

FY 2003 Fee Recovery  
Proposed Rule  
10 CFR Parts 170 and 171  
Workpapers

**NRC Budgeted Costs (FY 2003)**

**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 2003)**

**OBRA-90, as amended**

**Court Decision 1993**

# Budgeted Costs

Part 171 Annual Fees  
FY 2003  
(\$ in Millions)  
(All dollar amounts are rounded)

|               |   |
|---------------|---|
| \$584.6       | NRC Budget Authority  |
| <u>-24.7</u>  | Appropriated from Nuclear Waste Fund                                      |
| \$559.9       | Balance   |
| <u>X.94</u>   | Fee Recovery Rate for FY 2003   |
| \$526.3       | Total Amount to be Recovered For FY 2003                                  |
| <u>- 0</u>    | Carryover from FY 2002  |
| \$526.3       | Amount to be Recovered Through Fees and Other Receipts                    |
| <u>-124.7</u> | Estimated amount to be recovered through Part 170 fees and other receipts |
| \$401.6       | Estimated amount to be recovered through Part 171 annual fees             |
| <u>-1.9</u>   | Part 171 billing adjustments  |
| \$399.7       | Adjusted Part 171 annual fee collections required                         |

# Part 171 Annual Fees

# Power Reactor Annual Fee

Sheet A-Summary

Data as of 03/03/03

|  | TOTAL          |               | POWER REACTORS  |               | SPENT FUEL STORAGE/<br>REACTOR DECOMM |             | NON-POWER<br>REACTORS |            | FUEL FACILITY   |             | MATERIALS       |             | TRANSPORTATION  |             | RARE EARTH<br>FACILITIES |                | URANIUM RECOVERY |             | OTHER APPLICANTS |            | INCLUDED IN<br>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   | 88,709         | 1,566         | 79,484          | 1,102         | 166                                   | 5           | 52                    | 1          | 0               | 0           | 0               | 0           | 0               | 0           | 0                        | 0              | 0                | 0           | 0                | 0          | 0                        | 389          | 7 |
| NUCLEAR MATERIALS SAFETY   | 15,884         | 384           | 2,109           | 10            | 653                                   | 7           | 1                     | 0          | 4,536           | 88          | 1,216           | 72          | 361             | 5           | 39                       | 1              | 136              | 10          | 21               | 0          | 4,734                    | 71           |   |
| NUCLEAR WASTE SAFETY   | 23,964         | 206           | 1,171           | 6             | 15,078                                | 79          | 0                     | 0          | 1,925           | 8           | 412             | 5           | 1,045           | 11          | 119                      | 2              | 328              | 0           | 3                | 0          | 3,050                    | 36           |   |
| INTERNATL. NUCLEAR SAFETY & SUPPORT                                  | 705            | 38            | 0               | 0             | 0                                     | 0           | 0                     | 0          | 0               | 0           | 0               | 0           | 0               | 0           | 0                        | 0              | 0                | 0           | 0                | 0          | 224                      | 28           |   |
| MANAGEMENT AND SUPPORT   | 100,897        | 602           | 363             | 20            | 0                                     | 0           | 0                     | 0          | 0               | 0           | 0               | 0           | 0               | 0           | 0                        | 0              | 0                | 0           | 0                | 0          | 52                       | 2            |   |
| INSPECTOR GENERAL  | 1,300          | 44            | 0               | 0             | 0                                     | 0           | 0                     | 0          | 0               | 0           | 0               | 0           | 0               | 0           | 0                        | 0              | 0                | 0           | 0                | 0          | 0                        | 0            |   |
| <b>SUBTOTAL - FEE BASE RESOURCE</b>                                  | <b>231,459</b> | <b>2640.0</b> | <b>83,126.6</b> | <b>1137.1</b> | <b>15,896.9</b>                       | <b>90.6</b> | <b>52.3</b>           | <b>0.9</b> | <b>6,460.1</b>  | <b>95.8</b> | <b>1,628.6</b>  | <b>77.5</b> | <b>1,405.8</b>  | <b>18.1</b> | <b>158.1</b>             | <b>2,444.0</b> | <b>463.3</b>     | <b>10.1</b> | <b>24.1</b>      | <b>1.6</b> | <b>8,449.2</b>           | <b>144.0</b> |   |
