | 3,869 | 21 | 23 | 3 | 0 | 4500 | 3,900 | |
| 3E. Irradiators - Self-Shield | 121 | 21 | 142.0 | 1,700 | 1,800 | 3 | 326600 | 85200 | 2206 | | 719 | 2,925 | | 267 | 3,192 | 415 | 453 | 7 | 2 | 14400 | 3,200 | |
| 3F. Irradiators - < 10,000 Ci | 5 | 0 | 5.0 | 3,400 | 2,800 | 3 | 21667 | 4667 | 4157 | | 1119 | 5,275 | | 503 | 5,779 | 26 | 29 | 0 | 0 | 0 | 20,900 | |
| 3G. Irradiators - > 10,000 Ci | 9 | 1 | 10.0 | 8,000 | 5,400 | 1 | 134000 | 54000 | 12854 | | 6472 | 19,326 | | 1556 | 20,882 | 193 | 209 | 0 | 0 | 0 | 3,200 | |
| 3H. Exempt Distribution - Device Review | 29 | 5 | 34.0 | 2,300 | 1,700 | 5 | 89760 | 11560 | 2532 | | 407 | 2,940 | | 307 | 3,246 | 100 | 110 | 9 | 7 | 28600 | 4,600 | |
| 3I. Exempt Distribution - No Device Review | 75 | 13 | 88.0 | 3,400 | 2,000 | 5 | 334400 | 35200 | 3645 | | 479 | 4,125 | | 441 | 4,566 | 363 | 402 | 16 | 8 | 72000 | 2,100 | |
| 3J. Gen. License - Device Review | 16 | 2 | 18.0 | 1,000 | 1,870 | 4 | 26415 | 8415 | 1408 | | 560 | 1,968 | | 170 | 2,138 | 35 | 38 | 3 | 10 | 18000 | 1,400 | |
| 3K. Gen. License - No Device Review | 4 | 1 | 5.0 | 590 | 1,000 | 3 | 4617 | 1667 | 886 | | 399 | 1,285 | | 107 | 1,392 | 6 | 7 | 0 | 0 | 9000 | 10,000 | |
| 3L. R&D - Broad | 58 | 17 | 75.0 | 5,700 | 4,600 | 3 | 542500 | 115000 | 6939 | | 1838 | 8,776 | 433 | 840 | 10,049 | 658 | 754 | 1 | 0 | 313200 | 4,400 | |
| 3M. R&D - Other | 162 | 46 | 208.0 | 2,500 | 2,300 | 4 | 639600 | 119600 | 2950 | | 689 | 3,639 | 433 | 357 | 4,429 | 757 | 921 | 56 | 36 | 126000 | 4,800 | |
| 3N. Service License | 52 | 9 | 61.0 | 2,600 | 2,700 | 4 | 199775 | 41175 | 3142 | | 809 | 3,951 | 433 | 380 | 4,764 | 241 | 291 | 10 | 20 | 1130400 | 12,500 | |
| 3O. Radiography | 103 | 21 | 124.0 | 4,200 | 3,500 | 1 | 954800 | 434000 | 7386 | | 4195 | 11,581 | | 894 | 12,475 | 1438 | 1547 | 68 | 19 | 515100 | 2,400 | |
| 3P. All Other Byproduct Materials | 1599 | 318 | 1917.0 | 1,300 | 2,200 | 5 | 3335580 | 843480 | 1669 | | 527 | 2,196 | | 202 | 2,398 | 4211 | 4598 | 170 | 221 | | | |
| WASTE DISPOSAL AND PROCESSING: | | | | | | | | | | | | | | | | | | | | | | |
| 4A. Waste Disposal* | 0 | 0 | 0 | | | 1 | | 0 | 0 | | 0 | 0 | 433 | 0 | 433 | 0 | 0 | 0 | 0 | 0 | 9,800 | |
| 4B. Waste Receipt/Packaging | 11 | 1 | 12.0 | 1,700 | 3,300 | 1 | 60000 | 39600 | 4796 | | 3955 | 8,751 | 433 | 581 | 9,765 | 105 | 117 | 1 | 1 | 20200 | 7,400 | |
| 4C. Waste Receipt - Prepackaged | 3 | 1 | 4.0 | 2,600 | 3,700 | 2 | 17800 | 7400 | 4269 | | 2217 | 6,486 | 433 | 517 | 7,436 | 26 | 30 | 1 | 0 | 6200 | | |
| WELL LOGGING: | | | | | | | | | | | | | | | | | | | | | | |
| 5A. Well Logging | 33 | 5 | 38.0 | 5,600 | 3,700 | 3 | 259667 | 46867 | 6555 | | 1478 | 8,033 | | 794 | 8,827 | 305 | 335 | 10 | 22 | 289200 | 8,800 | |
| 5B. Field Flooding Tracers Studies* | 0 | 0 | | | | 3 | 0 | 0 | 0 | | 0 | 0 | 433 | 0 | 433 | 0 | 0 | 0 | 0 | 0 | | |
| NUCLEAR LAUNDRY: | | | | | | | | | | | | | | | | | | | | | | |
| 6A. Nuclear Laundry | 2 | 1 | 3.0 | 11,500 | 5,400 | 3 | 39900 | 5400 | 12758 | | 2157 | 14,915 | 433 | 1544 | 16,893 | 45 | 51 | 0 | 0 | 0 | 16,900 | |
| HUMAN USE OF BYPRODUCT, SOURCE, OR SNM: | | | | | | | | | | | | | | | | | | | | | | |
| 7A. Teletherapy | 26 | 10 | 36.0 | 6,300 | 3,100 | 1 | 338400 | 111600 | 9017 | 85 | 3715 | 12,817 | | 1092 | 13,909 | 461 | 501 | 4 | 0 | 52800 | 13,900 | |
| 7B. Medical - Broad | 69 | 18 | 87.0 | 4,500 | 8,300 | 1 | 1113600 | 722100 | 12278 | 85 | 9947 | 22,310 | 433 | 1486 | 24,230 | 1941 | 2108 | 1 | 0 | 25800 | 24,200 | |
| 7C. Medical Other | 1255 | 279 | 1534.0 | 2,200 | 2,900 | 3 | 4857667 | 1482867 | 3038 | 85 | 1158 | 4,281 | | 388 | 4,649 | 6567 | 7131 | 208 | 94 | 1256400 | 4,600 | |

CALCULATION OF ANNUAL FEES BY CATEGORY FY 2001

| License Fee Category | NUMBER OF LICENSES | | | | | | | | | | | | | | | FY 2001 Annual Fee (Rounded) | | | | |
|--|-----------------------|-----------------------|-------------------|-------------------|--------------|---------------------------|-------------------------|---------|------------------------------------|------------|--------|-----------------------|-------------|------------------|-------------------|------------------------------|-----------|----------------|----------------------|-----------|
| | FY 2001 | | | | | | | | | | | | | | | FY 2001 | | | | |
| | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) | (14) | (15) | | | | | |
| | Billed at FY 2000 Fee | Billed at FY 2001 Fee | Total For FY 2001 | Part 170 Fees(\$) | | | | | Part 171 Base Fee Per License (\$) | | | Surcharge per License | | Total Annual Fee | Total Collections | | Number of | | Small Entity Subsidy | |
| | | | Appl. | Insp. | Insp. Prior. | Calc. of General Multiple | Calc. of Insp. Multiple | General | Unique | Inspection | Total | LLW | Other | Fee | Base Fee (\$K) | Total (\$K) | Sm Entity | Real Sm Entity | | |
| | | | | | | | | | | | | | | | | | | | 2300 | |
| | | | | | | | | | | | | | | | | | | | 500 | |
| | | | | | | | | | | | | | | | | | | | | |
| CIVIL DEFENSE: | | | | | | | | | | | | | | | | | | | | |
| 8A. Civil Defense | 8 | 1 | 9.0 | 330 | 2,400 | 7 | 6056 | 3086 | 645 | | 411 | 1,056 | | 78 | 1,134 | 10 | 10 | 0 | 0 | 0 |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| DEVICE, PRODUCT, OR SEALED SOURCE SAFETY EVALUATION: | | | | | | | | | | | | | | | | | | | | |
| 9A. Device/Product Safety Evaluation - Broad | 75 | 8 | 83.0 | 5,400 | | 7 | 448200 | 0 | 5180 | | 0 | 5,180 | | 627 | 6,607 | 430 | 482 | 29 | 18 | 211000 |
| 9B. Device/Product Safety Evaluation - Other | 18 | 3 | 21.0 | 5,400 | | 7 | 113400 | 0 | 5180 | | 0 | 5,180 | | 627 | 5,807 | 109 | 122 | 2 | 0 | 4200 |
| 9C. Sealed Sources Safety Evaluation - Broad | 24 | 7 | 31.0 | 1,600 | | 7 | 49600 | 0 | 1535 | | 0 | 1,535 | | 186 | 1,721 | 48 | 53 | 5 | 4 | 5600 |
| 9D. Sealed Sources Safety Evaluation - Other | 20 | 1 | 21.0 | 550 | | 7 | 11550 | 0 | 528 | | 0 | 528 | | 64 | 591 | 11 | 12 | 0 | 0 | 0 |
| | | | | | | | | | | | | | | | | | | | | |
| TRANSPORTATION: | | | | | | | | | | | | | | | | | | | | |
| 10.A (1) Certificate of Compliance | N/A | N/A | N/A | | | | | | | | | | | | | | | 0 | | |
| 10.B.(1) Approvals (Users and Fabricators) | 29 | 7 | 36.0 | | | | | | | | | | | | | | | | 0 | |
| 10.B.(2) Approvals (Users Only) | 76 | 7 | 83.0 | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| OTHER LICENSES: | | | | | | | | | | | | | | | | | | | | |
| 11. Standardized Spent Fuel Facilities | N/A | N/A | 0.0 | | | | | | | | | | | | | | | | | |
| 12. Special Projects | N/A | N/A | 0.0 | | | | | | | | | | | | | | | | | |
| 13.A. Spent Fuel Storage Certificate of Compliance | N/A | N/A | 0.0 | | | | | | | | | | | | | | | | | |
| 13.B. Spent Fuel General License | 0 | 0 | 0.0 | | | | | | | | | | | | | | | | | |
| 14. Decommissioning/Possession-Only | N/A | N/A | 0.0 | | | | | | | | | | | | | | | | | |
| 15. Export/Import | N/A | N/A | 0.0 | | | | | | | | | | | | | | | | | |
| 16. Reciprocity | N/A | N/A | 0.0 | | | | | | | | | | | | | | | | | |
| 17. Master Material License | | 2 | 2.0 | 25224 | 119373 | 1 | 289195 | 238747 | 138706 | 1273 | 143063 | 283042.001 | 6498.898107 | 16791.74661 | 306332.6455 | 566 | 613 | | | |
| 18.A. DOE Transportation Activities | 0 | 1 | 1.0 | | | | | | | | | | | | | | | | | |
| 18.B. DOE UMTRCA Activities | 0 | 1 | 1.0 | | | | | | | | | | | | | | | | | |
| | = | = | ===== | | | | ===== | ===== | | | | | | | ===== | ===== | ===== | ===== | ===== | |
| TOTAL | 4125.0 | 870.0 | 4995.0 | | | | 15743714 | 4780036 | | | | 493679 | | | 20974 | 23123 | | 654 | 487 | 4,674,160 |
| | | | | | | | | | | | | | | | | | | 5 | 10 | 933,200 |
| | | | | | | | | | | | | | | | | | | 659 | 497 | 5,607,360 |

MATERIALS RATE:

UNIQUE= Budget for Medical Program

Development Allocated to NRC Materials Licensees

Divided by No. of Licenses

Unique per license:

Total (Part 171 Fee Amount, exc. surcharge)

Inspection Amount

TOTAL GENERAL = TOTAL - INSPECTION - UNIQUE =
 SURCHARGE (excl. LLW) =
 ANNUAL FEE MULTIPLIER = TOTAL GENERAL /
 INSPECTION MULTIPLIER = INSPECTION AMOUNT/
 SURCHARGE MULTIPLIER = SURCHARGE AMOUNT/

| CALCULATION OF ANNUAL FEES BY CATEGORY | | | | | | | | | | | | | | | | | | | | |
|--|-----------------------------|-----------------------------|----------------------|----------------------------|-------|--------|---------------------------------|-------------------------------|------------------------------------|--------|------------|-------|-----------------------|-------|------------------------|--------------------|-----------------|--------------------------------|------------------------------------|--|
| FY 2001 | | | | | | | | | | | | | | | | | | | | |
| License Fee Category | NUMBER OF LICENSES | | | | | | | | | | | | | | | | | | FY 2001 Annual Fee (Rounded) | |
| | FY 2001 | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | Billed at FY 2000 Fee | Billed at FY 2001 Fee | Total For FY 2001 | Part 170 Fees(\$) Appl. | Insp. | Prior. | Calc. of General Multiple | Calc. of Insp. Multiple | Part 171 Base Fee Per License (\$) | | | | Surcharge per License | | Total Annual Fee | Total Collections | | Number of Real Sm Entity | Small Entity Subsidy | |
| | | | | | | | | | General | Unique | Inspection | Total | LLW | Other | | Base Fee (\$,K) | Total (\$,K) | Sm Entity | Sm Entity | |
| | | | | | | | | | | | | | | | | | | | 2300 500 | |

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

COL (6) = COL(1) * (COL (3)/COL (4))

COL (7) = GENERAL MULTIPLIER * [COL(2) + COL (3)/COL (4)]

COL (8) = (UNIQUE COSTS) / (NO. OF APPLICABLE LICENSES)

COL (9) = INSPECTION MULTIPLIER*(COL3/COL4)

COL (10) = COL (7) + COL(8)+COL(9)

COL (11) = LLW SURCHARGE =% Allocated * LLW Costs/# affected licenses 0.18 * 1,711 K/ 711 = 433

COL (12)=SURCHARGE MULTIPLIER*(COL(2)*(COL(3)/COL(4))

COL (13) = COL (10) + COL(11)+COL(12)

COL (14) = [COL (1) * COL (10)] /1000

COL (15) = [COL (1) * COL (13)] /1000

FY 2001

Number of Materials Licenses
10 CFR 171

| <u>Fee Category</u> | <u>No. of Licenses Subject to Fees</u> | <u>Exempt Non-Profit Educational</u> |
|-------------------------|--|--|
| 1C | 15 | 4 |
| 1D | 68 | 108 |
| 2B | 26 | 18 |
| 2C | 80 | 39 |
| 3A | 7 | 0 |
| 3B | 56 | 0 |
| 3C | 48 | 0 |
| 3D | 6 | 0 |
| 3E | 142 | 41 |
| 3F | 5 | 8 |
| 3G | 10 | 2 |
| 3H | 34 | 0 |
| 3I | 88 | 0 |
| 3J | 18 | 0 |
| 3K | 5 | 0 |
| 3L | 75 | 50 |
| 3M | 208 | 147 |
| 3N | 61 | 0 |
| 3O | 124 | 1 |
| 3P | 1,917 | 59 |
| 4A | 0 | 0 |
| 4B | 12 | 0 |
| 4C | 4 | 0 |
| 5A | 38 | 0 |
| 5B | 0 | 0 |
| 6A | 3 | 0 |
| 7A | 36 | 0 |
| 7B | 87 | 0 |
| 7C | 1,534 | 0 |
| 8A | 9 | 0 |
| 9A | 83 | 0 |
| 9B | 21 | 0 |
| 9C | 31 | 0 |
| 9D | 21 | 0 |
| 17 | <u>2</u> | <u>0</u> |
| TOTAL | 4,874 | 477 |

Federals = 473

SEE BUDGET AUTHORITY TAB
FOR ALLOCATION OF BUDGET TO
EACH LICENSEE CLASS

SURCHARGE - FY 2001

SURCHARGE RATE: \$308,362

| | DIRECT RESOURCES | | FEE AMOUNT (\$,M) |
|--|------------------|--------------|----------------------|
| | \$,K | FTE | |
| TOTAL NRC | | | |
| FEDERAL AGENCY EXEMPTION | 315 | 12 | 3.9 |
| NONPROFIT EDUCATIONAL EXEMPTION | 1,405 | 22 | 8.1 |
| INTERNATIONAL ACTIVITIES | 157 | 19 | 6.0 |
| SMALL ENTITY SUBSIDY | 0 | 0 | 5.6 |
| AGREEMENT STATE OVERSIGHT | 349 | 22 | 7.1 |
| REGULATORY SUPPORT TO AGREEMENT STATES | 2,136 | 40 | 14.4 |
| SDMP | 2,995 | 14 | 7.3 |
| DECOMMISSIONING/RECLAMATION GENERIC | 891 | 8 | 3.4 |
| LLW GENERIC | 154 | 5 | 1.7 |
| TOTAL | 8,402 | 141.3 | 57.6 |

To meet the 98% fee recovery requirement for FY 2001, the Surcharge is reduced by 2% of NRC's FY 2001 budget authority, minus the NWF and the General Fund, as shown below:

| | |
|--|-------------|
| | (\$,M) |
| Total Surcharge amount less generic LLW (see note) | 55.9 |
| Budget Authority minus NWF & Gen Fund | 462.5 |
| Percent reduction in fee recovery amount for FY 2001 | 2.0% |
| Reduction in annual fee recovery amount for FY 2001 | 9.3 |
| Surcharge, excluding LLW, less reduction in annual fee recovery amount | 46.6 |
| Generic LLW amount | 1.7 |
| Total surcharge to be assessed | 48.3 |

NOTE: Generic LLW activities are not considered a fairness and equity issue because licensees will benefit from these activities

| DISTRIBUTION OF SURCHARGE COSTS | | | | | |
|--|---------------|------------|-------------------|-------------|-----------------|
| | LLW SURCHARGE | | NON-LLW SURCHARGE | | TOTAL SURCHARGE |
| | PERCENT | \$,M | PERCENT | \$,M | \$,M |
| POWER REACTORS | 74% | 1.3 | 79.1% | 36.9 | 38.2 |
| SPENT FUEL STORAGE/REACTOR DECOMMISSIONING | --- | --- | 9.2% | 4.3 | 4.3 |
| NON-POWER REACTORS | --- | --- | 0.1% | 0.0 | 0.0 |
| FUEL FACILITIES | 8% | 0.1 | 5.3% | 2.5 | 2.6 |
| MATERIALS | 18% | 0.3 | 3.9% | 1.8 | 2.1 |
| TRANSPORTATION | --- | --- | 1.2% | 0.5 | 0.5 |
| RARE EARTH FACILITIES | --- | --- | 0.2% | 0.1 | 0.1 |
| URANIUM RECOVERY | --- | --- | 1.0% | 0.4 | 0.4 |
| TOTAL | 100 | 1.7 | 100.0% | 46.6 | 48.3 |

SEE BUDGET AUTHORITY TAB
FOR BUDGETED SURCHARGE COSTS

03/05/2001

**DETERMINATION OF MATERIALS PART 170 FEES
and Average Inspection Costs
FY 2001**

FY2001 Materials Hourly Rate:
\$144

| Materials Part 170 Fee Category | FY 2001 Professional Process Time (Hours) | FY 2001 Fee/Cost (Professional Time x FY 2001 Hourly Rate) | FY 2001 Fee/Cost (Rounded) |
|---|--|--|-------------------------------|
| 1. Special Nuclear Material | | | |
| 1C. Industrial Gauges | | | |
| Inspection Costs | 9.9 | \$1,425 | \$1,420 |
| New License | 4.6 | \$662 | \$660 |
| 1D. All Other SNM Material | | | |
| Inspection Costs | 22.5 | \$3,238 | \$3,200 |
| New License | 9.3 | \$1,338 | \$1,300 |
| 2. Source Material | | | |
| 2B. Shielding | | | |
| Inspection Costs | 11.3 | \$1,626 | \$1,600 |
| New License | 1.1 | \$158 | \$160 |
| 2C. All Other Source Material | | | |
| Inspection Costs | 40.8 | \$5,871 | \$5,900 |
| New License | 39.3 | \$5,655 | \$5,700 |
| 3. Byproduct Material | | | |
| 3A. Mfg-Broad Scope | | | |
| Inspection Costs | 78.3 | \$11,267 | \$11,300 |
| New License | 46.8 | \$6,734 | \$6,700 |
| 3B. Mfg-Other | | | |
| Inspection Costs | 22.7 | \$3,266 | \$3,300 |
| New License | 15.3 | \$2,202 | \$2,200 |
| 3C. Mfg/Distribution Radiopharmaceuticals | | | |
| Inspection Costs | 23.2 | \$3,338 | \$3,300 |
| New License | 60.8 | \$8,749 | \$8,700 |
| 3D. Distribution Radiopharmaceuticals/No Process | | | |
| Inspection Costs | 11.7 | \$1,684 | \$1,700 |
| New License | 17 | \$2,446 | \$2,400 |
| 3E. Irradiators/Self-Shielded | | | |
| Inspection Costs | 12.8 | \$1,842 | \$1,800 |
| New License | 12 | \$1,727 | \$1,700 |
| 3F. Irradiators < 10,000 Ci | | | |
| Inspection Costs | 19.2 | \$2,763 | \$2,800 |
| New License | 23.4 | \$3,367 | \$3,400 |