| <hr/>  |                |               |                 |               |                                       |             |                       |            |                 |             |                 |             |                 |             |                          |                |                  |             |                  |            |                          |              |   |
| <b>FY 2003 FEE AMOUNTS</b>   |                |               | <b>397.7</b>    |               | <b>41.3</b>                           |             | <b>0.3</b>            |            | <b>33.4</b>     |             | <b>23.4</b>     |             | <b>5.9</b>      |             | <b>0.8</b>               |                | <b>3.3</b>       |             | <b>0.47</b>      |            | <b>53.3</b>              |              |   |
| <b>LESS PART 170 FEES</b>  |                |               | <b>106.3</b>    |               | <b>5.6</b>                            |             | <b>0.1</b>            |            | <b>7.9</b>      |             | <b>0.7</b>      |             | <b>1.2</b>      |             | <b>0.5</b>               |                | <b>1.9</b>       |             | <b>0.47</b>      |            | <b>0.0</b>               |              |   |
| <b>PART 171 ANNUAL FEES</b>  |                |               | <b>291.4</b>    |               | <b>35.7</b>                           |             | <b>0.3</b>            |            | <b>25.5</b>     |             | <b>22.7</b>     |             | <b>4.7</b>      |             | <b>0.3</b>               |                | <b>1.4</b>       |             | <b>0.000</b>     |            | <b>53.3</b>              |              |   |
| <b>% OF BUDGET (EXCL. SURCHARGE, OTHER APPL. &amp; SMALL ENTITY)</b> |                |               | <b>79.27%</b>   |               | <b>8.24%</b>                          |             | <b>0.06%</b>          |            | <b>6.65%</b>    |             | <b>3.77%</b>    |             | <b>1.18%</b>    |             | <b>0.17%</b>             |                | <b>0.66%</b>     |             | <b>N/A</b>       |            |                          |              |   |
| <b>Surcharge (Including small entity)</b>                            |                |               | <b>19.1</b>     |               | <b>1.8</b>                            |             | <b>0.0</b>            |            | <b>1.6</b>      |             | <b>1.3</b>      |             | <b>0.3</b>      |             | <b>0.0</b>               |                | <b>0.1</b>       |             | <b>N/A</b>       |            |                          |              |   |
|  |                |               | <b>0.18339</b>  |               | <b>0.01467</b>                        |             |                       |            |                 |             |                 |             |                 |             |                          |                |                  |             |                  |            |                          |              |   |
| <b>Part 171 billing adjustments</b>                                  |                |               | <b>(1.5)</b>    |               | <b>(0.2)</b>                          |             | <b>(0.0)</b>          |            | <b>(0.1)</b>    |             | <b>(0.1)</b>    |             | <b>(0.0)</b>    |             | <b>(0.0)</b>             |                | <b>(0.01)</b>    |             | <b>N/A</b>       |            |                          |              |   |
| <b>Adjustment for FY 2003 rescission</b>                             |                |               | <b>(0.1628)</b> |               | <b>(0.0169)</b>                       |             | <b>(0.0001)</b>       |            | <b>(0.0137)</b> |             | <b>(0.0077)</b> |             | <b>(0.0024)</b> |             | <b>(0.0003)</b>          |                | <b>(0.0013)</b>  |             |                  |            |                          |              |   |
| <b>TOTAL FY 2003 ANNUAL FEE</b>                                      |                |               | <b>306.6</b>    |               | <b>37.3</b>                           |             | <b>0.2732</b>         |            | <b>26.9772</b>  |             | <b>23.9239</b>  |             | <b>4.9711</b>   |             | <b>0.377255</b>          |                | <b>1.5259</b>    |             | <b>0.0</b>       |            |                          |              |   |

FTE RATES

REACTOR PROGRAM = 276,661  
 MATERIALS PROGRAM = 280,876  
 SURCHARGE = 311,693

\$,M

SMALL ENTITY SUBSIDY = 4.5  
 Total Surcharge (Reflects 6% off the fee base) 24.2

TOTAL PART 171 BILLING ADJUSTMENTS

\$,K

Est. Unpaid FY 2003 Part 171 Bills 2.40  
 Est. Payments From Prior Year Part 171 Bills (4.30)  
 Adjustment for add'l FY 2002 collections 0.00

Total (1.90)

Adjustment for FY 2003 rescission (0.205)