03/05/2001

**DETERMINATION OF MATERIALS PART 170 FEES
and Average Inspection Costs
FY 2001**

FY2001 Materials Hourly Rate:
\$144

| Materials Part 170 Fee Category | FY 2001 Professional Process Time (Hours) | FY 2001 Fee/Cost (Professional Time x FY 2001 Hourly Rate) | FY 2001 Fee/Cost (Rounded) |
|--|--|--|-------------------------------|
| 3G. Irradiators => 10,000 Ci | | | |
| Inspection Costs | 37.3 | \$5,367 | \$5,400 |
| New License | 55.8 | \$8,030 | \$8,000 |
| 3H. Exempt Distribution/Device Review | | | |
| Inspection Costs | 11.8 | \$1,698 | \$1,700 |
| New License | 15.9 | \$2,288 | \$2,300 |
| 3I. Exempt Distribution/No Device Review | | | |
| Inspection Costs | 14 | \$2,015 | \$2,000 |
| New License | 23.9 | \$3,439 | \$3,400 |
| 3J. General License Distribution/Device Review | | | |
| Inspection Costs | 13 | \$1,871 | \$1,870 |
| New License | 7.2 | \$1,036 | \$1,000 |
| 3K. General License Distribution/No Device Review | | | |
| Inspection Costs | 7.1 | \$1,022 | \$1,000 |
| New License | 4.1 | \$590 | \$590 |
| 3L. R&D-Broad | | | |
| Inspection Costs | 31.8 | \$4,576 | \$4,600 |
| New License | 39.3 | \$5,655 | \$5,700 |
| 3M. R&D-Other | | | |
| Inspection Costs | 16 | \$2,302 | \$2,300 |
| New License | 17.2 | \$2,475 | \$2,500 |
| 3N. Service License | | | |
| Inspection Costs | 19 | \$2,734 | \$2,700 |
| New License | 17.9 | \$2,576 | \$2,600 |
| 3O. Radiography | | | |
| Inspection Costs | 24.1 | \$3,468 | \$3,500 |
| New License | 29.3 | \$4,216 | \$4,200 |
| 3P. All Other Byproduct Material | | | |
| Inspection Costs | 15.1 | \$2,173 | \$2,200 |
| New License | 9.3 | \$1,338 | \$1,300 |
| 4. Waste Disposal/Processing | | | |
| 4B. Waste Packaging | | | |
| Inspection Costs | 22.6 | \$3,252 | \$3,300 |
| New License | 12 | \$1,727 | \$1,700 |

03/05/2001

**DETERMINATION OF MATERIALS PART 170 FEES
and Average Inspection Costs
FY 2001**

FY2001 Materials Hourly Rate:
\$144

| Materials Part 170 Fee Category | FY 2001 Professional Process Time (Hours) | FY 2001 Fee/Cost (Professional Time x FY 2001 Hourly Rate) | FY 2001 Fee/Cost (Rounded) |
|---|--|--|-------------------------------|
| 4C. Waste-Prepackaged | | | |
| Inspection Costs | 25.5 | \$3,669 | \$3,700 |
| New License | 18 | \$2,590 | \$2,600 |
| 5. Well Logging | | | |
| 5A. Well Logging | | | |
| Inspection Costs | 25.4 | \$3,655 | \$3,700 |
| New License | 39 | \$5,612 | \$5,600 |
| 6. Nuclear Laundries | | | |
| 6A. Nuclear Laundry | | | |
| Inspection Costs | 37.4 | \$5,382 | \$5,400 |
| New License | 79.7 | \$11,469 | \$11,500 |
| 7. Human Use | | | |
| 7A. Teletherapy | | | |
| Inspection Costs | 21.7 | \$3,123 | \$3,100 |
| New License | 43.7 | \$6,288 | \$6,300 |
| 7B. Medical-Broad | | | |
| Inspection Costs | 57.7 | \$8,303 | \$8,300 |
| New License | 31.2 | \$4,490 | \$4,500 |
| 7C. Medical-Other | | | |
| Inspection Costs | 20.1 | \$2,892 | \$2,900 |
| New License | 15.3 | \$2,202 | \$2,200 |
| 8. Civil Defense | | | |
| 8A. Civil Defense | | | |
| Inspection Costs | 16.5 | \$2,374 | \$2,400 |
| New License | 2.3 | \$331 | \$330 |
| 9. Device, product or sealed source evaluation | | | |
| 9A. Device evaluation-commercial distribution | | | |
| Application - each device | 37.2 | \$5,353 | \$5,400 |
| 9B. Device evaluation - custom | | | |
| Application - each device | 37.2 | \$5,353 | \$5,400 |
| 9C. Sealed source evaluation - commercial distribution | | | |
| Application - each source | 11.3 | \$1,626 | \$1,600 |

03/05/2001

**DETERMINATION OF MATERIALS PART 170 FEES
and Average Inspection Costs
FY 2001**

FY2001 Materials Hourly Rate:
\$144

| Materials Part 170 Fee Category | FY 2001 Professional Process Time (Hours) | FY 2001 Fee/Cost (Professional Time x FY 2001 Hourly Rate) | FY 2001 Fee/Cost (Rounded) |
|--|--|--|-------------------------------|
| | | | |
| 9D. Sealed source evaluation - custom | | | |
| Application - each source | 3.8 | \$547 | \$550 |
| 10. Transportation | | | |
| 10B. Evaluation - Part 71 QA program | | | |
| Application - approval | 4.5 | \$648 | \$650 |

NOTES:

Rounding: <\$1000 rounded to nearest \$10,
=or>\$1000 and <\$100,000 rounded to nearest \$100,
=or>\$100,000 rounded to nearest \$1,000



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

December 8, 2000

Jim

MEMORANDUM TO: Jesse L. Funches
Chief Financial Officer

FROM : William F. Kane, Director
Office of Nuclear Material Safety
and Safeguards *William F. Kane*

SUBJECT: BIENNIAL REVIEW OF FEES

In response to your memorandum of August 25, 2000, the Office of Nuclear Material Safety and Safeguards (NMSS) has reviewed and updated its materials licensing and inspection data. In reviewing and analyzing the data, NMSS looked for anomalies, trends, and performed a reality check, i.e., considering programmatic reasons and management estimates as to the applicable time known to complete different licensing cases. Attachment 1 provides a table which includes new levels of staff effort for each of the flat fee licensing categories for new applications. This attachment also provides a detailed worksheet that supports the table. The worksheet includes direct staff hour expenditures for fiscal years 1995 through 1999 and the case completions for the same period of time. Attachment 2 provides a table and detailed worksheet for the materials inspection fee categories. Also, we note that the vast majority of the materials licenses (approximately 70%), i.e., 3P-Other Byproduct (no change) and 7C-Doctors/Hospitals/Medical Institutions (-9% decrease) showed minimal fluctuation in the data.

Attachment 1 includes several fee categories in which only a few or no licensing actions were completed during the review period. In an effort to keep these categories with a few licensing actions in perspective, NMSS proposes to use several different criteria, which are: 1) used last two years of data most representative of category; 2) new guidance or rule/trend down, used data from last two years; 3) small changes, few cases, not basis for change; 4) limited data in recent years; insufficient basis for changes in numbers; and 5) hearing or other anomaly. Conversely, in the fee categories in which sufficient data are available, i.e., those categories in which 20 or more actions were completed, NMSS suggests that fees be revised based on the new averages. Based on the actual detailed data, NMSS can support the changes and believes the materials licensing fees are reasonably fluctuating over the five-year period.

CONTACT: Elizabeth Jacobs-Baynard, NMSS/PMDA
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NMSS has the following recommendation regarding Category 10B:

Licensee Fee Category 10B, Part 71 QA Review, shows an increase in the flat fee of 60% which reflects an increase from 2.8 hours to 4.5 hours in the rolling five-year average (1995 - 1999) for hours to complete a review. While a small 1.7 hour increase in the average time to complete a QA review is not a significant matter, we did note that future updates of the flat fee using a rolling five-year average will have significant changes as a result of regulation changes and changes in the types and complexities of QA programs we review. For example, in the earlier years (mid 1990's), the QA reviews were mostly for the plutonium beryllium source recovery programs which only took 1-3 hours per review. Additionally, radiographers primarily were required to apply for a Part 71 QA program approval which required low average hours to review, but that requirement was terminated in 1997. Over the last two years ('98/'99), the QA reviews have focused on the mergers and acquisitions of the reactors and vendors. Although only a few reviews of this kind are performed (4 reviews in 1999), they were time intensive requiring an average of about 40 hours per review. Because the flat fee is based on a rolling five-year average, the average hours to complete a QA review is going to increase rapidly as '95, '96 and '97 data fall off. We will be calculating a 15 to 40 hour average in another couple of years.

Based on the changing nature of the activities in this fee category, NMSS recommends that the small current increase in the new flat fee (increase from 2.8 to 4.5 hours) be accepted.

NMSS analyzed its data with respect to processing of initial filing of Form NRC-241 (reciprocity work by Agreement States licensees in NRC jurisdiction) and the revisions to these filings. The data from the Regulatory Information Tracking System (RITS) showed that the hours charged to initial filings and revisions did not significantly change over the period, i.e., FY 1997 through FY 1999. Staff efforts for this process are recorded by use of the Reciprocity Tracking System (RTS). The RTS has experienced operational problems, and is still not a reliable source to obtain the required information. As other systems are implemented, such as STARFIRE, there may be an opportunity to improve the tracking of this activity. In addition, the staff believes that the \$200 revision fee has been difficult to implement fairly and efficiently, because of the need to distinguish between a "clarification" and a "revision," and the difficulty licensees have in predicting locations of reciprocal job sites. The amount collected for revisions in FY 2000 was relatively low, about \$23,000. Therefore, NMSS suggests that the revision fee be abolished, and the initial filing fee be increased from \$1,200 to about \$1,400. NMSS believes this would simplify the process for reciprocity licensees and NRC staff, while continuing to recover the costs of NRC's reciprocity program from those benefitting from NRC's reciprocity activities. NMSS notes that inspection costs were included in the application fee beginning in FY 1995 as a streamlining measure.

If there are questions related to the biennial review of materials flat fees or additional information is needed, please contact Elizabeth Jacobs-Baynard of my staff.

Attachments: As stated (2)

12/06/00

TABLE 1

**AVERAGE HOURS TO COMPLETE FLAT FEE
NEW LICENSING ACTIONS**

| LICENSE FEE CATEGORY | AVERAGE HRS. PER COMPLETION FROM RITS | HOURS IN CURRENT FEE SCHEDULE | NMSS' PROPOSED RECOM. BASED ON DATA | % INCREASE (+) DECREASE (-) | NO. OF LICENSES | NMSS' JUSTIFICATION NOTES | ADDITIONAL NOTES |
|------------------------------|--|--|--|-----------------------------------|-----------------------|---------------------------------|---|
| 1C SNM Pu SS&D | Not Appl. | 4.6 | 4.6 | --- | 2 | 4 | |
| 1D SNM Pu- Neut. Source | 24.5 | 9.3 | 9.3 | --- | 56 | 4 | |
| 2B Source MtlShielding | Not Appl. | 1.1 | 1.1 | --- | 21 | 4 | |
| 2C Source Other | 50.1 | 39.3 | 39.3 | --- | 47 | 4 | |
| 3A Mfg. Broad Scope | 50.3 | 46.8 | 46.8 | --- | 8 | 4 | |
| 3B Mfg. Other | 15.3 | 17.4 | 15.3 | -12 | 70 | | Trend in FY 98 & FY 99 showed a decrease per hourly review. |
| 3C Mfg/Dist. Radiophar. | 60.8 | 72.5 | 60.8 | -16 | 49 | | Improved guidance. |
| 3D Rad'phar. No process | 9.6 | 17.0 | 17.0 | --- | 7 | 4 | |
| 3E Irrad Self Shielded | 12.7 | 12.0 | 12.0 | --- | 111 | 4 | There appeared to be anomalies in the data. Leave average hours per review the same. |
| 3F Irrad. <10,000 Cur. | 68.0 | 23.4 | 23.4 | --- | 10 | 4 | |
| 3G Irrad. ≥10,000 Cur. | 41.8 | 24.3 | 55.8 | +130 | 13 | 1 | Used data for FY 98 & FY 99 only. Prior year data for FY 95 through FY 97 appeared to have anomalies in the data. Management reviewed FY 98 & FY 99 data and determined that it represented a reasonable sampling of the time required to complete this type of review. |
| 3H Ex. Dist. Device Rvw. | 15.9 | 14.4 | 15.9 | +10 | 87 | | |
| 3I Ex. Dist. No Dev. Rvw. | 23.9 | 22.7 | 23.9 | + 5 | 88 | | |

12/06/00

TABLE 1

**AVERAGE HOURS TO COMPLETE FLAT FEE
NEW LICENSING ACTIONS**

| LICENSE FEE CATEGORY | AVERAGE HRS. PER COMPLETION FROM RITS | HOURS IN CURRENT FEE SCHEDULE | NMSS' PROPOSED RECOM. BASED ON DATA | % INCREASE (+) DECREASE (-) | NO. OF LICENSES | NMSS' JUSTIFICATION NOTES | ADDITIONAL NOTES |
|---------------------------------------|--|--|--|-----------------------------------|-----------------------|---------------------------------|--|
| 3J GL Dist. Device Rvw. | 5.4 | 7.2 | 7.2 | --- | 22 | 4 | |
| 3K GL Dist. No Dev. Rvw. | 5.2 | 4.1 | 4.1 | --- | 7 | 4 | One case completed in FY 98 - FY 99; not a representative sample. |
| 3L R&D BroadNM | 43.0 | 39.3 | 39.3 | --- | 107 | 3 | |
| 3M R&D/Other | 17.2 | 16.1 | 17.2 | + 7 | 368 | | |
| 3N Service Licenses | 17.9 | 16.7 | 17.9 | + 7 | 76 | | |
| 3O Radiography | 29.3 | 41.4 | 29.3 | -29 | 125 | | Improved guidance. |
| 3P Other Byproduct | 9.5 | 9.3 | 9.3 | --- | 1889 | 2 | No change in the average hours per completion due to the recent trend (FY 98 & FY 99) which shows average hours per completion decreasing. |
| 4B Waste Packaging | 47.8 | 12.0 | 12.0 | --- | 6 | 4 | Two cases completed in FY 98 - FY 99; not a representative sample. |
| 4C Waste Prepackaged | Not Appl. | 18.0 | 18.0 | --- | 5 | 4 | Small license population; zero cases completed in five years. |
| 5A Well Logging | 39.0 | 42.8 | 39.0 | - 9 | 39 | | |
| 6A Nuclear Laundry | 243.0 | 79.7 | 79.7 | --- | 3 | 4 | One case completed in five years. |
| 7A Teletherapy | 64.4 | 43.7 | 43.7 | --- | 36 | 1, 2 | New guidance; downward trend in FY 99. |
| 7B Broad Medical | 72.3 | 31.2 | 31.2 | --- | 75 | 2, 4 | Two cases completed in FY 99; new guidance; downward trend in FY 99. |
| 7C Doctors /Hosp./Med. Institution | 15.3 | 16.8 | 15.3 | - 9 | 1559 | | |

12/06/00

TABLE 1

**AVERAGE HOURS TO COMPLETE FLAT FEE
NEW LICENSING ACTIONS**

| LICENSE FEE CATEGORY | AVERAGE HRS. PER COMPLETION FROM RITS | HOURS IN CURRENT FEE SCHEDULE | NMSS' PROPOSED RECOM. BASED ON DATA | % INCREASE (+) DECREASE (-) | NO. OF LICENSES | NMSS' JUSTIFICATION NOTES | ADDITIONAL NOTES |
|----------------------------|--|--|--|--------------------------------------|-----------------------|---------------------------------|--|
| 8A Civil Defense | Not Appl. | 2.3 | 2.3 | --- | 8 | 4 | Zero cases completed in five years. |
| 9A Device Rvw Commer. | 68.2 | 37.2 | 37.2 | --- | | 5 | There appears to be anomalies in the data for FY 98 and FY 99. Two hearings significantly increased the hours expended. The data were reviewed for FY 95 through FY 97 time frame because it appeared to be more accurate and aligned closer to the current average hours per completion. Based on the review, the recommendation is to retain the current average hours per completion. |
| 9B Device Rvw. Custom | 95.4 | 26.3 | 37.2 | +41 | | 5 | The average hours per completion increase are based on the review of data provided in Category 9A. The two types of reviews are similar, therefore the average hours per review should be about the same. |
| 9C SS Eval. Commercial | 82.7 | 11.3 | 11.3 | --- | | 4, 5 | Six cases completed in five years. Management viewed 11.3 hours as representative. |
| 9D SS Eval. Custom | 198.8 | 3.8 | 3.8 | --- | | 4 | One case completed in FY 98; not a representative sample. |
| 10B Pt. 71 QA Review | 4.5 | 2.8 | 4.5 | +60 | 132 | | |

NOTES:

- 1) Used last two years of data most representative of category.
- 2) New guidance or rule/trend down, used data from last two years.
- 3) Small changes, few cases, not basis for change.
- 4) Limited data in recent years; insufficient basis for changes in numbers.
- 5) Hearing or other anomaly.

MATERIALS LICENSING FEES (OVERTIME INCLUDED)

| 1999 LICENSE FEE CATEGORY | TAC NO. | LTS PROG. CODE | TITLE | STAFF HOURS EXPENDED | | | | | | COMPLETIONS | | | | | | AVG. HOURS PER COMPL. | FY99 HOURS PER COMPL. | FY98 HOURS PER COMPL. | CURRENT FEE SCHEDULE | NBS RECOMM. NEW FEE SCHEDULE | # LICENSES IN PROGRAM CODE |
|------------------------------------|------------|----------------------|--|----------------------|----------------------|----------------------|----------------------|----------------------|-----------------------|----------------|----------------|----------------|----------------|----------------|-----------------|--------------------------------|--------------------------------|--------------------------------|----------------------------|---------------------------------------|-------------------------------------|
| | | | | FY95 STAFF HRS | FY96 STAFF HRS | FY97 STAFF HRS | FY98 STAFF HRS | FY99 STAFF HRS | TOTAL STAFF HRS | FY95 COMPL. | FY96 COMPL. | FY97 COMPL. | FY98 COMPL. | FY99 COMPL. | TOTAL COMPL. | | | | | | |
| 1C | 72140 | 22140 | SNM PLUTONIUM - SEALED SOURCES IN DEV NEW APPLICATION | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 4.6 | 4.6 | 2 |
| 1D | 72211 | 22110 | SNM PLUTONIUM - UNSEALED < CRITICAL NEW APPLICATION | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | | | 9.3 | | 6 |
| 1D | 72211 | 22111 | SNM U-235 AND/OR U-235 < CRITICAL NEW APPLICATION | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | | | 9.3 | | 6 |
| 1D | 72212 | 22120 | SNM PLUTONIUM - NEUTRON SOURCE < 200 GRAMS NEW APPLICATION | 0.0 | 9.0 | 0.0 | 0.0 | 0.0 | 9.0 | 0 | 1 | 0 | 0 | 0 | 1 | 9.0 | | | 9.3 | | 32 |
| 1D,3B,3P | 72130 | 22130 | POWER SOURCES BYPRODUCT AND/OR SNM NEW APPLICATION | 15.5 | 0.0 | 0.0 | 0.0 | 0.0 | 15.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | | | 9.3 17.4 9.3 | | 0 |
| 1D | 72150 | 22150 | SNM PLUTONIUM - SEALED SOURCES < CRITICAL NEW APPLICATION | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | | | 9.3 | | 8 |
| 1D | 72151 | 22151 | SNM U235 AND/OR U233 SEALED SRCS < CRITICAL NEW APPLICATION | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | | | 9.3 | | 1 |
| 1D,3B | 72162 | 22162 | PACEMKR BYPRODUCT AND/OR SNM MANU. & DIST. NEW APPLICATION | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | | | 9.3 17.4 | | 1 |
| 1D | 72170 | 22170 | SNM GENERAL LICENSE DISTRIBUTION - 70.39 NEW APPLICATION | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | | | 9.3 | | 0 |
| 1D | 72330 | 23300 | SNM POSSESSION ONLY (NON-FUEL) NEW APPLICATION | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | | | 9.3 | | 2 |
| 1D | 72331 | 23310 | SNM STANDBY (NON-FUEL) NEW APPLICATION | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | | | 9.3 | | 0 |
| TOTAL 1D | | | NEW APPLICATION | 15.5 | 9.0 | 0.0 | 0.0 | 0.0 | 24.5 | 0 | 1 | 0 | 0 | 0 | 1 | 24.5 | 0.0 | 0.0 | 9.3 | 9.3 | 56 |
| 2B | 71121 | 11210 | SOURCE MATERIAL SHIELDING NEW APPLICATION | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 1.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 1.1 | 1.1 | 21 |
| 2C | 71120 | 11200 | SOURCE MATERIAL OTHER < 150 KILOGRAMS NEW APPLICATION | 84.0 | 49.5 | 8.0 | 0.0 | 0.0 | 141.5 | 1 | 0 | 1 | 0 | 0 | 2 | 70.8 | | | 39.3 | | 3 |
| 2C | 71122 | 11220 | SOURCE MATERIAL MILITARY MUNITION INDOOR TESTING NEW APPLICATION | 18.0 | 0.0 | 0.0 | 0.0 | 0.0 | 18.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | | | 39.3 | | 4 |
| 2C | 71122 | 11221 | SOURCE MATERIAL MILITARY MUNITION OUTDOOR TESTING NEW APPLICATION | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | | | 39.3 | | 2 |
| 2C | 71123 | 11230 | SOURCE MATERIAL GENERAL LIC DIST. 40.34 NEW APPLICATION | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | | | 39.3 | | 0 |
| 2C | 71130 | 11300 | SOURCE MATERIAL OTHER > 150 KILOGRAMS NEW APPLICATION | 104.5 | 36.5 | 0.0 | 0.0 | 0.0 | 141.0 | 0 | 2 | 1 | 0 | 1 | 4 | 35.3 | | | 39.3 | | 38 |
| TOTAL 2C | | | NEW APPLICATION | 206.5 | 86.0 | 8.0 | 0.0 | 0.0 | 300.5 | 1 | 2 | 2 | 0 | 1 | 6 | 50.1 | 0.0 | 0.0 | 39.3 | 39.3 | 47 |