**OPERATING POWER REACTOR  
ANNUAL FEE - FY 2003 PROPOSED RULE**

NUMBER OF POWER REACTORS LICENSED TO OPERATE

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

DETERMINATION OF ANNUAL FEE:

|  |                   |
|--|-------------------|
| TOTAL BUDGETED COSTS<br>FOR OPERATING POWER<br>REACTORS (INCLUDES SURCHARGE)                       | \$308,824,014     |
| ANNUAL FEE PER REACTOR (rounded)<br>(BUDGETED COSTS DIVIDED<br>BY 104 OPERATING POWER<br>REACTORS) | \$2,969,000       |
| PLUS SPENT FUEL STORAGE/<br>REACTOR DECOMMISSIONING<br>ANNUAL FEE                                  | \$309,000         |
| TOTAL ANNUAL FEE<br>PER LICENSE  | <hr/> \$3,278,000 |



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

# Surcharge-Op Pwr Reactor

**SURCHARGE - FY 2003**

SURCHARGE RATE: \$311,693

|  | DIRECT RESOURCES |              | FEE AMOUNT  |
|--|------------------|--------------|-------------|
|  | ,\$K             | FTE          | (\$,M)      |
| <b>TOTAL NRC</b>                       |                  |              |             |
| FEDERAL AGENCY EXEMPTION               | 119              | 9            | 2.9         |
| NONPROFIT EDUCATIONAL EXEMPTION        | 1,009            | 18           | 6.7         |
| INTERNATIONAL ACTIVITIES               | 515              | 31           | 10.3        |
| SMALL ENTITY SUBSIDY                   |                  |              | 4.5         |
| AGREEMENT STATE OVERSIGHT              | 545              | 26           | 8.8         |
| REGULATORY SUPPORT TO AGREEMENT STATES | 3,166            | 33           | 13.4        |
| SDMP                                   | 600              | 10           | 3.6         |
| DECOMMISSIONING/RECLAMATION GENERIC    | 1,678            | 10           | 4.9         |
| LLW GENERIC                            | 818              | 6            | 2.7         |
| <b>TOTAL</b>                           | <b>8,449</b>     | <b>144.0</b> | <b>57.8</b> |

To meet the 94% fee recovery requirement for FY 2003, the Surcharge is reduced by 6% of NRC's FY 2003 budget authority, minus the NWF and the General Fund, as shown below:

|  |             |
|--|-------------|
|  | (\$,M)      |
| Total Surcharge amount less generic LLW (see note)                     | 55.1        |
| Budget Authority minus NWF & Gen Fund                                  | 559.9       |
| Percent reduction in fee recovery amount for FY 2003                   | 6.0%        |
| Reduction in annual fee recovery amount for FY 2003                    | 33.6        |
| Surcharge, excluding LLW, less reduction in annual fee recovery amount | 21.5        |
| Generic LLW amount   | 2.7         |
| <b>Total surcharge to be assessed</b>                                  | <b>24.2</b> |

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

|  | LLW SURCHARGE |            | NON-LLW SURCHARGE |             | TOTAL SURCHARGE |
|--|---------------|------------|-------------------|-------------|-----------------|
|  | PERCENT       | ,\$M       | PERCENT           | ,\$M        | ,\$M            |
| POWER REACTORS                             | 74%           | 2.0        | 79.3%             | 17.1        | 19.1            |
| SPENT FUEL STORAGE/REACTOR DECOMMISSIONING | ---           | ---        | 8.2%              | 1.8         | 1.8             |
| NON-POWER REACTORS                         | ---           | ---        | 0.1%              | 0.0         | 0.0             |
| FUEL FACILITIES                            | 8%            | 0.2        | 6.7%              | 1.4         | 1.6             |
| MATERIALS                                  | 18%           | 0.5        | 3.8%              | 0.8         | 1.3             |
| TRANSPORTATION                             | ---           | ---        | 1.2%              | 0.3         | 0.3             |
| RARE EARTH FACILITIES                      | ---           | ---        | 0.2%              | 0.0         | 0.0             |
| URANIUM RECOVERY                           | ---           | ---        | 0.7%              | 0.1         | 0.1             |
| <b>TOTAL</b>                               | <b>100</b>    | <b>2.7</b> | <b>100.0%</b>     | <b>21.5</b> | <b>24.2</b>     |