MATERIALS LICENSING FEES (OVERTIME INCLUDED)

| 1999 LICENSE FEE CATEGORY | TAC NO. | LTS PROG. CODE | TITLE | STAFF HOURS EXPENDED | | | | | COMPLETIONS | | | | | AVG. HOURS PER COMPL. | FY99 HOURS PER COMPL. | FY98 HOURS PER COMPL. | CURRENT FEE SCHEDULE | NRC RECOMM. NEW FEE SCHEDULE | # LICENSES IN PROGRAM CODE | | |
|------------------------------------|------------|----------------------|---|----------------------|----------------------|----------------------|----------------------|----------------------|-----------------------|----------------|----------------|----------------|----------------|--------------------------------|--------------------------------|--------------------------------|----------------------------|---------------------------------------|-------------------------------------|----------------|-----------------|
| | | | | FY95 STAFF HRS | FY96 STAFF HRS | FY97 STAFF HRS | FY98 STAFF HRS | FY99 STAFF HRS | TOTAL STAFF HRS | FY95 COMPL. | FY96 COMPL. | FY97 COMPL. | FY98 COMPL. | | | | | | | FY99 COMPL. | TOTAL COMPL. |
| 3A | 73211 | 03211 | MANUFACTURING & DIST. TYPE A BROAD NEW APPLICATION | 14.0 | 122.5 | 24.0 | 29.5 | 0.0 | 190.0 | 1 | 0 | 1 | 0 | 1 | 3 | 63.3 | | | 46.8 | | 5 |
| 3A | 73212 | 03212 | MANUFACTURING & DIST. TYPE B BROAD NEW APPLICATION | 4.0 | 5.0 | 0.0 | 2.0 | 0.0 | 11.0 | 0 | 0 | 0 | 0 | 1 | 1 | 11.0 | | | 46.8 | | 2 |
| 3A | 73213 | 03213 | MANUFACTURING & DIST. TYPE C BROAD NEW APPLICATION | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | | | 46.8 | | 1 |
| TOTAL 3A | | | NEW APPLICATION | 18.0 | 127.5 | 24.0 | 31.5 | 0.0 | 201.0 | 1 | 0 | 1 | 0 | 2 | 4 | 50.3 | 0.0 | 15.8 | 46.8 | 46.8 | 8 |
| 3B | 73214 | 03214 | MANUFACTURING & DIST. OTHER NEW APPLICATION | 103.7 | 97.0 | 176.5 | 63.5 | 79.5 | 520.2 | 8 | 5 | 8 | 4 | 10 | 35 | 14.9 | | | 17.4 | | 69 |
| 1D,3B,3P | 72130 | 22130 | POWER SOURCES BYPRODUCT AND/OR SNM NEW APPLICATION | 15.5 | 0.0 | 0.0 | 0.0 | 0.0 | 15.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | | | 9.3 17.4 9.3 | | 0 |
| 1D,3B | 72162 | 22162 | PACEMKR BYPRODUCT AND/OR SNM MANU. & DIST. NEW APPLICATION | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | | | 9.3 17.4 | | 1 |
| TOTAL 3B | | | NEW APPLICATION | 119.2 | 97.0 | 176.5 | 63.5 | 79.5 | 535.7 | 8 | 5 | 8 | 4 | 10 | 35 | 15.3 | 8.0 | 10.2 | 17.4 | 15.3 | 70 |
| 3C | 72500 | 02500 | NUCLEAR PHARMACIES NEW APPLICATION | 904.5 | 792.2 | 311.0 | 210.5 | 154.5 | 2372.7 | 12 | 8 | 4 | 4 | 11 | 39 | 60.8 | 14.0 | 24.3 | 72.5 | 60.8 | 49 |
| 3D | 72511 | 02511 | MEDICAL PRODUCT DISTRIBUTION-32.72 NEW APPLICATION | 19.0 | 6.0 | 7.0 | 0.0 | 0.0 | 32.0 | 1 | 2 | 0 | 0 | 0 | 3 | 10.7 | | | 17.0 | | 3 |
| 3D | 72513 | 02513 | MEDICAL PRODUCT DISTRIBUTION-32.74 NEW APPLICATION | 13.0 | 0.0 | 3.0 | 0.0 | 0.0 | 16.0 | 1 | 0 | 0 | 0 | 1 | 2 | 8.0 | | | 17.0 | | 4 |
| TOTAL 3D | | | NEW APPLICATION | 32.0 | 6.0 | 10.0 | 0.0 | 0.0 | 48.0 | 2 | 2 | 0 | 0 | 1 | 5 | 9.6 | 0.0 | 0.0 | 17.0 | 17.0 | 7 |
| 3E | 73510 | 03510 | IRRADIATORS SELF SHIELDED < 10000 CURIES NEW APPLICATION | 10.5 | 69.0 | 30.5 | 28.0 | 27.0 | 165.0 | 3 | 6 | 1 | 2 | 1 | 13 | 12.7 | | | 12.0 | | 97 |
| 3E | 73520 | 03520 | IRRADIATORS SELF SHIELDED > 10000 CURIES NEW APPLICATION | 0.0 | 17.5 | 62.0 | 10.0 | 0.0 | 89.5 | 0 | 0 | 1 | 0 | 0 | 1 | 89.5 | | | 12.0 | | 14 |
| TOTAL 3E | | | NEW APPLICATION | 10.5 | 86.5 | 92.5 | 38.0 | 27.0 | 254.5 | 3 | 6 | 2 | 2 | 1 | 14 | 18.2 | 27.0 | 21.7 | 12.0 | 12.0 | 111 |
| 3F | 73511 | 03511 | IRRADIATORS OTHER < 10000 CURIES NEW APPLICATION | 0.0 | 22.0 | 38.0 | 8.0 | 0.0 | 68.0 | 0 | 0 | 1 | 0 | 0 | 1 | 68.0 | 0.0 | 0.0 | 23.4 | 23.4 | 10 |
| 3G | 73521 | 03521 | IRRADIATORS OTHER > 10000 CURIES NEW APPLICATION | 0.0 | 3.5 | 10.5 | 50.0 | 61.5 | 125.5 | 0 | 1 | 0 | 1 | 1 | 3 | 41.8 | 61.5 | 55.8 | 24.3 | 55.8 | 13 |
| 3H | 73254 | 03254 | EXEMPT DISTRIBUTION - 32.22 NEW APPLICATION | 6.5 | 7.5 | 6.0 | 11.0 | 13.0 | 44.0 | 0 | 2 | 1 | 0 | 0 | 3 | 14.7 | | | 14.4 | | 10 |
| 3H,3I | 73251 | 03251 | EXEMPT DISTRIBUTION - 32.14 | | | | | | | | | | | | | | | | | | |

MATERIALS LICENSING FEES (OVERTIME INCLUDED)

| 1999 LICENSE FEE CATEGORY | TAC NO. | LTS PROG. CODE | TITLE | STAFF HOURS EXPENDED | | | | | COMPLETIONS | | | | | AVG. HOURS PER COMPL. | FY99 HOURS PER COMPL. | FY98 HOURS PER COMPL. | CURRENT FEE SCHEDULE | NARS RECOMM. NEW FEE SCHEDULE | # LICENSE S IN PROGRAM CODE | | |
|------------------------------------|------------|----------------------|--|----------------------|----------------------|----------------------|----------------------|----------------------|-----------------------|----------------|----------------|----------------|----------------|--------------------------------|--------------------------------|--------------------------------|----------------------------|--|--------------------------------------|----------------|-----------------|
| | | | | FY95 STAFF HRS | FY96 STAFF HRS | FY97 STAFF HRS | FY98 STAFF HRS | FY99 STAFF HRS | TOTAL STAFF HRS | FY95 COMPL. | FY98 COMPL. | FY97 COMPL. | FY98 COMPL. | | | | | | | FY99 COMPL. | TOTAL COMPL. |
| 3H | 73255 | 03255 | NEW APPLICATION | 22.0 | 35.5 | 36.0 | 0.0 | 0.0 | 93.5 | 2 | 3 | 3 | 4 | 2 | 14 | 6.7 | | | 14.4 22.7 | 54 | |
| | | | EXEMPT DISTRIBUTION - 32.26 NEW APPLICATION | 20.5 | 35.5 | 8.5 | 144.5 | 129.0 | 338.0 | 2 | 1 | 4 | 4 | 2 | 13 | 26.0 | | 14.4 | | 23 | |
| | | | NEW APPLICATION | 49.0 | 78.5 | 50.5 | 155.5 | 142.0 | 475.5 | 4 | 6 | 8 | 8 | 4 | 30 | 15.9 | 35.5 | 24.8 | 14.4 | 15.9 | 87 |
| TOTAL 3H | | | | | | | | | | | | | | | | | | | | | |
| 3I | 73250 | 03250 | EXEMPT DISTRIBUTION - 32.11 NEW APPLICATION | 8.0 | 3.5 | 2.0 | 0.0 | 0.0 | 13.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | | | 22.7 | 3 | |
| 3I | 73252 | 03252 | EXEMPT DISTRIBUTION - 32.17 NEW APPLICATION | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | | | 22.7 | 0 | |
| 3I | 73253 | 03253 | EXEMPT DISTRIBUTION - 32.18 NEW APPLICATION | 17.5 | 38.5 | 6.0 | 116.0 | 94.5 | 272.5 | 0 | 4 | 1 | 3 | 1 | 9 | 30.3 | | | 22.7 | 30 | |
| 3H,3I | 73251 | 03251 | EXEMPT DISTRIBUTION - 32.14 NEW APPLICATION | 22.0 | 35.5 | 36.0 | 66.5 | 55.5 | 215.5 | 2 | 3 | 3 | 0 | 2 | 10 | 21.6 | | 14.4 22.7 | | 54 | |
| 3I | 73256 | 03256 | EXEMPT DISTRIBUTION - 32.21 NEW APPLICATION | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 2 | 2 | 0.0 | | | 22.7 | 1 | |
| TOTAL 3I | | | NEW APPLICATION | 47.5 | 77.5 | 44.0 | 182.5 | 150.0 | 501.5 | 2 | 7 | 4 | 3 | 5 | 21 | 23.9 | 30.0 | 41.6 | 22.7 | 23.9 | 88 |
| 3J | 73240 | 03240 | GENERAL LICENSE DISTRIBUTION - 32.51 NEW APPLICATION | 15.5 | 33.0 | 5.0 | 0.0 | 0.0 | 53.5 | 3 | 2 | 4 | 0 | 1 | 10 | 5.4 | | | 7.2 | 21 | |
| 3J | 73241 | 03241 | GENERAL LICENSE DISTRIBUTION - 32.53 NEW APPLICATION | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | | | 7.2 | 1 | |
| 3J | 73243 | 03243 | GENERAL LICENSE DISTRIBUTION - 32.61 NEW APPLICATION | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | | | 7.2 | 0 | |
| TOTAL 3J | | | NEW APPLICATION | 15.5 | 33.0 | 5.0 | 0.0 | 0.0 | 53.5 | 3 | 2 | 4 | 0 | 1 | 10 | 5.4 | 0.0 | 0.0 | 7.2 | 7.2 | 22 |
| 3K | 73242 | 03242 | GENERAL LICENSE DISTRIBUTION - 32.57 NEW APPLICATION | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | | | 4.1 | 0 | |
| 3K | 73244 | 03244 | GENERAL LICENSE DISTRIBUTION - 32.71 NEW APPLICATION | 0.0 | 0.0 | 0.0 | 0.0 | 15.5 | 15.5 | 0 | 1 | 1 | 0 | 1 | 3 | 5.2 | | | 4.1 | 7 | |
| TOTAL 3K | | | NEW APPLICATION | 0.0 | 0.0 | 0.0 | 0.0 | 15.5 | 15.5 | 0 | 1 | 1 | 0 | 1 | 3 | 5.2 | 15.5 | 15.5 | 4.1 | 4.1 | 7 |
| 3L | 73610 | 03610 | RESEARCH AND DEVELOPMENT TYPE A BROAD NEW APPLICATION | 104.5 | 12.0 | 40.0 | 67.0 | 64.5 | 288.0 | 1 | 1 | 1 | 1 | 2 | 6 | 48.0 | | | 39.3 | 78 | |
| 3L | 73611 | 03611 | RESEARCH AND DEVELOPMENT TYPE B BROAD NEW APPLICATION | 1.0 | 21.0 | 7.0 | 7.0 | 5.0 | 41.0 | 0 | 1 | 0 | 0 | 0 | 1 | 41.0 | | | 39.3 | 20 | |
| 3L | 73612 | 03612 | RESEARCH AND DEVELOPMENT TYPE C BROAD NEW APPLICATION | 0.0 | 0.0 | 6.0 | 0.0 | 0.0 | 6.0 | 0 | 0 | 1 | 0 | 0 | 1 | 6.0 | | | 39.3 | 6 | |
| 3L | 73613 | 03613 | RESEARCH AND DEVELOPMENT - MULTISITE NEW APPLICATION | 0.0 | 0.0 | 0.0 | 9.0 | 0.0 | 9.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | | | 39.3 | 3 | |
| TOTAL 3L | | | NEW APPLICATION | 105.5 | 33.0 | 53.0 | 83.0 | 69.5 | 344.0 | 1 | 2 | 2 | 1 | 2 | 8 | 43.0 | 34.8 | 50.8 | 39.3 | 39.3 | 107 |

MATERIALS LICENSING FEES (OVERTIME INCLUDED)

| 1999 LICENSE FEE CATEGORY | TAC NO. | LTS PROG. CODE | TITLE | STAFF HOURS EXPENDED | | | | | | COMPLETIONS | | | | | | AVG. HOURS PER COMPL. | FY99 HOURS PER COMPL. | FY98 HOURS PER COMPL. | CURRENT FEE SCHEDULE | NMSS RECOMM. NEW FEE SCHEDULE | # LICENSES IN PROGRAM CODE |
|------------------------------------|------------|----------------------|---|----------------------|----------------------|----------------------|----------------------|----------------------|-----------------------|----------------|----------------|----------------|----------------|----------------|-----------------|--------------------------------|--------------------------------|--------------------------------|----------------------------|--|-------------------------------------|
| | | | | FY95 STAFF HRS | FY96 STAFF HRS | FY97 STAFF HRS | FY98 STAFF HRS | FY99 STAFF HRS | TOTAL STAFF HRS | FY95 COMPL. | FY96 COMPL. | FY97 COMPL. | FY98 COMPL. | FY99 COMPL. | TOTAL COMPL. | | | | | | |
| 3M | 73620 | 03620 | RESEARCH AND DEVELOPMENT OTHER NEW APPLICATION | 390.5 | 561.0 | 568.0 | 386.5 | 324.5 | 2230.5 | 28 | 32 | 32 | 19 | 19 | 130 | 17.2 | 17.1 | 18.7 | 16.1 | 17.2 | 368 |
| 3N | 73219 | 03219 | DECONTAMINATION SERVICES NEW APPLICATION | 36.0 | 9.0 | 80.5 | 52.0 | 0.0 | 177.5 | 0 | 1 | 1 | 1 | 0 | 3 | 59.2 | | | 16.7 | | 5 |
| 3N | 73225 | 03225 | OTHER SERVICES NEW APPLICATION | 138.7 | 24.0 | 91.0 | 202.0 | 30.5 | 486.2 | 11 | 6 | 6 | 4 | 7 | 34 | 14.3 | | | 16.7 | | 71 |
| TOTAL 3N | | | NEW APPLICATION | 174.7 | 33.0 | 171.5 | 254.0 | 30.5 | 663.7 | 11 | 7 | 7 | 5 | 7 | 37 | 17.9 | 4.4 | 23.7 | 16.7 | 17.9 | 76 |
| 3O | 73310 | 03310 | INDUSTRIAL RADIOGRAPHY FIXED LOCATION NEW APPLICATION | 22.5 | 2.0 | 7.0 | 0.0 | 6.0 | 37.5 | 1 | 0 | 0 | 0 | 0 | 1 | 37.5 | | | 41.4 | | 16 |
| 3O | 73320 | 03320 | INDUSTRIAL RADIOGRAPHY TEMP JOB SITES NEW APPLICATION | 237.0 | 220.5 | 94.0 | 259.0 | 267.0 | 1077.5 | 5 | 5 | 4 | 6 | 17 | 37 | 29.1 | | | 41.4 | | 109 |
| TOTAL 3O | | | NEW APPLICATION | 259.5 | 222.5 | 101.0 | 259.0 | 273.0 | 1115.0 | 6 | 5 | 4 | 6 | 17 | 38 | 29.3 | 16.1 | 23.1 | 41.4 | 29.3 | 125 |
| 3P | 72400 | 02400 | VETERINARY NON-HUMAN NEW APPLICATION | 140.0 | 40.5 | 68.5 | 31.5 | 59.0 | 339.5 | 4 | 3 | 6 | 4 | 2 | 19 | 17.9 | | | 9.3 | | 19 |
| 3P | 72410 | 02410 | IN VITRO TESTING LABORATORIES NEW APPLICATION | 46.5 | 16.0 | 3.0 | 31.5 | 27.0 | 124.0 | 5 | 1 | 0 | 1 | 1 | 8 | 15.5 | | | 9.3 | | 45 |
| 3P | 73120 | 03120 | MEASURING SYSTEMS FIXED GAUGES NEW APPLICATION | 392.6 | 285.5 | 220.0 | 198.0 | 143.5 | 1239.6 | 33 | 21 | 16 | 20 | 18 | 108 | 11.5 | | | 9.3 | | 482 |
| 3P | 73121 | 03121 | MEASURING SYSTEMS PORTABLE GAUGES NEW APPLICATION | 544.5 | 935.9 | 802.5 | 837.5 | 411.2 | 3531.6 | 70 | 84 | 97 | 74 | 120 | 445 | 7.9 | | | 9.3 | | 1089 |
| 3P | 73122 | 03122 | MEASURING SYSTEMS ANALYTICAL INSTRUMENTS NEW APPLICATION | 2.0 | 36.8 | 30.0 | 13.5 | 23.0 | 105.3 | 4 | 4 | 2 | 0 | 2 | 12 | 8.8 | | | 9.3 | | 31 |
| 3P | 73123 | 03123 | MEASURING SYSTEMS GAS CHROMATOGRAPHS NEW APPLICATION | 21.5 | 74.0 | 13.0 | 31.0 | 6.0 | 145.5 | 4 | 2 | 3 | 4 | 2 | 15 | 9.7 | | | 9.3 | | 100 |
| 3P | 73124 | 03124 | MEASURING SYSTEMS OTHER NEW APPLICATION | 17.5 | 18.0 | 36.0 | 44.0 | 20.0 | 135.5 | 2 | 3 | 3 | 3 | 4 | 15 | 9.0 | | | 9.3 | | 30 |
| 3P | 73220 | 03220 | LEAK TEST SERVICE ONLY NEW APPLICATION | 15.5 | 2.0 | 0.0 | 14.5 | 0.0 | 32.0 | 1 | 1 | 1 | 1 | 1 | 5 | 6.4 | | | 9.3 | | 3 |
| 3P | 73221 | 03221 | INSTRUMENT CALIB. SERVICE ONLY < 100 CI NEW APPLICATION | 112.6 | 94.0 | 26.0 | 96.0 | 69.1 | 397.7 | 1 | 3 | 2 | 1 | 3 | 10 | 39.8 | | | 9.3 | | 21 |
| 1D,3B,3P | 72130 | 22130 | POWER SOURCES BYPRODUCT AND/OR SNM NEW APPLICATION | 15.5 | 0.0 | 0.0 | 0.0 | 0.0 | 15.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | | | 9.3 17.4 9.3 | | 0 |
| 3P | 73222 | 03222 | INSTRUMENT CALIB. SERVICE ONLY > 100 CI NEW APPLICATION | 10.5 | 60.0 | 0.0 | 5.0 | 37.0 | 112.5 | 0 | 0 | 0 | 1 | 3 | 4 | 28.1 | | | 9.3 | | 9 |
| 3P | 73800 | 03800 | BYPRODUCT MATERIAL POSSESSION ONLY NEW APPLICATION | 12.0 | 16.0 | 2.5 | 0.0 | 0.0 | 30.5 | 7 | 4 | 1 | 2 | 0 | 14 | 2.2 | | | 9.3 | | 36 |
| 3P | 73810 | 03810 | BYPRODUCT MATERIAL STANDBY NEW APPLICATION | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | | | 9.3 | | 4 |

MATERIALS LICENSING FEES (OVERTIME INCLUDED)

| 1999 LICENSE FEE CATEGORY | TAC NO. | LTS PROG. CODE | TITLE | STAFF HOURS EXPENDED | | | | | | COMPLETIONS | | | | | | AVG. HOURS PER COMPL. | FY99 HOURS PER COMPL. | FY98 HOURS PER COMPL. | CURRENT FEE SCHEDULE | FY98 RECOMM. NEW FEE SCHEDULE | # BALANCE S IN PROGRAM CODE |
|------------------------------------|------------|----------------------|---|----------------------|----------------------|----------------------|----------------------|----------------------|-----------------------|----------------|----------------|----------------|----------------|----------------|-----------------|--------------------------------|--------------------------------|--------------------------------|----------------------------|--|--------------------------------------|
| | | | | FY95 STAFF HRS | FY96 STAFF HRS | FY97 STAFF HRS | FY98 STAFF HRS | FY99 STAFF HRS | TOTAL STAFF HRS | FY95 COMPL. | FY96 COMPL. | FY97 COMPL. | FY98 COMPL. | FY99 COMPL. | TOTAL COMPL. | | | | | | |
| TOTAL 3P | | | NEW APPLICATION | 1330.7 | 1578.7 | 1201.5 | 1302.5 | 795.8 | 6209.2 | 131 | 126 | 131 | 111 | 156 | 655 | 9.5 | 5.1 | 7.9 | 9.3 | 9.3 | 1869 |
| 4B | 73234 | 03234 | WASTE DISPOSAL SRVC PROCSNG AND/OR REPACKAGING NEW APPLICATION | 10.0 | 1.0 | 13.0 | 138.0 | 29.0 | 191.0 | 1 | 1 | 0 | 1 | 1 | 4 | 47.8 | 29.0 | 83.5 | 12.0 | 12.0 | 6 |
| 4C | 73232 | 03232 | PREPACKAGE ONLY NEW APPLICATION | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 18.0 | 18.0 | 5 |
| 5A | 73110 | 03110 | WELL LOGGING BYPRODUCT/SNM TRACER & SS NEW APPLICATION | 0.0 | 56.0 | 0.0 | 0.0 | 53.5 | 109.5 | 0 | 0 | 0 | 0 | 3 | 3 | 36.5 | | | 42.8 | | 14 |
| 5A | 73111 | 03111 | WELL LOGGING BYPRODUCT/SNM SEALED S ONLY NEW APPLICATION | 125.9 | 0.0 | 59.5 | 144.0 | 51.5 | 380.9 | 1 | 1 | 0 | 4 | 3 | 9 | 42.3 | | | 42.8 | | 22 |
| 5A | 73112 | 03112 | WELL LOGGING BYPRODUCT ONLY-TRACERS ONLY NEW APPLICATION | 0.0 | 0.0 | 0.0 | 0.0 | 17.0 | 17.0 | 0 | 0 | 0 | 0 | 1 | 1 | 17.0 | | | 42.8 | | 3 |
| TOTAL 5A | | | NEW APPLICATION | 125.9 | 56.0 | 59.5 | 144.0 | 122.0 | 507.4 | 1 | 1 | 0 | 4 | 7 | 13 | 39.0 | 17.4 | 24.2 | 42.8 | 39.0 | 39 |
| 6A | 73218 | 03218 | NUCLEAR LAUNDRY NEW APPLICATION | 63.0 | 14.0 | 95.0 | 71.0 | 0.0 | 243.0 | 0 | 0 | 0 | 1 | 0 | 1 | 243.0 | 0.0 | 71.0 | 79.7 | 79.7 | 3 |
| 7A | 72300 | 02300 | TELETHERAPY NEW APPLICATION | 140.0 | 73.5 | 43.0 | 163.5 | 95.0 | 515.0 | 1 | 1 | 1 | 1 | 0 | 4 | 128.8 | | | 43.7 | | 24 |
| 7A | 72310 | 02310 | STEREOTACTIC RADIOSURGERY - GAMMA KNIFE NEW APPLICATION | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 | 1 | 3 | 4 | 0.0 | | | 43.7 | | 12 |
| TOTAL 7A | | | NEW APPLICATION | 140.0 | 73.5 | 43.0 | 163.5 | 95.0 | 515.0 | 1 | 1 | 1 | 2 | 3 | 8 | 64.4 | 31.7 | 51.7 | 43.7 | 43.7 | 36 |
| 7B | 72110 | 02110 | MEDICAL INSTITUTION BROAD NEW APPLICATION | 31.0 | 0.0 | 6.0 | 23.0 | 84.5 | 144.5 | 0 | 0 | 0 | 0 | 2 | 2 | 72.3 | 42.3 | 53.8 | 31.2 | 31.2 | 75 |
| 7C | 72120 | 02120 | MEDICAL INSTITUTION - QMP REQUIRED NEW APPLICATION | 312.0 | 361.5 | 194.9 | 185.0 | 242.0 | 1295.4 | 7 | 15 | 10 | 2 | 13 | 47 | 27.6 | | | 16.8 | | 774 |
| 7C | 72121 | 02121 | MEDICAL INSTITUTION - QMP NOT REQUIRED NEW APPLICATION | 40.5 | 47.0 | 109.9 | 103.0 | 89.5 | 389.9 | 2 | 3 | 5 | 6 | 7 | 23 | 17.0 | | | 16.8 | | 130 |
| 7C | 72200 | 02200 | MEDICAL PRIVATE PRACTICE - QMP REQUIRED NEW APPLICATION | 394.5 | 389.0 | 218.0 | 213.7 | 182.0 | 1397.2 | 13 | 20 | 11 | 16 | 15 | 75 | 18.6 | | | 16.8 | | 131 |
| 7C | 72201 | 02201 | MEDICAL PRIVATE PRACTICE - QMP NOT REQUIRED NEW APPLICATION | 16.0 | 67.5 | 305.5 | 425.5 | 477.5 | 1292.0 | 22 | 14 | 37 | 47 | 45 | 165 | 7.8 | | | 16.8 | | 315 |
| 7C | 72210 | 02210 | EYE APPLICATORS STRONTIUM-90 NEW APPLICATION | 9.0 | 123.0 | 14.0 | 0.0 | 0.0 | 146.0 | 1 | 0 | 2 | 0 | 0 | 3 | 48.7 | | | 16.8 | | 20 |
| 7C | 72220 | 02220 | MOBILE NUCLEAR MEDICINE SERVICE NEW APPLICATION | 180.5 | 45.5 | 21.0 | 54.5 | 54.0 | 355.5 | 7 | 2 | 5 | 3 | 6 | 23 | 15.5 | | | 16.8 | | 40 |

MATERIALS LICENSING FEES (OVERTIME INCLUDED)

| 1999 LICENSE FEE CATEGORY | TAC NO. | LTS PROG. CODE | TITLE | STAFF HOURS EXPENDED | | | | | | COMPLETIONS | | | | | AVG. HOURS PER COMPL. | FY99 HOURS PER COMPL. | FY99 HOURS PER COMPL. | CURRENT FEE SCHEDULE | NMS RECOMM. NEW FEE SCHEDULE | # LA. ENDS S IN PROGRAM CODE | |
|------------------------------------|------------|----------------------|---|----------------------|----------------------|----------------------|----------------------|----------------------|-----------------------|----------------|----------------|----------------|----------------|----------------|--------------------------------|--------------------------------|--------------------------------|----------------------------|---------------------------------------|--|-----------------|
| | | | | FY95 STAFF HRS | FY96 STAFF HRS | FY97 STAFF HRS | FY98 STAFF HRS | FY99 STAFF HRS | TOTAL STAFF HRS | FY95 COMPL. | FY96 COMPL. | FY97 COMPL. | FY98 COMPL. | FY99 COMPL. | | | | | | | TOTAL COMPL. |
| 7C | 72230 | 02230 | HIGH DOSE RATE REMOTE AFTERLOADER NEW APPLICATION | 243.3 | 54.5 | 12.0 | 34.0 | 78.5 | 422.3 | 9 | 0 | 0 | 3 | 3 | 15 | 28.2 | | | 16.8 | | 118 |
| 7C | 72231 | 02231 | MOBILE HI DOSE RATE REMOTE AFTERLOADER NEW APPLICATION | 0.0 | 0.0 | 0.0 | 9.5 | 119.0 | 128.5 | 0 | 0 | 0 | 1 | 2 | 3 | 42.8 | | | 16.8 | | 3 |
| 7C | 72240 | 02240 | MOBILE THERAPY NEW APPLICATION | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | | | 16.8 | | 0 |
| 7C | 72160 | 22160 | PACEMAKER BYPRODUCT AND/OR SNM MED INST. NEW APPLICATION | 0.0 | 0.0 | 8.0 | 0.0 | 2.5 | 10.5 | 0 | 0 | 1 | 0 | 0 | 1 | 10.5 | | | 16.8 | | 28 |
| TOTAL 7C | | | NEW APPLICATION | 1195.8 | 1088.0 | 883.3 | 1025.2 | #### | 5437.3 | 61 | 54 | 71 | 78 | 91 | 355 | 15.3 | 13.7 | 13.4 | 16.8 | 15.3 | 1559 |
| 8A | 73710 | 03710 | CIVIL DEFENSE NEW APPLICATION | 1.0 | 0.0 | 1.0 | 0.0 | 0.0 | 2.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 2.3 | 2.3 | 8 |
| 9A | | | DEVICE REVIEWS-COMMERCIAL NEW APPLICATION | 528.0 | 489.5 | 475.8 | 1017.2 | #### | 3886.5 | 20 | 8 | 11 | 13 | 5 | 57 | 68.2 | 275.2 | 133.0 | 37.2 | 37.2 | |
| 9B | | | DEVICE REVIEWS-CUSTOM NEW APPLICATION | 67.5 | 108.5 | 191.0 | 69.5 | 136.0 | 572.5 | 1 | 2 | 0 | 2 | 1 | 6 | 95.4 | 136.0 | 68.5 | 26.3 | 37.2 | |
| 9C | | | SEALED SOURCE REVIEWS-COMMERCIAL NEW APPLICATION | 56.6 | 190.8 | 86.5 | 95.5 | 67.0 | 496.4 | 0 | 2 | 1 | 1 | 2 | 6 | 82.7 | 33.5 | 54.2 | 11.3 | 11.3 | |
| 9D | | | SEALED SOURCE REVIEWS-CUSTOM NEW APPLICATION | 37.0 | 45.8 | 62.0 | 31.0 | 23.0 | 198.8 | 0 | 0 | 0 | 1 | 0 | 1 | 198.8 | 0.0 | 54.0 | 3.8 | 3.8 | |
| 10B | | | TRANSPORTATION OF RADIOACTIVE MATERIAL - PART 71 QA NEW APPLICATION | 91.5 | 87.0 | 77.5 | 115.7 | 166.5 | 538.2 | 43 | 37 | 19 | 16 | 4 | 119 | 4.5 | 41.6 | | 2.8 | 4.5 | 132 |
| | | | TOTAL COMPLETIONS FOR NEW MATERIALS LICENSING (EXCLUDES SS&D & TRANSPORT) | | | | | | | | 277 | 270 | 283 | 249 | 340 | | | | | | |

10/18/00

TABLE 2**AVERAGE HOURS TO COMPLETE
INSPECTION ACTIONS**

| LICENSE FEE CATEGORY | AVERAGE HOURS PER COMPLETION FROM RITS | NUMBER OF LICENSES |
|-------------------------------------|---|-----------------------------------|
| 1C SNM Plutonium SS&D | 9.9 | 2 |
| 1D SNM Pu- Neutron Source | 22.5 | 56 |
| 2B Source Material Shielding | 11.3 | 21 |
| 2C Source Other | 40.8 | 47 |
| 3A Mfg. Broad Scope | 78.3 | 8 |
| 3B Mfg. Other | 22.7 | 70 |
| 3C Mfg/Dist. Radiopharmacy | 23.2 | 49 |
| 3D Radiophar. No process | 11.7 | 7 |
| 3E Irrad. Self Shielded | 12.8 | 111 |
| 3F Irrad. <10,000 Cur. | 19.2 | 10 |
| 3G Irrad. ≥ 10,000 Cur. | 37.3 | 13 |
| 3H Exempt Dist. Device Rvw. | 11.8 | 87 |
| 3I Exempt Dist- No Dev. Rvw. | 14.0 | 88 |
| 3J GL Dist. Device Rvw. | 13.0 | 22 |
| 3K GL Dist.- No Dev. Rvw. | 7.1 | 7 |
| 3L Research & Develop. Broad | 31.8 | 107 |

10/18/00

TABLE 2

**AVERAGE HOURS TO COMPLETE
INSPECTION ACTIONS**

| LICENSE FEE CATEGORY | AVERAGE HOURS PER COMPLETION FROM RITS | NUMBER OF LICENSES |
|-------------------------------------|---|-----------------------------------|
| 3M Research & Develop. Other | 16.0 | 368 |
| 3N Service Licenses | 19.0 | 76 |
| 3O Radiography | 24.1 | 125 |
| 3P Other Byproduct | 15.1 | 1869 |
| 4B Waste Packaging | 22.6 | 6 |
| 4C Waste Prepackaged | 25.5 | 5 |
| 5A Well Logging | 25.4 | 39 |
| 6A Nuclear Laundry | 37.4 | 3 |
| 7A Teletherapy | 21.7 | 36 |
| 7B Broad Medical | 57.7 | 75 |
| 7C Doctors & Hospitals | 20.1 | 1559 |
| 8A Civil Defense | 16.5 | 8 |

MATERIALS LICENSE INSPECTION ACTIONS -AVERAGE HOURS (OVERTIME INCLUDED)

| 1999 LICENSE FEE CATEGORY | LTS PROGRAM CODE | TITLE | STAFF HOURS EXPENDED | | | | | | NUMBER OF INSPECTIONS COMPLETED | | | | | | AVG. HOURS PER COMPL | # LICENSES IN PROGRAM CODE |
|------------------------------------|------------------------|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|---------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|----------------|-------------------------------|----------------------------------|
| | | | FY 95 STAFF HRS | FY 96 STAFF HRS | FY 97 STAFF HRS | FY 98 STAFF HRS | FY 99 STAFF HRS | TOTAL STAFF HRS | FY95 INSPECT COMPL | FY96 INSPECT COMPL | FY97 INSPECT COMPL | FY98 INSPECT COMPL | FY99 INSPECT COMPL | TOTAL COMPL | | |
| 1C | 22140 | SNM PLUTONIUM - SEALED SOURCES IN DEVICES INSPECTIONS | 0.0 | 10.5 | 18.5 | 40.0 | 0.0 | 69.0 | 0 | 3 | 2 | 2 | 0 | 7 | 9.9 | 2 |
| 1D | 22110 | SNM PLUTONIUM -UNSEALED < CRITICAL INSPECTIONS | 0.0 | 0.0 | 0.0 | 152.2 | 52.1 | 204.3 | 0 | 0 | 0 | 6 | 3 | 9 | 22.7 | 6 |
| 1D | 22111 | SNM U-235 AND/OR U-235 < CRITICAL INSPECTIONS | 0.0 | 0.0 | 0.0 | 80.0 | 114.0 | 194.0 | 0 | 0 | 0 | 4 | 5 | 9 | 21.6 | 6 |
| 1D | 22120 | SNM PLUTONIUM -NEUTRON SOURCE < 200 GRAMS INSPECTIONS | 154.0 | 195.5 | 141.0 | 135.5 | 37.0 | 663.0 | 8 | 19 | 11 | 15 | 3 | 56 | 11.8 | 32 |
| 1D,3B,3P | 22130 | POWER SOURCES BYPRODUCT AND/OR SNM INSPECTIONS | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | 0 |
| 1D | 22150 | SNM PLUTONIUM - SEALED SOURCES < CRITICAL INSPECTIONS | 123.5 | 16.0 | 36.0 | 10.2 | 20.3 | 206.0 | 4 | 1 | 3 | 1 | 1 | 10 | 20.6 | 8 |
| 1D | 22151 | SNM U235 AND/OR U233 SEALED SRCS < CRTCL INSPECTIONS | 0.0 | 0.0 | 0.0 | 4.0 | 8.0 | 12.0 | 0 | 0 | 0 | 1 | 1 | 2 | 6.0 | 1 |
| 1D,3B | 22162 | PACEMAKER BYPRDCT AND/OR SNM MANU. & DIST. INSPECTIONS | 3.0 | 29.5 | 0.0 | 0.0 | 12.0 | 44.5 | 1 | 1 | 0 | 0 | 1 | 3 | 14.8 | 1 |
| 1D | 22170 | SNM GENERAL LIC. DISTRIBUTION INSPECTIONS | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | 0 |
| 1D | 23300 | SNM POSSESSION ONLY (NON-FUEL) INSPECTIONS | 0.0 | 0.0 | 0.0 | 374.5 | 554.5 | 929.0 | 0 | 0 | 0 | 7 | 4 | 11 | 84.5 | 2 |
| 1D | 23310 | SNM STANDBY (NON-FUEL) INSPECTIONS | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | 0 |
| TOTAL 1D | | INSPECTIONS | 280.5 | 241.0 | 177.0 | 756.4 | 797.9 | 2252.8 | 13 | 21 | 14 | 34 | 18 | 100 | 22.5 | 56 |
| 2B | 11210 | SOURCE MATERIAL SHIELDING INSPECTIONS | 2.5 | 76.5 | 11.0 | 12.0 | 0.0 | 102.0 | 0 | 7 | 1 | 1 | 0 | 9 | 11.3 | 21 |
| 2C | 11200 | SOURCE MATERIAL OTHER < 150 KILOGRAMS INSPECTIONS | 207.0 | 99.5 | 157.5 | 59.0 | 100.0 | 623.0 | 9 | 2 | 5 | 3 | 3 | 22 | 28.3 | 3 |
| 2C | 11220 | SOURCE MATL MILITARY MUNITION - INDOOR TESTING INSPECTIONS | 257.0 | 84.5 | 52.5 | 90.0 | 19.0 | 503.0 | 3 | 1 | 4 | 1 | 1 | 10 | 50.3 | 4 |
| 2C | 11221 | SOURCE MATL MILITARY MUNITION - OUTDOOR TESTING INSPECTIONS | 19.0 | 38.0 | 0.0 | 81.5 | 0.0 | 138.5 | 1 | 1 | 0 | 1 | 0 | 3 | 46.2 | 2 |
| 2C | 11230 | SOURCE MATERIAL GENERAL LIC DIST. 40.34 INSPECTIONS | 0.0 | 0.0 | 0.0 | 0.0 | 169.3 | 169.3 | 0 | 0 | 0 | 0 | 2 | 2 | 84.7 | 0 |
| 2C | 11300 | SOURCE MATERIAL OTHER > 150 KILOGRAMS INSPECTIONS | 1602.3 | 1192.5 | 1457.3 | 1351.7 | 559.1 | 6162.9 | 38 | 25 | 34 | 31 | 21 | 149 | 41.4 | 38 |
| TOTAL 2C | | INSPECTIONS | 2,085.3 | 1,414.5 | 1,667.3 | 1,582.2 | 847.4 | 7596.7 | 51 | 29 | 43 | 36 | 27 | 186 | 40.8 | 47 |
| 3A | 03211 | MANUFACTURING & DIST. TYPE A BROAD INSPECTIONS | 1889.7 | 1099.0 | 1181.1 | 922.0 | 591.0 | 5682.8 | 27 | 18 | 22 | 15 | 16 | 67 | 84.8 | 5 |