SEE BUDGET AUTHORITY TAB  
FOR BUDGETED SURCHARGE COSTS

# Spt Fuel/Rx Decomm Annual

03/05/2003

FY 2003 DIRECT RESOURCES

Sheet A Summary

| Data as of 03/03/03                                       | TOTAL          |               | POWER REACTORS  |               | SPENT FUEL STORAGE/<br>REACTOR DECOMM |             | NON-POWER<br>REACTORS |            | FUEL FACILITY  |             | MATERIALS      |             | TRANSPORTATION |             | RARE EARTH<br>FACILITIES |               | URANIUM RECOVERY |             | OTHER APPLICANTS |            | INCLUDED IN<br>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                                    | 88,709         | 1,566         | 79,484          | 1,102         | 166                                   | 5           | 52                    | 1          | 0              | 0           | 0              | 0           | 0              | 0           | 0                        | 0             | 0                | 0           | 0                | 0          | 0                        | 389          | 7 |
| NUCLEAR MATERIALS SAFETY                                  | 15,884         | 384           | 2,109           | 10            | 653                                   | 7           | 1                     | 0          | 4,536          | 88          | 1,216          | 72          | 361            | 5           | 39                       | 1             | 136              | 10          | 21               | 0          | 4,734                    | 71           |   |
| NUCLEAR WASTE SAFETY                                      | 23,964         | 208           | 1,171           | 6             | 15,078                                | 79          | 0                     | 0          | 1,925          | 8           | 412            | 5           | 1,045          | 11          | 119                      | 2             | 326              | 0           | 3                | 0          | 3,050                    | 38           |   |
| INTERNATL NUCLEAR SAFETY & SUPPORT                        | 705            | 38            | 0               | 0             | 0                                     | 0           | 0                     | 0          | 0              | 0           | 0              | 0           | 0              | 0           | 0                        | 0             | 0                | 0           | 0                | 2          | 224                      | 26           |   |
| MANAGEMENT AND SUPPORT                                    | 100,697        | 602           | 363             | 20            | 0                                     | 0           | 0                     | 0          | 0              | 0           | 0              | 0           | 0              | 0           | 0                        | 0             | 0                | 0           | 0                | 0          | 52                       | 2            |   |
| INSPECTOR GENERAL   | 1,300          | 44            | 0               | 0             | 0                                     | 0           | 0                     | 0          | 0              | 0           | 0              | 0           | 0              | 0           | 0                        | 0             | 0                | 0           | 0                | 0          | 0                        | 0            |   |
| <b>SUBTOTAL - FEE BASE RESOURCE</b>                       | <b>231,459</b> | <b>2640.0</b> | <b>83,126.6</b> | <b>1137.1</b> | <b>15,696.9</b>                       | <b>90.6</b> | <b>52.3</b>           | <b>0.9</b> | <b>6,460.1</b> | <b>95.8</b> | <b>1,628.6</b> | <b>77.5</b> | <b>1,405.8</b> | <b>16.1</b> | <b>158.1</b>             | <b>2.4440</b> | <b>463.3</b>     | <b>10.1</b> | <b>24.1</b>      | <b>1.6</b> | <b>8,449.2</b>           | <b>144.0</b> |   |
| <hr/>   |                |               |                 |               |                                       |             |                       |            |                |             |                |             |                |             |                          |               |                  |             |                  |            |                          |              |   |
| FY 2003 FEE AMOUNTS                                       |                |               | 397.7           |               | 41.3                                  |             | 0.3                   |            | 33.4           |             | 23.4           |             | 5.9            |             | 0.8                      |               | 3.3              |             | 0.47             |            | 53.3                     |              |   |
| LESS PART 170 FEES  |                |               |                 |               | 106.3                                 |             | 0.1                   |            | 7.9            |             | 0.7            |             | 1.2            |             | 0.5                      |               | 1.9              |             | 0.47             |            | 0.0                      |              |   |
| PART 171 ANNUAL FEES                                      |                |               | 291.4           |               | 35.7                                  |             | 0.3                   |            | 25.5           |             | 22.7           |             | 4.7            |             | 0.3                      |               | 1.4              |             | 0.000            |            | 53.3                     |              |   |
| % OF BUDGET (EXCL. SURCHARGE, OTHER APPL. & SMALL ENTITY) |                |               | 79.27%          |               | 8.24%                                 |             | 0.06%                 |            | 6.65%          |             | 3.77%          |             | 1.18%          |             | 0.17%                    |               | 0.66%            |             | N/A              |            |                          |              |   |
| Surcharge (including small entity)                        |                |               | 19.1<br>0.18339 |               | 1.8<br>0.01467                        |             | 0.0                   |            | 1.6            |             | 1.3            |             | 0.3            |             | 0.0                      |               | 0.1              |             | N/A              |            |                          |              |   |
| Part 171 billing adjustments                              |                |               | (1.5)           |               | (0.2)                                 |             | (0.0)                 |            | (0.1)          |             | (0.1)          |             | (0.0)          |             | (0.0)                    |               | (0.01)           |             | N/A              |            |                          |              |   |
| Adjustment for FY 2003 recission                          |                |               | (0.1628)        |               | (0.0169)                              |             | (0.0001)              |            | (0.0137)       |             | (0.0077)       |             | (0.0024)       |             | (0.0003)                 |               | (0.0013)         |             |                  |            |                          |              |   |
| <b>TOTAL FY 2003 ANNUAL FEE</b>                           |                |               | <b>308.8</b>    |               | <b>37.3</b>                           |             | <b>0.2732</b>         |            | <b>26.9772</b> |             | <b>23.9239</b> |             | <b>4.9711</b>  |             | <b>0.377255</b>          |               | <b>1.5259</b>    |             | <b>0.0</b>       |            |                          |              |   |