MATERIALS LICENSE INSPECTION ACTIONS -AVERAGE HOURS (OVERTIME INCLUDED)

| 1999 LICENSE FEE CATEGORY | LTS PROGRAM CODE | TITLE | STAFF HOURS EXPENDED | | | | | | NUMBER OF INSPECTIONS COMPLETED | | | | | | AVG. HOURS PER COMPL | # LICENSES IN PROGRAM CODE |
|------------------------------------|------------------------|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|---------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|----------------|-------------------------------|----------------------------------|
| | | | FY 95 STAFF HRS | FY 96 STAFF HRS | FY 97 STAFF HRS | FY 98 STAFF HRS | FY 99 STAFF HRS | TOTAL STAFF HRS | FY95 INSPECT COMPL | FY96 INSPECT COMPL | FY97 INSPECT COMPL | FY98 INSPECT COMPL | FY99 INSPECT COMPL | TOTAL COMPL | | |
| 3A | 03212 | MANUFACTURING & DIST. TYPE B BROAD INSPECTIONS | 64.5 | 36.3 | 55.0 | 51.0 | 13.0 | 219.8 | 3 | 3 | 2 | 3 | 1 | 8 | 27.5 | 2 |
| 3A | 03213 | MANUFACTURING & DIST. TYPE C BROAD INSPECTIONS | 31.5 | 0.0 | 0.0 | 0.0 | 20.0 | 51.5 | 1 | 0 | 0 | 0 | 1 | 1 | 51.5 | 1 |
| TOTAL 3A | | INSPECTIONS | 1,985.7 | 1,135.3 | 1,236.1 | 973.0 | 624.0 | 5,954.1 | 31 | 21 | 24 | 18 | 18 | 76 | 78.3 | 8 |
| 3B | 03214 | MANUFACTURING & DIST. OTHER INSPECTIONS | 1193.8 | 1175.5 | 1198.7 | 626.0 | 696.0 | 4890.0 | 49 | 49 | 49 | 37 | 30 | 214 | 22.9 | 69 |
| 1D,3B,3P | 22130 | MANUFACTURING & DIST. OTHER INSPECTIONS | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | 0 |
| 1D,3B | 22162 | PACEMAKER BYPRDCT AND/OR SNM MANU. & DIST. INSPECTIONS | 3.0 | 29.5 | 0.0 | 0.0 | 12.0 | 44.5 | 1 | 1 | 0 | 0 | 1 | 3 | 14.8 | 1 |
| TOTAL 3B | | INSPECTIONS | 1,196.8 | 1,205.0 | 1,198.7 | 626.0 | 708.0 | 4934.5 | 50 | 50 | 49 | 37 | 31 | 217 | 22.7 | 70 |
| 3C | 02500 | NUCLEAR PHARMACIES INSPECTIONS | 1,731.5 | 1,673.4 | 1,616.9 | 1,749.2 | 1,527.7 | 8298.7 | 78 | 77 | 73 | 70 | 60 | 358 | 23.2 | 49 |
| 3D | 02511 | MEDICAL PRODUCT DISTRIBUTION-32.72 INSPECTIONS | 72.0 | 13.5 | 45.0 | 2.0 | 13.0 | 145.5 | 4 | 2 | 3 | 1 | 1 | 11 | 13.2 | 3 |
| 3D | 02513 | MEDICAL PRODUCT DISTRIBUTION-32.74 INSPECTIONS | 31.5 | 13.0 | 0.0 | 9.0 | 0.0 | 53.5 | 3 | 2 | 0 | 1 | 0 | 6 | 8.9 | 4 |
| TOTAL 3D | | INSPECTIONS | 103.5 | 26.5 | 45.0 | 11.0 | 13.0 | 199.0 | 7 | 4 | 3 | 2 | 1 | 17 | 11.7 | 7 |
| 3E | 03510 | IRRADIATORS SELF SHIELDED < 10000 CURIES INSPECTIONS | 573.4 | 152.5 | 117.3 | 202.0 | 460.2 | 1505.4 | 49 | 12 | 16 | 19 | 42 | 138 | 10.9 | 97 |
| 3E | 03520 | IRRADIATORS SELF SHIELDED > 10000 CURIES INSPECTIONS | 360.8 | 80.5 | 160.5 | 204.5 | 55.5 | 861.8 | 14 | 8 | 9 | 13 | 3 | 47 | 18.3 | 14 |
| TOTAL 3E | | INSPECTIONS | 934.2 | 233.0 | 277.8 | 406.5 | 515.7 | 2367.2 | 63 | 20 | 25 | 32 | 45 | 185 | 12.8 | 111 |
| 3F | 03511 | IRRADIATORS OTHER < 10000 CURIES INSPECTIONS | 140.5 | 205.0 | 91.5 | 99.0 | 78.5 | 614.5 | 8 | 11 | 6 | 4 | 3 | 32 | 19.2 | 10 |
| 3G | 03521 | IRRADIATORS OTHER > 10000 CURIES INSPECTIONS | 504.0 | 533.0 | 1224.0 | 1029.1 | 817.0 | 4107.1 | 19 | 21 | 24 | 25 | 21 | 110 | 37.3 | 13 |
| 3H | 03254 | EXEMPT DISTRIBUTION - 32.22 INSPECTIONS | 9.5 | 17.0 | 23.5 | 31.0 | 32.0 | 113.0 | 2 | 3 | 3 | 4 | 4 | 16 | 7.1 | 10 |
| 3H,3I | 03251 | EXEMPT DISTRIBUTION - 32.14 INSPECTIONS | 79.3 | 134.5 | 150.5 | 141.5 | 136.4 | 642.2 | 9 | 14 | 12 | 12 | 8 | 55 | 11.7 | 54 |
| 3H | 03255 | EXEMPT DISTRIBUTION - 32.26 INSPECTIONS | 136.0 | 92.5 | 73.5 | 83.1 | 53.5 | 438.6 | 4 | 10 | 5 | 7 | 4 | 30 | 14.6 | 23 |

MATERIALS LICENSE INSPECTION ACTIONS -AVERAGE HOURS (OVERTIME INCLUDED,

| 1999 LICENSE FEE CATEGORY | LTS PROGRAM CODE | TITLE | STAFF HOURS EXPENDED | | | | | TOTAL STAFF HRS | NUMBER OF INSPECTIONS COMPLETED | | | | | | AVG. HOURS PER COMPL. | # LICENSES IN PROGRAM CODE |
|------------------------------------|------------------------|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|---------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-----------------|--------------------------------|----------------------------------|
| | | | FY 95 STAFF HRS | FY 96 STAFF HRS | FY 97 STAFF HRS | FY 98 STAFF HRS | FY 99 STAFF HRS | | FY95 INSPECT COMPL. | FY96 INSPECT COMPL. | FY97 INSPECT COMPL. | FY98 INSPECT COMPL. | FY99 INSPECT COMPL. | TOTAL COMPL. | | |
| TOTAL 3H | | INSPECTIONS | 224.8 | 244.0 | 247.5 | 255.6 | 221.9 | 1193.8 | 15 | 27 | 20 | 23 | 16 | 101 | 11.8 | 87 |
| 3I | 03250 | EXEMPT DISTRIBUTION - 32.11 INSPECTIONS | 9.0 | 109.5 | 25.8 | 29.5 | 28.0 | 201.8 | 2 | 2 | 2 | 3 | 1 | 10 | 20.2 | 3 |
| 3I | 03252 | EXEMPT DISTRIBUTION - 32.17 INSPECTIONS | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | 0 |
| 3I | 03253 | EXEMPT DISTRIBUTION - 32.18 INSPECTIONS | 39.8 | 144.5 | 155.3 | 94.0 | 92.7 | 526.3 | 2 | 9 | 9 | 6 | 7 | 33 | 15.9 | 30 |
| 3H,3I | 03251 | EXEMPT DISTRIBUTION - 32.14 INSPECTIONS | 79.3 | 134.5 | 150.5 | 141.5 | 136.4 | 642.2 | 9 | 14 | 12 | 12 | 8 | 55 | 11.7 | 54 |
| 3I | 03256 | EXEMPT DISTRIBUTION - 32.21 INSPECTIONS | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | 1 |
| TOTAL 3I | | INSPECTIONS | 128.1 | 388.5 | 331.6 | 265.0 | 257.1 | 1370.3 | 13 | 25 | 23 | 21 | 16 | 98 | 14.0 | 88 |
| 3J | 03240 | GENERAL LICENSE DISTRIBUTION - 32.51 INSPECTIONS | 109.3 | 194.5 | 223.2 | 63.5 | 125.5 | 716.0 | 15 | 10 | 19 | 5 | 5 | 54 | 13.3 | 21 |
| 3J | 03241 | GENERAL LICENSE DISTRIBUTION - 32.53 INSPECTIONS | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 1 | 0 | 0 | 0 | 0 | 1 | 0.5 | 1 |
| 3J | 03243 | GENERAL LICENSE DISTRIBUTION - 32.61 INSPECTIONS | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | 0 |
| TOTAL 3J | | INSPECTIONS | 109.8 | 194.5 | 223.2 | 63.5 | 125.5 | 716.5 | 16 | 10 | 19 | 5 | 5 | 55 | 13.0 | 22 |
| 3K | 03242 | GENERAL LICENSE DISTRIBUTION - 32.57 INSPECTIONS | 0.0 | 0.0 | 15.0 | 4.0 | 0.0 | 19.0 | 0 | 0 | 1 | 0 | 0 | 1 | 19.0 | 0 |
| 3K | 03244 | GENERAL LICENSE DISTRIBUTION - 32.71 INSPECTIONS | 6.0 | 19.7 | 6.5 | 3.5 | 32.0 | 66.7 | 1 | 4 | 1 | 1 | 4 | 11 | 6.1 | 7 |
| TOTAL 3K | | INSPECTIONS | 6.0 | 19.7 | 21.5 | 7.5 | 32.0 | 85.7 | 1 | 4 | 2 | 1 | 4 | 12 | 7.1 | 7 |
| 3L | 03610 | RESEARCH AND DEVELOPMENT TYPE A BROAD INSPECTIONS | 1860.9 | 1514.2 | 1721.5 | 1076.1 | 1438.7 | 7611.4 | 63 | 52 | 46 | 37 | 48 | 246 | 30.9 | 78 |
| 3L | 03611 | RESEARCH AND DEVELOPMENT TYPE B BROAD INSPECTIONS | 68.0 | 270.0 | 282.5 | 353.0 | 140.0 | 1113.5 | 4 | 16 | 11 | 9 | 8 | 48 | 23.2 | 20 |
| 3L | 03612 | RESEARCH AND DEVELOPMENT TYPE C BROAD INSPECTIONS | 40.9 | 70.3 | 6.0 | 1.0 | 53.0 | 171.2 | 3 | 2 | 1 | 1 | 2 | 9 | 19.0 | 6 |
| 3L | 03613 | RESEARCH AND DEVELOPMENT - MULTISITE INSPECTIONS | 1238.8 | 1494.9 | 1190.3 | 1455.5 | 1062.7 | 6442.2 | 21 | 40 | 42 | 40 | 36 | 179 | 36.0 | 3 |
| TOTAL 3L | | INSPECTIONS | 3208.6 | 3349.4 | 3200.3 | 2885.6 | 2694.4 | 15338.3 | 91 | 110 | 100 | 87 | 94 | 482 | 31.8 | 107 |
| 3M | 03620 | RESEARCH AND DEVELOPMENT OTHER | | | | | | | | | | | | | | |

MATERIALS LICENSE INSPECTION ACTIONS -AVERAGE HOURS (OVERTIME INCLUDED,

| 1999 LICENSE FEE CATEGORY | LTS PROGRAM CODE | TITLE | STAFF HOURS EXPENDED | | | | | TOTAL STAFF HRS | NUMBER OF INSPECTIONS COMPLETED | | | | | | AVG. HOURS PER COMPL. | # LICENSES IN PROGRAM CODE |
|------------------------------------|------------------------|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|---------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-----------------|--------------------------------|----------------------------------|
| | | | FY 95 STAFF HRS | FY 96 STAFF HRS | FY 97 STAFF HRS | FY 98 STAFF HRS | FY 99 STAFF HRS | | FY95 INSPECT COMPL. | FY96 INSPECT COMPL. | FY97 INSPECT COMPL. | FY98 INSPECT COMPL. | FY99 INSPECT COMPL. | TOTAL COMPL. | | |
| | | INSPECTIONS | 2618.5 | 1884.2 | 2369.0 | 2002.0 | 1786.6 | 10660.3 | 168 | 130 | 128 | 123 | 118 | 667 | 18.0 | 368 |
| 3N | 03219 | DECONTAMINATION SERVICES INSPECTIONS | 169.5 | 308.5 | 575.0 | 96.0 | 41.0 | 1190.0 | 4 | 4 | 7 | 4 | 2 | 21 | 56.7 | 5 |
| 3N | 03225 | OTHER SERVICES INSPECTIONS | 614.3 | 647.7 | 574.9 | 364.3 | 398.9 | 2600.1 | 42 | 46 | 37 | 27 | 27 | 179 | 14.5 | 71 |
| TOTAL 3N | | INSPECTIONS | 783.8 | 956.2 | 1,149.9 | 460.3 | 439.9 | 3790.1 | 46 | 50 | 44 | 31 | 29 | 200 | 19.0 | 76 |
| 3O | 03310 | INDUSTRIAL RADIOGRAPHY FIXED LOCATION INSPECTIONS | 494.0 | 479.5 | 227.1 | 497.5 | 139.0 | 1837.1 | 34 | 26 | 15 | 28 | 12 | 115 | 16.0 | 16 |
| 3O | 03320 | INDUSTRIAL RADIOGRAPHY TEMP JOB SITES INSPECTIONS | 4109.8 | 3232.6 | 3041.9 | 3575.5 | 3332.0 | 17291.8 | 161 | 130 | 117 | 148 | 122 | 678 | 25.5 | 109 |
| TOTAL 3O | | INSPECTIONS | 4,603.8 | 3,712.1 | 3,269.0 | 4,073.0 | 3,471.0 | 19128.9 | 195 | 156 | 132 | 176 | 134 | 793 | 24.1 | 125 |
| 3P | 02400 | VETERINARY NONHUMAN INSPECTIONS | 91.0 | 174.0 | 307.5 | 80.4 | 62.5 | 715.4 | 5 | 9 | 7 | 9 | 5 | 35 | 20.4 | 19 |
| 3P | 02410 | IN VITRO TESTING LABORATORIES INSPECTIONS | 222.5 | 532.0 | 283.0 | 186.5 | 94.4 | 1318.4 | 17 | 32 | 17 | 16 | 7 | 89 | 14.8 | 45 |
| 3P | 03120 | MEASURING SYSTEMS FIXED GAUGES INSPECTIONS | 2056.6 | 2730.0 | 3191.5 | 1971.1 | 1826.1 | 11775.3 | 137 | 210 | 214 | 146 | 128 | 835 | 14.1 | 482 |
| 3P | 03121 | MEASURING SYSTEMS PORTABLE GAUGES INSPECTIONS | 4908.9 | 3985.8 | 7177.6 | 5395.3 | 5139.7 | 26607.3 | 296 | 294 | 460 | 373 | 362 | 1785 | 14.9 | 1089 |
| 3P | 03122 | MEASURING SYSTEMS ANALYTICAL INSTRUMENTS INSPECTIONS | 115.3 | 110.8 | 96.5 | 44.8 | 32.5 | 399.9 | 15 | 8 | 7 | 3 | 3 | 36 | 11.1 | 31 |
| 3P | 03123 | MEASURING SYSTEMS GAS CHROMATOGRAPHS INSPECTIONS | 247.0 | 179.9 | 360.0 | 182.0 | 65.0 | 1033.9 | 24 | 20 | 20 | 11 | 6 | 81 | 12.8 | 100 |
| 3P | 03124 | MEASURING SYSTEMS OTHER INSPECTIONS | 233.7 | 159.5 | 614.5 | 216.0 | 296.5 | 1520.2 | 12 | 10 | 13 | 6 | 14 | 55 | 27.6 | 30 |
| 3P | 03220 | LEAK TEST SERVICE ONLY INSPECTIONS | 9.5 | 18.0 | 23.0 | 58.5 | 46.5 | 155.5 | 2 | 3 | 2 | 3 | 3 | 13 | 12.0 | 3 |
| 3P | 03221 | INSTRUMENT CALIB. SERVICE ONLY < 100 CI INSPECTIONS | 151.0 | 121.4 | 131.5 | 48.0 | 123.0 | 574.9 | 11 | 10 | 9 | 5 | 8 | 43 | 13.4 | 21 |
| 10,3B,3P | 22130 | MANUFACTURING & DIST. OTHER INSPECTIONS | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | 0 |
| 3P | 03222 | INSTRUMENT CALIB. SERVICE ONLY > 100 CI INSPECTIONS | 101.5 | 125.5 | 87.0 | 15.0 | 29.0 | 358.0 | 6 | 5 | 4 | 2 | 4 | 21 | 17.0 | 9 |
| 3P | 03800 | BYPRODUCT MATERIAL POSSESSION ONLY INSPECTIONS | 510.5 | 652.5 | 1009.2 | 565.0 | 540.0 | 3277.2 | 35 | 49 | 43 | 11 | 29 | 167 | 19.6 | 36 |
| 3P | 03810 | BYPRODUCT MATERIAL STANDBY INSPECTIONS | 0.0 | 0.0 | 0.0 | 7.5 | 45.0 | 52.5 | 0 | 0 | 0 | 1 | 4 | 5 | 10.5 | 4 |
| TOTAL 3P | | INSPECTIONS | 8,647.5 | 8,789.4 | 13,281.3 | 8,770.1 | 8,300.2 | 47,788.5 | 560 | 650 | 796 | 586 | 573 | 3165 | 15.1 | 1869 |

MATERIALS LICENSE INSPECTION ACTIONS -AVERAGE HOURS (OVERTIME INCLUDED)

| 1999 LICENSE FEE CATEGORY | LTS PROGRAM CODE | TITLE | STAFF HOURS EXPENDED | | | | | TOTAL STAFF HRS | NUMBER OF INSPECTIONS COMPLETED | | | | | | AVG. HOURS PER COMPL. | # LICENSES IN PROGRAM CODE |
|------------------------------------|------------------------|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|---------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-----------------|--------------------------------|----------------------------------|
| | | | FY 95 STAFF HRS | FY 96 STAFF HRS | FY 97 STAFF HRS | FY 98 STAFF HRS | FY 99 STAFF HRS | | FY95 INSPECT COMPL. | FY96 INSPECT COMPL. | FY97 INSPECT COMPL. | FY98 INSPECT COMPL. | FY99 INSPECT COMPL. | TOTAL COMPL. | | |
| 4B | 03234 | WSTE DISPSL SRVC PROCSNG AND/OR REPCKGNG INSPECTIONS | 259.5 | 113.8 | 150.0 | 230.0 | 105.0 | 858.3 | 9 | 8 | 9 | 7 | 5 | 38 | 22.6 | 6 |
| 4C | 03232 | WASTE DISPOSAL SERVICE PREPACKAGE ONLY INSPECTIONS | 131.5 | 163.0 | 80.5 | 18.5 | 40.5 | 434.0 | 5 | 5 | 3 | 1 | 3 | 17 | 25.5 | 5 |
| 5A | 03110 | WELL LOGGING BYPRODUCT/SNM TRACER & SS INSPECTIONS | 562.6 | 599.7 | 764.5 | 360.0 | 249.5 | 2536.3 | 13 | 14 | 28 | 18 | 11 | 84 | 30.2 | 14 |
| 5A | 03111 | WELL LOGGING BYPRODUCT/SNM SEALED S ONLY INSPECTIONS | 174.0 | 255.9 | 390.6 | 282.5 | 290.7 | 1393.7 | 9 | 15 | 22 | 11 | 16 | 73 | 19.1 | 22 |
| 5A | 03112 | WELL LOGGING BYPRODUCT ONLY-TRACERS ONLY INSPECTIONS | 25.0 | 94.7 | 0.0 | 0.0 | 16.0 | 135.7 | 0 | 2 | 0 | 0 | 1 | 3 | 45.2 | 3 |
| TOTAL 5A | | INSPECTIONS | 761.6 | 950.3 | 1,155.1 | 642.5 | 556.2 | 4065.7 | 22 | 31 | 50 | 29 | 28 | 160 | 25.4 | 39 |
| 6A | 03218 | NUCLEAR LAUNDRY INSPECTIONS | 83.0 | 76.6 | 296.2 | 20.0 | 48.0 | 523.8 | 2 | 5 | 3 | 1 | 3 | 14 | 37.4 | 3 |
| 7A | 02300 | TELETHERAPY INSPECTIONS | 1644.6 | 732.0 | 672.7 | 777.0 | 470.0 | 4296.3 | 90 | 28 | 28 | 34 | 17 | 197 | 21.8 | 24 |
| 7A | 02310 | STEREOTACTIC RADIOSURGERY - GAMMA KNIFE INSPECTIONS | 0.0 | 0.0 | 0.0 | 57.5 | 173.5 | 231.0 | 0 | 0 | 0 | 4 | 8 | 12 | 19.3 | 12 |
| 7A | | INSPECTIONS | 1,644.6 | 732.0 | 672.7 | 834.5 | 643.5 | 4527.3 | 90 | 28 | 28 | 38 | 25 | 209 | 21.7 | 36 |
| 7B | 02110 | MEDICAL INSTITUTION BROAD INSPECTIONS | 6341.2 | 7633.5 | 6303.8 | 6442.1 | 4651.6 | 31372.2 | 115 | 118 | 106 | 113 | 92 | 544 | 57.7 | 75 |
| 7C | 02120 | MEDICAL INSTITUTION OTHER GROUP (LIMITED) INSPECTIONS | 8138.9 | 9007.1 | 9150.3 | 5900.1 | 5252.5 | 37448.9 | 409 | 489 | 417 | 280 | 270 | 1865 | 20.1 | 774 |
| 7C | 02121 | MEDICAL INSTITUTION OTHER NONGROUP (CUSTOM) INSPECTIONS | 817.0 | 211.0 | 288.8 | 1094.5 | 456.0 | 2867.3 | 40 | 15 | 22 | 71 | 37 | 185 | 15.5 | 130 |
| 7C | 02200 | MEDICAL PRIVATE PRACTICE GROUP (LIMITED) INSPECTIONS | 1040.8 | 1740.3 | 958.5 | 590.0 | 941.8 | 5271.4 | 54 | 114 | 64 | 48 | 59 | 339 | 15.5 | 131 |
| 7C | 02201 | MEDICAL PRIVATE PRACTICE NONGROUP (CUSTOM) INSPECTIONS | 704.2 | 984.5 | 1269.7 | 1501.1 | 1110.2 | 5569.7 | 55 | 62 | 81 | 115 | 96 | 409 | 13.6 | 315 |
| 7C | 02210 | EYE APPLICATORS STRONTIUM-90 INSPECTIONS | 65.0 | 852.0 | 638.0 | 651.0 | 292.0 | 2498.0 | 6 | 22 | 9 | 20 | 9 | 66 | 37.8 | 20 |
| 7C | 02220 | MOBILE NUCLEAR MEDICINE SERVICE INSPECTIONS | 444.5 | 439.7 | 326.7 | 517.5 | 414.0 | 2142.4 | 21 | 28 | 17 | 27 | 22 | 115 | 18.6 | 40 |
| 7C | 02230 | HIGH DOSE RATE REMOTE AFTERLOADER INSPECTIONS | 2819.3 | 3052.9 | 3206.0 | 2971.4 | 2392.4 | 14442.0 | 98 | 110 | 104 | 99 | 99 | 510 | 28.3 | 118 |

MATERIALS LICENSE INSPECTION ACTIONS -AVERAGE HOURS (OVERTIME INCLUDED)

| 1999 LICENSE FEE CATEGORY | LTS PROGRAM CODE | TITLE | STAFF HOURS EXPENDED | | | | | | NUMBER OF INSPECTIONS COMPLETED | | | | | | AVG. HOURS PER COMPL. | # LICENSES IN PROGRAM CODE |
|------------------------------------|------------------------|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|---------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|-----------------|--------------------------------|----------------------------------|
| | | | FY 95 STAFF HRS | FY 96 STAFF HRS | FY 97 STAFF HRS | FY 98 STAFF HRS | FY 99 STAFF HRS | TOTAL STAFF HRS | FY95 INSPECT COMPL. | FY96 INSPECT COMPL. | FY97 INSPECT COMPL. | FY98 INSPECT COMPL. | FY99 INSPECT COMPL. | TOTAL COMPL. | | |
| 7C | 02231 | MOBILE HIGH DOSE RATE REMOTE AFTERLOADER INSPECTIONS | 0.0 | 0.0 | 0.0 | 0.0 | 37.0 | 37.0 | 0 | 0 | 0 | 0 | 2 | 2 | 18.5 | 3 |
| 7C | 02240 | MOBILE THERAPY INSPECTIONS | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | 0 |
| 7C | 22160 | PACEMAKER BYPRODUCT AND/OR SNM MED INST. INSPECTIONS | 0.0 | 18.5 | 118.5 | 101.0 | 309.8 | 547.8 | 0 | 5 | 6 | 9 | 11 | 31 | 17.7 | 28 |
| TOTAL 7C | | INSPECTIONS | 14,029.7 | 16,306.0 | 15,956.5 | 13,326.6 | 11,205.7 | 70,824.5 | 683 | 845 | 720 | 869 | 605 | 3522 | 20.1 | 1559 |
| 5A | 03710 | CIVIL DEFENSE INSPECTIONS | 116.0 | 111.6 | 48.8 | 20.0 | 0.0 | 296.4 | 8 | 6 | 3 | 1 | 0 | 18 | 16.5 | 8 |

NOTES:

1. The staffhours were derived from the Regulatory Information Tracking Systems (RITS) based on Licensing Tracking System (LTS) program codes and RITS inspection program element codes.
2. The number of inspections completed for FY95, FY96, FY97, FY98, and FY99 was taken directly from IRTS.
3. Number of licenses in each Program Code as shown in LTS Report 5A dated 10/02/00.

DETERMINATION OF GENERAL LICENSE REGISTRATION FEE

FY 2001

NOTE: FTE and Contract Costs are based on FY 2001 budgeted costs

FY 2001 FTE Rate:

\$144

| | |
|---|--------------|
| FTE: | 6.3 |
| Contract Costs: | \$283,000 |
| Total Costs (FTE * FTE Rate + Contract Costs) | \$1,917,041 |
| Number Registrants Subject to Fee | 4300 |
| Fee | \$446 |
| Registration Fee rounded | \$450 |

From: Binesh K Tharakan
To: Jackson, Glenda
Date: Tue, Dec 12, 2000 3:18 PM
Subject: Re: Fwd: Status of Final Rule-Part 31 (GL Registration)

I was not involved with the fee discussion, but here is some current information about GLTS.

There will be approximately 4800^{*} registrations in the first year. The estimated resources include approximately \$12,000 in supplies and 4400 technical staff hours.

Those are the best guesses I can give you. Hope this helps.

>>> Glenda Jackson 12/12 2:54 PM >>>

I understand you might be able to provide the information requested in my e-mail to C. Mattsen, attached. I need to know updated estimates of the resource requirements for the registration program once the first round is completed. Any help you can provide would be appreciated.

** used 4300 to allow for non-profit educational institutions (fee exempt)*

From: Catherine Mattsen
To: Carol Abbott, Glenda Jackson
Date: Mon, May 8, 2000 4:47 PM
Subject: Table of resources for registration program

When Mike Raddatz updated the resource table for registration, he did not eliminate the extraneous information from the attachment which as not relevant. Also, some of the other numbers in the table may not be up-to-date. Here's a simple table giving just that information that was used in the calculation of the fee. These resources are for the registration population only (now estimated at 4300) and not the entire GL budget.

Averaging the resources over this 3 year period and using \$253,450/FTE, we would now calculate: \$440.

CC: Diane Dandois, Josephine Piccone, Patricia Holah...

avg 6.3 FTE
\$253 RS

| Implementation of Registration Program: | FY 2002 | | FY2003 | | FY2004 | |
|--|---------|------------------|--------|------------------|--------|------------------|
| | FTE | \$K | FTE | \$K | FTE | \$K |
| - Registration Mailings/Data Input/Initial Follow-up | 2 | 300 ¹ | 2 | 275 ¹ | 2 | 275 ¹ |
| - NRC Follow-up Inspections | 5 | 0 | 5 | 0 | 3 | 0 |

¹These figures have been adjusted to reflect a proration of the total program costs which would be recovered by fees for the registration portion of the General License Program.

DETERMINATION OF EXPORT AND IMPORT PART 170 FEES*
FY 2001

FY2001 Materials Hourly Rate: 144

| Export and Import Part 170 Fees Category | FY 2001 Professional Process Time (Hours) | FY 2001 Fee Professional Process Time x FY 2001 Hourly Rate | FY 2001 Fee (Rounded)** |
|---|--|--|------------------------------------|
| 10 CFR 170.21, Category K | | | |
| Subcategory | | | |
| 1 | 65 | 9,353 | 9,400 |
| 2 | 38 | 5,468 | 5,500 |
| 3 | 12 | 1,727 | 1,700 |
| 4 | 8 | 1,151 | 1,200 |
| 5 | 1.5 | 216 | 220 |
| 10 CFR 170.31, Category 15 | | | |
| Subcategory | | | |
| A | 65 | 9,353 | 9,400 |
| B | 38 | 5,468 | 5,500 |
| C | 12 | 1,727 | 1,700 |
| D | 8 | 1,151 | 1,200 |
| E | 1.5 | 216 | 220 |

NOTES:

* The application fees and amendment fees are the same for each subcategory because, per discussion with IP representatives, the processing time is the same for a new license or an amendment to the license.

** Rounding: <\$1000 rounded to nearest \$10,

=or>\$1000 and <\$100,000 rounded to nearest \$100,

=or>\$100,000 rounded to nearest \$1,000



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

October 27, 2000

Jim

MEMORANDUM TO: Jesse L. Funches
Chief Financial Officer

FROM: Janice Dunn Lee, Director
Office of International Programs

SUBJECT: BIENNIAL REVIEW OF FEES

Janice Dunn Lee

This responds to your August 25, 2000, request.

Based on an analysis of FY 1999-2000 licensing data and interviews with licensing staff, we have concluded that no changes are required at this time in the schedule of fees for import-export licensing. Our findings are summarized below:

Part 170.21 Category K and Part 170.31 Category 15, "Import and Export Licenses"

1. Subcategories K.1. and 15.A. (Commission Review)

About 5% of the export/import license applications filed with NRC over the last two years required review and approval by the Commission. The number of hours of direct NRC staff effort (OIP, NMSS*, OGC) required to review and process such applications varied widely from case to case depending on the complexity of the underlying issues, intervention petitions, decisions to hold public meetings, etc. However, the 50-hour estimate used currently and in past years for these license applications is still a good average number for fee-collection purposes. Recommendation: No change.

2. Subcategories K.2. and 15.B. (Executive Branch Review)

About 15% of the export/import license cases the last two years required Executive Branch (EB) review and recommendations. The direct NRC staff effort required to review and process these cases continued to average about 30 hours each. *
Recommendation: No change.

3. Subcategories K.3. and 15. C. (Recipient Government Assurances)

About 48% of the export/import license cases required foreign government assurances (but did not require Commission or EB review). The NRC direct staff effort expended in reviewing and processing such applications averaged between 10 and 15 hours per case.

Recommendation: No change.

90
3:06
PM
10 OCT 31 1999

* per discussion w/ Ron Hanker, IP,
NMSS' hours should be added
See e-mail dated 3/7/01, G. Jackson to
C. Meigh for NMSS hours for items 1+2.

4. Subcategories K.4. and 15.D. (OIP Staff Review Only)

About 14% of the cases required only OIP staff review and processing. On average, the direct staff effort expended in such cases was less than 10-hours per case.

Recommendation: No change.

5. Subcategories K.5 and 15. E. (Minor amendment)

About 18% of the cases were of this type, often involving minimal OIP effort (~1.5 hours/case).

Recommendation: No change.

We intend to continue to monitor our import-export licensing activities and may have adjustments to propose at the time of the next biennial review.

cc: OGC
NMSS

From: Glenda Jackson
To: Charles Emeigh
Date: 3/7/01 7:47AM
Subject: Average time for export/import licenses

Chuck,

This is to confirm that, based on our conversation yesterday, NMSS's average time (currently 15 hours) has not changed related to applications for import or export licenses which must be reviewed by the Commissioners and the Executive Branch (for example, actions under 10 CFR 110.40(b); and NMSS's average time (currently 10 hours) related to applications for import or export licenses requiring Executive Branch review but not Commissioner review should be decreased to 8 hours average. I plan to use this information for purposes of the CFO ACT requirement to review fees biennially, and as part of the FY 2001 proposed fee rule, unless I hear from you otherwise. Thanks for your help!!!

CC: Claudia Seelig; dbd; Elizabeth Suarez

DETERMINATION OF RECIPROCITY PART 170 FEES*
FY 2001

NOTES:

The reciprocity application and revision fees are determined using FY 1995 data*, and the FY 2001 hourly rate.
The reciprocity application fee includes average costs for inspections, average costs for processing initial filings of NRC Form 241, and average costs for processing revisions to the initial filings of NRC Form 241.

Average inspection costs:

| Reciprocity Part 170 Fee Category | Inspection Fee Assessed | Total Amount Collected |
|---|-------------------------|---|
| Gauge Users (3P) | \$1,500 | |
| Number of FY 1993 Inspections Conducted | 10 | |
| Number of FY 1994 Inspections Conducted | 19 | |
| Total | 29 | \$43,500 |
| Radiography (3O) | \$3,500 | |
| Number of FY 1993 Inspections Conducted | 7 | |
| Number of FY 1994 Inspections Conducted | 13 | |
| Total | 20 | \$70,000 |
| Well Logging (5A) | \$3,600 | |
| Number of FY 1993 Inspections Conducted | 2 | |
| Number of FY 1994 Inspections Conducted | 4 | |
| Total | 6 | \$21,600 |
| Other Services (3N) | \$2,400 | |
| Number of FY 1993 Inspections Conducted | 3 | |
| Number of FY 1994 Inspections Conducted | 6 | |
| Total | 9 | \$21,600 |
| GRAND TOTAL | 64 | \$156,700 |
| Average cost per inspection= | \$2,448 | (TOTAL INSPECTION FEE ASSESSED/GRAND TOTAL INSPECTIONS) |

Initial Applications (Form 241) Processed by All Regions

| | |
|--------------|------------|
| FY 1993 | 176 |
| FY 1994 | 189 |
| Total | 365 |

64 inspections conducted/365 initial applications = 18% inspected of those filing initial applications

\$2,448 average cost per inspection
18% of those filing initial applications
\$441 be included in application fee

Average costs for processing initial filings of NRC Form 241:

| | |
|----------------|--------------|
| Average hours* | 5.6 |
| Hourly rate | \$144 |
| | \$806 |

Average cost for revisions to initial filings of NRC Form 241:

| | |
|--|----------|
| Cost per revision (No change to revision cost per NMSS*) | \$200 |
| No of revisions filed in FY 2000 | 115 |
| Total Revision fees paid in FY 2000 | \$23,000 |
| No. of initial NRC Forms 241 filed in FY 2000 | 174 |
| Average revision cost per initial NRC Form 241 | \$132 |

APPLICATION FEE:

| | |
|--|----------------|
| Amount for inspections | \$441 |
| Amount for initial filing of NRC Form 241 | \$806 |
| Amount for revisions to initial filing of NRC Form 241 | <u>\$132</u> |
| Total Application Fee | \$1,379 |
| Application Fee Rounded | \$1,400 |

* See December 8, 2000, memorandum, William Kane to Jesse Funches



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

December 8, 2000

79 Jim

MEMORANDUM TO: Jesse L. Funches
Chief Financial Officer

FROM : William F. Kane, Director
Office of Nuclear Material Safety
and Safeguards

SUBJECT: BIENNIAL REVIEW OF FEES

In response to your memorandum of August 25, 2000, the Office of Nuclear Material Safety and Safeguards (NMSS) has reviewed and updated its materials licensing and inspection data. In reviewing and analyzing the data, NMSS looked for anomalies, trends, and performed a reality check, i.e., considering programmatic reasons and management estimates as to the applicable time known to complete different licensing cases. Attachment 1 provides a table which includes new levels of staff effort for each of the flat fee licensing categories for new applications. This attachment also provides a detailed worksheet that supports the table. The worksheet includes direct staff hour expenditures for fiscal years 1995 through 1999 and the case completions for the same period of time. Attachment 2 provides a table and detailed worksheet for the materials inspection fee categories. Also, we note that the vast majority of the materials licenses (approximately 70%), i.e., 3P-Other Byproduct (no change) and 7C-Doctors/Hospitals/Medical Institutions (-9% decrease) showed minimal fluctuation in the data.

Attachment 1 includes several fee categories in which only a few or no licensing actions were completed during the review period. In an effort to keep these categories with a few licensing actions in perspective, NMSS proposes to use several different criteria, which are: 1) used last two years of data most representative of category; 2) new guidance or rule/trend down, used data from last two years; 3) small changes, few cases, not basis for change; 4) limited data in recent years; insufficient basis for changes in numbers; and 5) hearing or other anomaly. Conversely, in the fee categories in which sufficient data are available, i.e., those categories in which 20 or more actions were completed, NMSS suggests that fees be revised based on the new averages. Based on the actual detailed data, NMSS can support the changes and believes the materials licensing fees are reasonably fluctuating over the five-year period.

CONTACT: Elizabeth Jacobs-Baynard, NMSS/PMDA
301-415-7806

NMSS has the following recommendation regarding Category 10B:

Licensee Fee Category 10B, Part 71 QA Review, shows an increase in the flat fee of 60% which reflects an increase from 2.8 hours to 4.5 hours in the rolling five-year average (1995 - 1999) for hours to complete a review. While a small 1.7 hour increase in the average time to complete a QA review is not a significant matter, we did note that future updates of the flat fee using a rolling five-year average will have significant changes as a result of regulation changes and changes in the types and complexities of QA programs we review. For example, in the earlier years (mid 1990's), the QA reviews were mostly for the plutonium beryllium source recovery programs which only took 1-3 hours per review. Additionally, radiographers primarily were required to apply for a Part 71 QA program approval which required low average hours to review, but that requirement was terminated in 1997. Over the last two years ('98/'99), the QA reviews have focused on the mergers and acquisitions of the reactors and vendors. Although only a few reviews of this kind are performed (4 reviews in 1999), they were time intensive requiring an average of about 40 hours per review. Because the flat fee is based on a rolling five-year average, the average hours to complete a QA review is going to increase rapidly as '95, '96 and '97 data fall off. We will be calculating a 15 to 40 hour average in another couple of years.

Based on the changing nature of the activities in this fee category, NMSS recommends that the small current increase in the new flat fee (increase from 2.8 to 4.5 hours) be accepted.

NMSS analyzed its data with respect to processing of initial filing of Form NRC-241 (reciprocity work by Agreement States licensees in NRC jurisdiction) and the revisions to these filings. The data from the Regulatory Information Tracking System (RITS) showed that the hours charged to initial filings and revisions did not significantly change over the period, i.e., FY 1997 through FY 1999. Staff efforts for this process are recorded by use of the Reciprocity Tracking System (RTS). The RTS has experienced operational problems, and is still not a reliable source to obtain the required information. As other systems are implemented, such as STARFIRE, there may be an opportunity to improve the tracking of this activity. In addition, the staff believes that the \$200 revision fee has been difficult to implement fairly and efficiently, because of the need to distinguish between a "clarification" and a "revision," and the difficulty licensees have in predicting locations of reciprocal job sites. The amount collected for revisions in FY 2000 was relatively low, about \$23,000. Therefore, NMSS suggests that the revision fee be abolished, and the initial filing fee be increased from \$1,200 to about \$1,400. NMSS believes this would simplify the process for reciprocity licensees and NRC staff, while continuing to recover the costs of NRC's reciprocity program from those benefitting from NRC's reciprocity activities. NMSS notes that inspection costs were included in the application fee beginning in FY 1995 as a streamlining measure.

If there are questions related to the biennial review of materials flat fees or additional information is needed, please contact Elizabeth Jacobs-Baynard of my staff.

Attachments: As stated (2)

HOURLY RATE-FY 2001

CALCULATION OF STRATEGY RATES:

| STRATEGY: | Total No. of FTE: | Total S&B(\$K): | Strategy Rate (\$) |
|---|----------------------|--------------------|-----------------------|
| NUCLEAR REACTOR SAFETY | 1424 | 155,120 | 108,933 |
| NUCLEAR MATERIAL SAFETY (Excl. NWF & General Fund) | 374 | 39,593 | 105,864 |
| NWF & General Fund | 15 | 1,603 | 106,867 |
| NUCLEAR WASTE SAFETY (Excl. NWF & General Fund) | 206 | 22,429 | 108,879 |
| NWF & General Fund | 60.0 | 6,888 | 111,467 |
| INT'L NUCLEAR SAFETY & SUPPORT (excl. General Fund) | 32 | 3,486 | 108,938 |
| General Fund | 6 | 653 | 108,833 |
| MANAGEMENT AND SUPPORT | 614 | \$61,820 | 100,358 |
| General Fund | 0 | \$0 | 0 |
| INSPECTOR GENERAL | 44 | 4,270 | 97,045 |
| TOTAL | 2,775 | 295,462 | |

CALCULATION OF OVERHEAD:

| STRATEGY: | \$K | Total FTE | Strategy Rate | Grand Total | Overhead | Grand Total | | Surcharge Total | | Percent Surcharge | Overhead allocated to surcharge | | | Remaining Overhead (Overhead less allocation to surcharge) | | |
|---|---------|--------------|------------------|-------------|------------|-----------------------------|---------------|-----------------|----------------|----------------------|---------------------------------|-------|-----------|---|---------|-------------|
| | | | | | | NWF/ | Less Overhead | (Surcharge | FTE x Rate+\$) | | PGM \$ | FTE | Total | PGM \$ | FTE | Total |
| NUCLEAR REACTOR SAFETY | 63,286 | 1424 | 108,933 | 218,406,000 | 56,418,000 | General Fund - NWF/Gen fund | 161,988,000 | 1,411,710 | 0.87% | | 69,222 | 3.88 | 491,678 | 7,873,778 | 441.12 | 55,926,322 |
| NUCLEAR MATERIAL SAFETY (Excl. NWF & General Fund) | 11,591 | 374 | 105,864 | 51,184,000 | 14,685,909 | | 36,498,091 | 12,331,572 | 33.79% | | 741,285 | 39.87 | 4,961,913 | 1,452,715 | 78.13 | 9,723,996 |
| NWF & General Fund | 944 | 15 | 106,867 | 2,547,000 | | 2,547,000 | 0 | 0 | 0.00% | | 0 | 0.00 | 0 | 0 | 0.00 | 0 |
| NUCLEAR WASTE SAFETY (Excl. NWF & General Fund) | 15,193 | 206 | 108,879 | 37,622,000 | 6,898,083 | | 30,723,917 | 7,276,167 | 23.68% | | 163,882 | 13.50 | 1,633,633 | 528,118 | 43.50 | 5,264,450 |
| NWF & General Fund | 14,912 | 60 | 111,467 | 21,600,000 | | 21,600,000 | 0 | 0 | 0.00% | | 0 | 0.00 | 0 | 0 | 0.00 | 0 |
| INT'L NUCLEAR SAFETY & SUPPORT (Excl. General fund) | 623 | 32 | 108,938 | 4,109,000 | 1,664,313 | | 2,444,688 | 2,286,728 | 93.54% | | 435,890 | 10.29 | 1,556,776 | 30,110 | 0.71 | 107,537 |
| General Fund | 0 | 6.00 | 108,833 | 653,000 | | 653,000 | 0 | 0 | 0.00% | | 0 | 0.00 | 0 | 0 | 0.00 | 0 |
| MANAGEMENT AND SUPPORT | 84,159 | 614 | 100,358 | 145,779,000 | 0 | | 145,779,000 | 232,717 | 0.16% | | 0 | 0.00 | 0 | 84,026,000 | 594.00 | 143,638,834 |
| General Fund | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0.00% | | 0 | 0.00 | 0 | 0 | 0.00 | 0 |
| INSPECTOR GENERAL | 1,230 | 44 | 97,045 | 5,500,000 | 0 | | 5,500,000 | 0 | 0.00% | | 0 | 0.00 | 0 | 1,230,000 | 44.00 | 5,500,000 |
| TOTAL | 191,938 | 2775 | | 487,400,000 | 79,666,304 | 24,800,000 | 382,933,696 | 23,538,894 | | | 1,410,280 | 68 | 8,643,999 | 95,140,720 | 1201.47 | 220,161,139 |
| | | | NWF&Gen Fund | 24,800,000 | | | | | | | | | | -M&S/IG | | 149,138,834 |
| | | | | | | | | | | | | | | | | 71,022,305 |

ALLOCATION OF Non-DIRECT MANAGEMENT & SUPPORT (M&S) AND INSPECTOR GENERAL (IG):

| | | |
|---------------------------|----------------|-------------------|
| MANAGEMENT AND SUPPORT | Grand Total \$ | |
| INSPECTOR GENERAL | 145,779,000 | |
| | 5,500,000 | |
| Total | 151,279,000 | |
| Less Reactor Direct M&S | 1,806,450 | |
| Less Materials Direct M&S | 0 | |
| Less M&S Direct PS \$ | 101,000 | |
| Less Surcharge Direct M&S | 232,717 | |
| Total to Allocate: | 149,138,834 | |
| ALLOCATION: | | |
| Direct | (%) | M&S/IG Allocation |
| Reactors | 67.61% | 100,836,393 |
| Materials | 19.11% | 28,496,069 |
| Surcharge | 13.28% | 19,806,372 |
| Total | 100.00% | 149,138,834 |

REACTORS

| | PGM \$,K (Excl. from Hr. Rate) | FTE | STRATEGY RATE | (A) TOTAL |
|--|--|--------------------------|------------------|--------------|
| NUCLEAR REACTOR SAFETY | | | | |
| DIRECT | \$54,676 | 966.86 | 108,933 | 105,322,468 |
| O/H | | | | 55,736,185 |
| SURCHARGE | | | | |
| NUCLEAR MATERIAL SAFETY | | | | |
| DIRECT | \$1,124 | 5.82 | 105,864 | 616,126 |
| O/H | | | | 319,183 |
| SURCHARGE | | | | |
| NUCLEAR WASTE SAFETY | | | | |
| DIRECT | \$0 | 0.30 | 108,879 | 32,664 |
| O/H | | | | 13,529 |
| SURCHARGE | | | | |
| INTERNATIONAL NUCLEAR SAFETY & SUPPORT | | | | |
| DIRECT | \$0 | 0.00 | 108,938 | 0 |
| O/H | | | | 0 |
| SURCHARGE | | | | |
| Subtotal | \$55,800 | 972.98 | | 162,040,154 |
| ===== | | | | |
| MANAGEMENT AND SUPPORT | | | | |
| DIRECT | \$101 | 18.00 | 100,358 | 1,806,450 |
| O/H | | | | 0 |
| SURCHARGE | | | | |
| INSPECTOR GENERAL | | | | |
| DIRECT | \$0 | 0.00 | 97,045 | 0 |
| O/H | | | | 0 |
| SURCHARGE | | | | |
| Total Direct M&S and IG | Subtotal \$101 | 18.00 | | 1,806,450 |
| Total Reactor Direct & overhead | \$55,901 | 990.98 | | 163,846,603 |
| Total Allocated M&S/IG | | | | 100,836,393 |
| TOTAL | \$55,901 | 990.98 | | 264,682,996 |
| | | Less Offsetting Receipts | | 94,828 |
| | | REACTORS GRAND TOTAL | | 264,588,168 |
| REACTOR FTE RATE: | \$266,997 (Reactors Grand Total/Reactor total FTE) | | | |
| REACTOR HOURLY RATE: | \$150 (Reactor FTE rate/1776 hours) | | | |

Overhead Included in Hourly Rate
(TOTAL (B) is allocated to the Reactors and Materials Programs
overhead (O/H) based on the percentage of their Total Direct (A)
to the REACTOR AND MATERIALS TOTAL DIR (C)

| | PGM \$ | FTE | TOTAL | REACTOR AND MATERIALS TOTAL DIRECT | Included in Surcharge | Allocated Overhead | Total |
|-------|-------------|--------|--------------|--|----------------------------|-----------------------|--------------|
| | \$7,873,778 | 441.12 | \$55,926,322 | \$105,681,764 | | | |
| | | | | | \$1,411,710 | \$491,678 | \$1,903,388 |
| | \$1,452,715 | 78.13 | \$9,723,996 | \$18,770,467 | | | |
| | | | | | \$12,331,572 | \$4,961,913 | \$17,293,485 |
| | \$528,118 | 43.50 | \$5,264,450 | \$12,710,228 | | | |
| | | | | | \$7,276,167 | \$1,633,633 | \$8,909,800 |
| | \$30,110 | 0.71 | \$107,537 | \$157,959 | | | |
| | | | | | \$2,286,728 | \$1,556,776 | \$3,843,504 |
| | \$9,884,720 | 563.47 | \$71,022,305 | | Subtotal \$23,306,177 | \$8,643,999 | \$31,950,176 |
| | | | | | | | |
| | | | | | \$232,717 | \$0 | \$232,717 |
| | | | | | \$0 | \$0 | \$0 |
| Total | | | | | Total \$23,538,894 | \$8,643,999 | \$32,182,893 |
| | | | | | | | |
| | | | | | M&S allocated to surcharge | | \$19,806,372 |
| | | | | | Less offsetting receipts | | \$1,382 |
| | | | | | GRAND TOTAL SURCHARGE | | \$51,987,883 |
| | | | | | Less PS\$ | | \$43,585,983 |
| | | | | | SURCHARGE RATE: | | \$308,362 |

| MATERIALS | PGM \$,K | FTE | CC rate | TOTAL |
|--|----------------|---|--------------------------|--------------|
| NUCLEAR REACTOR SAFETY | | | | |
| DIRECT | \$218 | 3.30 | \$108,933 | \$359,296 |
| O/H | | | | \$190,138 |
| SURCHARGE | | | | |
| NUCLEAR MATERIAL SAFETY | | | | |
| DIRECT | \$4,272 | 171.49 | \$105,864 | \$18,154,341 |
| O/H | | | | \$9,404,813 |
| SURCHARGE | | | | |
| NUCLEAR WASTE SAFETY | | | | |
| DIRECT | \$10,738 | 116.44 | \$108,879 | \$12,677,564 |
| O/H | | | | \$5,250,921 |
| SURCHARGE | | | | |
| INTERNATIONAL NUCLEAR SAFETY & SUPPORT | | | | |
| DIRECT | \$0 | 1.45 | \$108,938 | \$157,959 |
| O/H | | | | \$107,537 |
| SURCHARGE | | | | |
| Subtotal | \$15,228 | 292.67 | | \$46,302,570 |
| ===== | | | | |
| MANAGEMENT AND SUPPORT | | | | |
| DIRECT | \$0 | 0.00 | \$100,358 | \$0 |
| O/H | | | | \$0 |
| SURCHARGE | | | | |
| INSPECTOR GENERAL | | | | |
| DIRECT | \$0 | 0.00 | \$97,045 | \$0 |
| O/H | | | | \$0 |
| SURCHARGE | | | | |
| Total Direct M&S | Subtotal \$0 | 0 | | \$0 |
| Total Materials Direct & overhead | \$15,228 | 292.67 | | \$46,302,570 |
| Total Allocated M&S | | | | \$28,496,069 |
| | Total \$15,228 | 292.67 | | \$74,798,639 |
| | | | Less Offsetting Receipts | \$2,020 |
| | | | MATERIALS GRAND TOTAL | \$74,796,619 |
| MATERIALS FTE RATE: | \$255,563 | (Materials Grand Total/Materials total FTE) | | |
| MATERIALS HOURLY RATE: | \$144 | (Materials FTE Rate/1776 hours) | | |

//

Summary:

| | Reactors | Materials | Surcharge | Direct PS \$ | Off Fee Base | TOTAL |
|------------------------------------|---------------|--------------|--------------|--------------|--------------|--------------------|
| Direct Program Salary and Benefits | \$107,777,707 | \$31,349,161 | \$23,538,894 | | | 162,665,762 |
| Overhead | \$56,068,896 | \$14,953,409 | \$8,643,999 | | | 79,666,304 |
| Allocated M&S/IG | \$100,836,393 | \$28,496,069 | \$19,806,372 | | | <u>149,138,834</u> |
| TOTAL | \$264,682,996 | \$74,798,639 | \$51,989,265 | 71,129,100 | 24,800,000 | 487,400,000 |

FY 2001

ESTIMATED COLLECTIONS
\$ in Millions
(All dollar amounts are rounded)

Part 171 Annual Fees

| | |
|---|--------------|
| Operating Power Reactors | \$258.7 |
| Spent Fuel Storage/Reactor Decommissioning | 32.2 |
| Nonpower Reactors | .3 |
| Fuel Facilities | 17.4 |
| Uranium Recovery | 1.5 |
| Rare Earth Facilities | .1 |
| Transportation | 3.0 |
| Materials Users | <u>18.4</u> |
| Subtotal Part 171 | \$331.6 |
| Part 170 License and Inspection Fees | <u>118.2</u> |
| Subtotal Parts 171 and 170 Fees | \$449.8 |
| Other Offsetting Receipts/Adjustments | <u>3.5</u> |
| TOTAL ESTIMATED COLLECTIONS | \$453.3 |
| NWF Appropriation | 21.6 |
| General Fund | 3.2 |
| 2 percent of budget (reduction in fee recovery amount For FY 2001) | <u>9.3</u> |
| Total Budget Authority | \$487.3 |



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

May 25, 2001

NOTE TO: Glenda C. Jackson
Assistant for Fee Policy and Rules

FROM: Diane B. Dandois, Chief *Diane B. Dandois*
License Fee and Accounts Receivable Branch

SUBJECT: ESTIMATED FY 2001 COLLECTIONS - 10 CFR 170

The following is our updated estimate of collections for FY 2001.

| <u>Facilities Program</u> | <u>Licensing</u> | <u>Inspection</u> | <u>Total</u> |
|---------------------------|------------------|-------------------|--------------|
| 1. Power Reactors | | | |
| Part 55 Operator Exams | \$3.7 | _____ | \$3.7 |
| OLs under review | .1 | _____ | .1 |
| Standard Plants | .1 | _____ | .1 |
| Topicals | 2.5 | _____ | 2.5 |
| Part 50 Amendments | 33.2 | _____ | 33.2 |
| Part 50 Inspections | - | 57.2 | 57.2 |
| Decommissioning | <u>2.2</u> | <u>1.5</u> | <u>\$3.7</u> |
| | \$41.8 | \$58.7 | \$100.5 |
| 2. Research Reactors | | | |
| | <u>.1</u> | <u>-</u> | <u>.1</u> |
| Total Facilities | \$41.9 | \$58.7 | \$100.6 |

| <u>Materials Program</u> | <u>Licensing</u> | <u>Inspection</u> | <u>Total</u> |
|--------------------------|-------------------|-------------------|-------------------|
| 1. Fuel Facilities | \$3.8 | \$2.7 | \$6.5 |
| 2. Spent Fuel Storage | 4.9 | .5 | 5.4 |
| 3. Transportation | 1.2* | .1 | 1.3 |
| 4. Uranium Recovery | 2.5 | .3 | 2.8 |
| 5. Rare Earth Facilities | .8 | - | .8 |
| 6. Materials Program | .4 | - | .4 |
| Total Materials | <u> </u> | <u> </u> | <u> </u> |
| | \$13.6 | \$3.6 | \$17.2 |
| <u>Other</u> | | | |
| 1. Export/Import | <u>.4</u> | <u>-</u> | <u>.4</u> |
| Total Materials | \$14.0 | \$3.6 | \$17.6 |
| Grand Total | \$55.9 | \$62.3 | \$118.2 |

*Includes .1 estimate for transportation route approvals

FY 2001 DIRECT RESOURCES

| | TOTAL | | POWER REACTORS | | SPENT FUEL STORAGE/ REACTOR DECOMM. | | NON-POWER REACTORS | | FUEL FACILITY | | MATERIALS | | TRANSPORTATION | | RARE EARTH FACILITIES | | URANIUM RECOVERY | | OTHER APPLICANTS | | INCLUDED IN SURCHARGE | |
|-------------------------------------|---------|--------|----------------|-------|--|-------|-----------------------|-----|---------------|------|-----------|------|----------------|------|--------------------------|--------|------------------|------|------------------|-----|--------------------------|-------|
| | \$,K | FTE | \$,K | FTE | \$,K | FTE | \$,K | FTE | \$,K | FTE | \$,K | FTE | \$,K | FTE | \$,K | FTE | \$,K | FTE | \$,K | FTE | \$,K | FTE |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| NUCLEAR REACTOR SAFETY | 63,286 | 1,424 | 54,626 | 966 | 218 | 3 | 50 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 448 | 9 |
| NUCLEAR MATERIALS SAFETY | 11,591 | 374 | 1,084 | 6 | 725 | 12 | 40 | 0 | 1,994 | 70 | 1,179 | 67 | 149 | 7 | 0 | 2 | 224 | 14 | 0 | 0 | 4,001 | 79 |
| NUCLEAR WASTE SAFETY | 15,193 | 206 | 0 | 0 | 9,106 | 91 | 0 | 0 | 655 | 4 | 529 | 10 | 366 | 10 | 65 | 1 | 17 | 0 | 0 | 0 | 3,763 | 32 |
| INTERNAT'L NUCLEAR SAFETY & SUPPORT | 623 | 32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 157 | 20 | |
| MANAGEMENT AND SUPPORT | 84,159 | 614 | 101 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 2 | |
| INSPECTOR GENERAL | 1,230 | 44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| SUBTOTAL - FEE BASE RESOURCE | 176,082 | 2694.0 | 55,811.2 | 990.0 | 10,049.8 | 106.7 | 90.2 | 1.0 | 2,649.1 | 73.7 | 1,708.2 | 77.3 | 514.9 | 16.2 | 65.0 | 2.9200 | 240.7 | 14.3 | 0.0 | 1.5 | 8,401.9 | 141.3 |
| ===== | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | |
|---|----------|-------|-------|-------|-------|-------|--------|--------|-------|------|
| FY 2001 FEE AMOUNTS | 320.1 | 37.3 | 0.4 | 21.5 | 21.5 | 4.7 | 0.8112 | 3.9 | 0.371 | 52.0 |
| LESS PART 170 FEES | 96.8 | 9.1 | 0.1 | 6.5 | 0.4 | 1.3 | 0.8080 | 2.8 | 0.371 | |
| | = | = | = | = | = | = | = | = | = | |
| PART 171 ANNUAL FEES | 223.3 | 28.2 | 0.3 | 15.0 | 21.1 | 3.4 | 0.0 | 1.1 | (0.0) | |
| | | | | | | | | | | |
| % OF BUDGET (EXCL. SURCHARGE, OTHER APPL. & SMALL ENTITY) | 79.13% | 9.23% | 0.09% | 5.31% | 3.92% | 1.15% | 0.20% | 0.96% | N/A | |
| | | | | | | | | | | |
| Surcharge (including small entity) | 38,16388 | 4.3 | 0.0 | 2.6 | 2.1 | 0.5 | 0.1 | 0.4 | N/A | |
| | | | | | | | | | | |
| Part 171 billing adjustments | (2.8) | (0.3) | (0.0) | (0.2) | (0.1) | (0.0) | (0.0) | (0.03) | N/A | |
| TOTAL FY 2001 ANNUAL FEE | 258.7 | 32.2 | 0.3 | 17.4 | 23.1 | 3.9 | 0.0896 | 1.5 | (0.0) | |

| | |
|--|---------|
| FTE RATES | |
| REACTOR PROGRAM = | 266,997 |
| MATERIALS PROGRAM = | 255,563 |
| SURCHARGE= | 308,362 |
| | |
| | \$,M |
| SMALL ENTITY SUBSIDY = | 5.6 |
| Total Surcharge (Reflects 2% off the fee base) | 48.3 |
| | |
| TOTAL PART 171 BILLING ADJUSTMENTS | \$,K |
| Est. Unpaid FY 2001 Part 171 Bills | 3.20 |
| Est. Payments From Prior Year Part 171 Bills | (3.65) |
| Adjustment for addtl FY 2000 collections | (3.10) |
| ===== | |
| Total | (3.55) |

NOTE: THIS APPENDIX WILL NOT APPEAR IN THE CODE OF FEDERAL REGULATIONS.

APPENDIX A TO THIS FINAL 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 (RFA), as amended, (5 U.S.C. 601 et seq.) requires that agencies consider the impact of their rulemakings on small entities and, consistent with applicable statutes, consider alternatives to minimize these impacts on the businesses, organizations, and government jurisdictions to which they apply.

The NRC has established standards for determining which NRC licensees qualify as small entities (10 CFR 2.801). These size standards reflect the Small Business Administration's most common receipts-based size standards and include a size standard for business concerns that are manufacturing entities. The NRC uses the size standards to reduce the impact of annual fees on small entities by establishing a licensee's eligibility to qualify for a maximum small entity fee. The small entity fee categories in §171.16(c) of this final rule are based on the NRC's size standards.

From FY 1991 through FY 2000, the Omnibus Budget Reconciliation Act (OBRA-90), as amended, required that the NRC recover approximately 100 percent of its budget authority, less appropriations from the Nuclear Waste Fund, by assessing license and annual fees. The FY 2001 Energy and Water Development Appropriations Act amended OBRA-90 to decrease the NRC's fee recovery amount for FY 2001 to 98 percent of the NRC's budget. Certain NRC costs related to reviews and assistance provided to other Federal agencies and States were excluded from the fee recovery requirement for FY 2001 by the Energy and Water Development Appropriations Act. The amount to be recovered for FY 2001 is approximately \$453.3 million.

OBRA-90 requires that the schedule of charges established by rule should fairly and equitably allocate the total amount to be recovered from NRC's licensees and be assessed under the principle that licensees who require the greatest expenditure of agency resources pay the greatest annual charges. Since 1991, the NRC has complied with OBRA-90 by issuing a final rule that amends its fee regulations. These final rules have established the methodology used by NRC in identifying and determining the fees to be assessed and collected in any given fiscal year.

In FY 1995, the NRC announced that, in order to stabilize fees, annual fees would be adjusted only by the percentage change (plus or minus) in NRC's total budget authority, adjusted for changes in estimated collections for 10 CFR Part 170 fees, the number of licensees paying annual fees, and as otherwise needed to assure the billed amounts resulted in the required collections. The NRC indicated that if there were a substantial change in the total NRC budget authority or the magnitude of the budget allocated to a specific class of licensees, the annual fee base would be recalculated.

In FY 1999, the NRC concluded that there had been significant changes in the allocation of agency resources among the various classes of licensees and established rebaselined annual fees for FY 1999. The NRC stated in the final FY 1999 rule that to stabilize fees it would continue to adjust the annual fees by the percent change method established in FY 1995, unless there were a substantial change in the total NRC budget or the magnitude of the budget allocated to a specific class of licensees, in which case the annual fee base would be reestablished.

After carefully considering all factors, including the changes to the amount of the budget allocated to classes of licensees, and weighing the complex issues related to both fairness and stability of fees, the Commission has determined that it is appropriate to rebase its Part 171 annual fees in FY 2001. This rebaselining results in reduced annual fees for a majority of the categories of licenses, and increased annual fees for other categories.

The Small Business Regulatory Enforcement Fairness Act of 1996 (SBREFA) is intended to reduce regulatory burdens imposed by Federal agencies on small businesses, nonprofit organizations, and governmental jurisdictions. SBREFA also provides Congress with the opportunity to review agency rules before they go into effect. Under this legislation, the NRC annual fee rule is considered a "major" rule and must be reviewed by Congress and the Comptroller General before the rule becomes effective. SBREFA also requires that an agency prepare a guide to assist small entities in complying with each rule for which a final regulatory flexibility analysis is prepared. This Regulatory Flexibility Analysis (RFA) and the small entity compliance guide (Attachment 1) have been prepared for the FY 2001 fee rule as required by law.

II. Impact on small entities.

The fee rule results in substantial fees being charged to those individuals, organizations, and companies that are licensed by the NRC, including those licensed under the NRC materials program. The comments received on previous proposed fee rules and the small entity certifications received in response to previous proposed fee rules indicate that NRC licensees qualifying as small entities under the NRC's size standards are primarily materials licensees. Therefore, this analysis will focus on the economic impact of the annual fees on materials licensees. About 20 percent of these licensees (approximately 1,400 licensees for FY 2000) have requested small entity certification in the past.

The commenters on previous fee rulemakings consistently indicated that the following results would occur if the proposed annual fees were not modified.

1. Large firms would gain an unfair competitive advantage over small entities. Commenters noted that small and very small companies ("mom and pop" operations) would find it more difficult to absorb the annual fee than a large corporation or a high-volume type of operation. In competitive markets, such as soils testing, annual fees would put small licensees at an extreme competitive disadvantage with their 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.

2. Some firms would be forced to cancel their licenses. A licensee 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. Other licensees, especially well-loggers, noted that the increased fees would force 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.

3. 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.

4. Some companies would have budget problems. Many medical licensees noted that, along with reduced reimbursements, the proposed increase of the existing fees and the introduction of additional fees would significantly affect their budgets. Others 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.

Since annual fees for materials licenses were first established in 1991, approximately 3,000 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.

To alleviate the significant impact of the annual fees on a substantial number of small entities, the NRC considered the following alternatives in accordance with the RFA as it developed each of its fee rules since 1991.

1. Base fees on some measure of the amount of radioactivity possessed by the licensee (e.g., number of sources).
2. Base fees on the frequency of use of the licensed radioactive material (e.g., volume of patients).
3. Base fees on the NRC size standards for small entities.

The NRC has reexamined its previous evaluations of these alternatives and continues to believe that establishment of a maximum fee for small entities is the most appropriate and effective option for reducing the impact of its fees on small entities.

III. Maximum Fee

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. In developing the maximum small entity annual fee in FY 1991, the NRC examined its 10 CFR Part 170 licensing and inspection fees and Agreement State fees for those fee categories which were expected to have a substantial number of small entities. Six Agreement States--Washington, Texas, Illinois, Nebraska, New York, and Utah, were used as benchmarks in the establishment of the maximum small entity annual fee in 1991. Because small entities in those Agreement States were paying the fees, the NRC concluded that these fees did not have a significant impact on a substantial number of small entities. Therefore, those fees were considered a useful benchmark in establishing the NRC maximum small entity annual fee.

The NRC maximum small entity fee was established as an annual fee only. In addition to the annual fee, NRC small entity licensees were required to pay amendment, renewal and inspection fees. In setting the small entity annual fee, NRC ensured that the total amount small entities paid annually would not exceed the maximum paid in the six benchmark Agreement States.

Of the six benchmark states, the maximum Agreement State fee of \$3,800 in Washington was used as the ceiling for the total fees. Thus the NRC's small entity fee was developed to ensure that the total fees paid by NRC small entities would not exceed \$3,800. Given the NRC's 1991 fee structure for inspections, amendments, and renewals, a small entity annual fee established at \$1,800 allowed the total fee (small entity annual fee plus yearly average for inspections, amendments and renewal fees) for all categories to fall under the \$3,800 ceiling.

In 1992, the NRC introduced a second, lower tier to the small entity fee in response to concerns that the \$1,800 fee, when added to the license and inspection fees, still imposed a significant impact on small entities with relatively low gross annual receipts. For purposes of the annual fee, each small entity size standard was divided into an upper and lower tier. Small entity licensees in the upper tier continued to pay an annual fee of \$1,800 while those in the lower tier paid an annual fee of \$400.

Based on the changes that had occurred since FY 1991, the NRC re-analyzed its maximum small entity annual fees in FY 2000 and determined that the small entity fees should be increased by 25 percent to reflect the increase in the average fees paid by other materials licensees since FY 1991, as well as changes in the fee structure for materials licensees. The structure of the fees that NRC charged to its materials licensees changed during the period between 1991 and 1999. Costs for materials license inspections, renewals, and amendments, which were previously recovered through Part 170 fees for services, are now included in the Part 171 annual fees assessed to materials licensees. As a result of the re-analysis, the maximum small entity annual fee was increased from \$1,800 to \$2,300 in FY 2000. By increasing the maximum annual fee for small entities from \$1,800 to \$2,300, the annual fee for many small entities was reduced while at the same time materials licensees, including small entities, would pay for most of the costs attributable to them. The costs not recovered from small entities are allocated to other materials licensees and to power reactors.

While reducing the impact on many small entities, the NRC determined that the maximum annual fee of \$2,300 for small entities may continue to have a significant impact on materials licensees with annual gross receipts in the thousands of dollars range. Therefore, the NRC

continued to provide a lower-tier small entity annual fee for small entities with relatively low gross annual receipts, and for manufacturing concerns and educational institutions not State or publicly supported, with less than 35 employees. The NRC also increased the lower tier small entity fee by the same percentage increase to the maximum small entity annual fee. This 25 percent increase resulted in the lower tier small entity fee increasing from \$400 to \$500 in FY 2000.

In the FY 2000 fee rule (65 FR 36946; June 12, 2000), the NRC stated that it would re-examine small entity fees each year that annual fees are rebaselined. Accordingly, the NRC has re-examined the small entity fees, and does not believe that a change to the small entity fees is warranted for FY 2001. The revision to the small entity fees in FY 2000 was the first change to the fees since they were introduced in FY 1991 and FY 1992. The revised fees were based on the 25 percent increase in average total fees assessed to other materials licensees since the small entity fees were first established and changes that had occurred in the fee structure for materials licensees over time. The NRC does not consider the approximately 13 percent decrease in the average FY 2001 fees for other licensees to be significant enough to warrant another change to the small entity fees this year.

Unlike the annual fees assessed to other licensees, the small entity fees are not designed to recover the agency costs associated with particular licensees. Rather, they are designed to provide some fee relief for qualifying small entity licensees while at the same time recovering from those licensees some of the agency's costs for activities that benefit them. The costs not recovered from small entities must be recovered from other licensees. The current small entity fees of \$500 and \$2,300 provide considerable relief to many small entities.

The NRC has declined to adopt the suggestion of one commenter on the FY 2001 proposed fee rule that the NRC establish additional tiers of annual fees for small entities to further reduce the license fee burden on smaller entities. Reductions in the fees for small entities must be paid by other NRC licensees in order to meet the requirements of OBRA-90, as amended, that NRC must recover most of its budget through fees. While establishing more tiers would provide additional fee relief for some small entities, it would result in an increase in the small entity subsidy other licensees pay. For FY 2000, approximately 35 percent of the small entities qualifying for reduced annual fees qualified for the lower tier small entity fee. The NRC believes that maintaining a single lower tier annual fee for small entities with relatively low gross annual receipts of less than \$350,000, for small governmental jurisdictions with a population of less than 20,000, and for manufacturing entities that have an average of less than 35 employees continues to provide a further reduction of the impact of the annual fees to a significant number of small entities.

In the future the NRC plans to re-examine the small entity fees every two years, in the same years in which it conducts the biennial review of fees as required by the CFO Act, instead of each year that annual fees are rebaselined as indicated in the FY 2000 fee rule. The annual fees for materials users now include the cost of amendments, renewals, and inspections. However, at a maximum, annual fees are rebaselined every three years, but may be rebaselined earlier if warranted. Therefore, reviewing the small entity fees only when the annual fees are rebaselined results in a variable schedule for the re-examinations and any potential changes to the fees. Re-examining the small entity annual fees every two years, on the same schedule as the biennial review under the CFO Act, provides a routine, predictable schedule and allows

licensees to anticipate when potential changes to these fees might occur. Therefore, the NRC plans to re-examine the small entity fees in FY 2003.

IV Summary

The NRC has determined that the 10 CFR Part 171 annual fees significantly impact a substantial number of small entities. A maximum fee for small entities strikes a balance between the requirement to recover 98 percent of the NRC budget and the requirement to consider means of reducing the impact of the fee on small entities. On the basis of its regulatory flexibility analysis, the NRC concludes that a maximum annual fee of \$2,300 for small entities and a lower-tier small entity annual fee of \$500 for small businesses and not-for-profit organizations with gross annual receipts of less than \$350,000, small governmental jurisdictions with a population of less than 20,000, small manufacturing entities that have less than 35 employees, and educational institutions that are not State or publicly supported and have less than 35 employees, reduces the impact on small entities. At the same time, these reduced annual fees are consistent with the objectives of OBRA-90. Thus, the fees for small entities maintain a balance between the objectives of OBRA-90 and the RFA. Therefore, the analysis and conclusions established in the FY 2000 fee rule remain valid for FY 2001.

ATTACHMENT 1 TO APPENDIX A

U. S. Nuclear Regulatory Commission
Small Entity Compliance Guide
Fiscal Year 2001

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|--|---|
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Introduction

The Small Business Regulatory Enforcement Fairness Act of 1996 (SBREFA) requires all Federal agencies to prepare a written guide for each "major" final rule as defined by the Act. The NRC's fee rule, published annually to comply with the Omnibus Budget Reconciliation Act of 1990 (OBRA-90), as amended, is considered a "major" rule under SBREFA. Therefore, in compliance with the law, this compliance guide has been prepared to assist NRC material licensees in complying with the FY 2001 fee rule.

Licensees may use this guide to determine whether they qualify as a small entity under NRC regulations and are eligible to pay reduced FY 2001 annual fees assessed under 10 CFR Part 171. The NRC has established two tiers of separate annual fees for those materials licensees who qualify as small entities under NRC's size standards.

Licensees who meet NRC's size standards for a small entity must submit a completed NRC Form 526 "Certification of Small Entity Status for the Purposes of Annual Fees Imposed Under 10 CFR Part 171" to qualify for the reduced annual fee. Effective with the final FY 2001 fee rule, the NRC will phase out sending NRC Form 526 with each materials license annual fee invoice. This form can be accessed on the NRC's external web site at <http://www.nrc.gov>. The form can then be accessed by selecting "Planning & Financial Management" and then selecting "NRC License Fee Program" and under "Forms" selecting NRC Form 526. Licensees who cannot access the NRC's external web site may obtain NRC Form 526 through the local point of contact listed in the NRC's "Materials Annual Fee Billing Handbook," NUREG/BR-0238, which is enclosed with each annual fee billing. Alternatively, the form may be obtained by calling the fee staff at 301-415-7554, or by e-mailing the fee staff at fees@nrc.gov. The completed form, the appropriate small entity fee, and the payment copy of the invoice should be mailed to the U.S. Nuclear Regulatory Commission, License Fee and Accounts Receivable Branch, to the address indicated on the invoice. Failure to file the NRC small entity certification Form 526 in a timely manner may result in the denial of any refund that might otherwise be due.

NRC Definition of Small Entity

The NRC has defined a small entity for purposes of compliance with its regulations (10 CFR 2.810) as follows:

1. *Small business*--a for-profit concern that provides a service or a concern not engaged in manufacturing with average gross receipts of \$5 million or less over its last 3 completed fiscal years;
2. *Manufacturing industry*--a manufacturing concern with an average number of 500 or fewer employees based upon employment during each pay period for the preceding 12 calendar months;
3. *Small organization*--a not-for-profit organization which is independently owned and operated and has annual gross receipts of \$5 million or less;
4. *Small governmental jurisdiction*--a government of a city, county, town, township, village, school district or special district with a population of less than 50,000;

5. *Small educational institution*—an educational institution supported by a qualifying small governmental jurisdiction, or one that is not state or publicly supported and has 500 or fewer employees.¹

To further assist licensees in determining if they qualify as a small entity, we are providing the following guidelines, which are based on the Small Business Administration regulations.

1. A small business concern is an independently owned and operated entity which is not considered dominant in its field of operations.

2. The number of employees means the total number of employees in the parent company, any subsidiaries and/or affiliates, including both foreign and domestic locations (i.e., not solely the number of employees working for the licensee or conducting NRC licensed activities for the company).

3. Gross annual receipts includes all revenue received or accrued from any source, including receipts of the parent company, any subsidiaries and/or affiliates, and account for both foreign and domestic locations. Receipts include all revenues from sales of products and services, interest, rent, fees, and commissions, from whatever sources derived (i.e., not solely receipts from NRC licensed activities).

4. A licensee who is a subsidiary of a large entity does not qualify as a small entity.

NRC Small Entity Fees

In 10 CFR 171.16 (c), the NRC has established two tiers of small entity fees for licensees that qualify under the NRC's size standards. The fees are as follows:

| <u>Small Business Not Engaged in Manufacturing and Small Not-For Profit Organizations (Gross Annual Receipts)</u> | <u>Maximum Annual Fee Per Licensed Category</u> |
|---|---|
| \$350,000 to \$5 million | \$2,300 |
| Less than \$350,000 | \$500 |

¹ An educational institution referred to in the size standards is an entity whose primary function is education, whose programs are accredited by a nationally recognized accrediting agency or association, who is legally authorized to provide a program of organized instruction or study, who provides an educational program for which it awards academic degrees, and whose educational programs are available to the public.

Manufacturing entities that
have an average of 500
employees or less

| | |
|------------------------|---------|
| 35 to 500 employees | \$2,300 |
| Less than 35 employees | \$500 |

Small Governmental Jurisdictions
(Including publicly supported
educational institutions)
(Population)

| | |
|------------------|---------|
| 20,000 to 50,000 | \$2,300 |
| Less than 20,000 | \$500 |

Educational Institutions that
are not State or Publicly
Supported, and have 500 Employees
or Less

| | |
|------------------------|---------|
| 35 to 500 employees | \$2,300 |
| Less than 35 employees | \$500 |

To pay a reduced annual fee, a licensee must use NRC Form 526. Effective with the final FY 2001 fee rule, the NRC is phasing out mailing NRC Form 526 with each annual fee invoice issued to materials licensees. Instead, licensees can access this form on the NRC's external web site at <http://www.nrc.gov>. The form can then be accessed by selecting "Planning & Financial Management" and then selecting "NRC License Fee Program" and under "Forms" selecting NRC Form 526. Those licensees that qualify as a "small entity" under the NRC size standards at 10 CFR Part 2.810 would be able to complete the form in accordance with the instructions provided, and submit the completed form and the appropriate payment to the address provided on the invoice. Licensees who cannot access the NRC's external web site may obtain NRC Form 526 through the local point of contact listed in the NRC's "Materials Annual Fee Billing Handbook," NUREG/BR-0238, which is enclosed with each annual fee invoice. Alternatively, licensees may obtain the form by calling the fee staff at 301-415-7544, or by e-mailing us at fees@nrc.gov.

Instructions for Completing NRC Small Entity Form 526

1. File a separate NRC Form 526 for each annual fee invoice received.
2. Complete all items on NRC Form 526 as follows:
 - a. The license number and invoice number must be entered exactly as they appear on the annual fee invoice.
 - b. The Standard Industrial Classification (SIC) Code must be entered if known.

- c. The licensee's name and address must be entered as they appear on the invoice. Name and/or address changes for billing purposes must be annotated on the invoice. Correcting the name and/or address on NRC Form 526, or on the invoice does not constitute a request to amend the license. Any request to amend a license is to be submitted to the respective licensing staffs in the NRC Regional or Headquarters Offices.
- d. Check the appropriate size standard for which the licensee qualifies as a small entity. Check only one box. Note the following:
 - (1) A licensee who is a subsidiary of a large entity does not qualify as a small entity.
 - (2) The size standards apply to the licensee, including all parent companies and affiliates -- not the individual authorized users listed in the license or the particular segment of the organization that uses licensed material.
 - (3) Gross annual receipts means all revenue in whatever form received or accrued from whatever sources -- not solely receipts from licensed activities. There are limited exceptions as set forth at 13 CFR 121.104. These are: the term receipts excludes net capital gains or losses; taxes collected for and remitted to a taxing authority if included in gross or total income; proceeds from the transactions between a concern and its domestic or foreign affiliates (if also excluded from gross or total income on a consolidated return filed with the IRS); and amounts collected for another entity by a travel agent, real estate agent, advertising agent, or conference management service provider.
 - (4) The owner of the entity, or an official empowered to act on behalf of the entity, must sign and date the small entity certification.

The NRC sends invoices to its licensees for the full annual fee, even though some entities qualify for reduced fees as a small entity. Licensees who qualify as a small entity and file NRC Form 526, which certifies eligibility for small entity fees, may pay the reduced fee, which for a full year is either \$2,300 or \$500 depending on the size of the entity, for each fee category shown on the invoice. Licensees granted a license during the first six months of the fiscal year, and licensees who file for termination or for a possession only license and permanently cease licensed activities during the first six months of the fiscal year, pay only 50 percent of the annual fee for that year. Such an invoice states the "Amount Billed Represents 50% Proration." This means the amount due from a small entity is not the prorated amount shown on the invoice, but rather one-half of the maximum annual fee shown on NRC Form 526 for the size standard under which the licensee qualifies, resulting in a fee of either \$1150 or \$250 for each fee category billed, instead of the full small entity annual fee of \$2,300 or \$500.

A new small entity form (NRC Form 526) must be filed with the NRC each fiscal year to qualify for reduced fees in that year. Because a licensee's "size," or the size standards, may change from year to year, the invoice reflects the full fee and a new Form 526 must be completed and returned in order for the fee to be reduced to the small entity fee amount. **LICENSEES WILL NOT BE ISSUED A NEW INVOICE FOR THE REDUCED AMOUNT.** The completed NRC Form 526, the payment of the appropriate small entity fee, and the "Payment Copy" of the invoice should be mailed to the U. S. Nuclear Regulatory Commission, License Fee and Accounts Receivable Branch at the address indicated on the invoice.

If you have questions regarding the NRC's annual fees, please call the license fee staff at 301-415-7554, e-mail the fee staff at fees@nrc.gov, or write to the U.S. Nuclear Regulatory Commission, Washington, DC 20555, Attention: Office of the Chief Financial Officer.

False certification of small entity status could result in civil sanctions being imposed by the NRC under the Program Fraud Civil Remedies Act, 31 U.S.C. 3801 et. seq. NRC's implementing regulations are found at 10 CFR Part 13.