FTE RATES

REACTOR PROGRAM = 276,661  
 MATERIALS PROGRAM = 280,876  
 SURCHARGE = 311,693

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SMALL ENTITY SUBSIDY = 4.5  
 Total Surcharge (Reflects 6% off the fee base) 24.2

TOTAL PART 171 BILLING ADJUSTMENTS

\$,K

Est. Unpaid FY 2003 Part 171 Bills 2.40  
 Est. Payments From Prior Year Part 171 Bills (4.30)  
 Adjustment for add'l FY 2002 collections 0.00

Total (1.90)

Adjustment for FY 2003 recission (0.205)

**SPENT FUEL STORAGE/REACTOR DECOMMISSIONING  
ANNUAL FEE  
FY 2003**

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 2003 ANNUAL FEE:**

The FY 2003 annual fee is determined by dividing the total budgeted costs of \$37,332,100 (including the surcharge) by the total number of licensees (121). This results in an annual fee (rounded) of \$309,000 per license.

FY 2003  
SPENT FUEL STORAGE LICENSES

|     | <u>Category 1B</u>                               | <u>Docket</u> | <u>License No.</u> |
|-----|--|---------------|--------------------|
| 1.  | Carolina Power and Light<br>(H.B. Robinson)      | 72-3          | SNM-2502           |
| 2.  | Duke Power Company<br>(Oconee)                   | 72-4          | SNM-2503           |
| 3.  | General Electric Co.<br>(Morris)                 | 72-1          | SNM-2500           |
| 4.  | DOE<br>(Ft. St. Vrain)                           | 72-9          | SNM-2504           |
| 5.  | Virginia Electric & Power<br>(Surry)             | 72-2          | SNM-2501           |
| 6.  | Baltimore Gas & Electric Co.<br>(Calvert Cliffs) | 72-8          | SNM-2505           |
| 7.  | Northern States Power<br>(Prairie Island)        | 72-10         | SNM-2506           |
| 8.  | Sacramento Mun. Utility<br>(Rancho Seco)         | 72-11         | SNM-2510           |
| 9.  | Virginia Electric Power<br>(North Anna)          | 72-16         | SNM-2507           |
| 10. | Portland General Electric<br>(Trojan)            | 72-17         | SNM-2509           |
| 11. | DOE - Idaho Operations<br>(TMI)                  | 72-20         | SNM-2508           |



|   | <u>Category 1B</u>                       | <u>Docket</u> | <u>License No.</u> |
|---|--|---------------|--------------------|
| 1.  | Consumers Power<br>(Palisades)           | 72-7          | SFGL-01            |
| 2.  | Wisconsin Electric<br>(Point Beach)      | 72-5          | SFGL-03            |
| 3.  | Toledo Edison<br>(Davis Besse)           | 72-14         | SFGL-04            |
| 4.  | GPU Nuclear<br>(Oyster Creek)            | 72-15         | SFGL-05            |
| 5.  | Entergy Operations<br>(Arkansas Nuclear) | 72-13         | SFGL-02            |
| 6.  | Duke Power Company<br>(Oconee)           | 72-40         | SFGL-06            |
| 7.  | Penn Power & Light<br>(Susquehanna)      | 72-28         | SFGL-07            |
| <u>Category 13B (General License §72.210)</u> |  |               |                    |
| 8.  | PECO Energy<br>(Peach Bottom)            | 72-29         | SFGL-08            |
| 9.  | Southern Company<br>(Hatch)              | 72-36         | SFGL-09            |
| 10.   | Commonwealth Edison<br>(Dresden)         | 72-37         | SFGL-10            |
| 11.   | Duke Power Company<br>(McGuire)          | 72-38         | SFGL-11            |
| 12.   | Entergy Nuclear<br>(Fitzpatrick)         | 72-12         | SFGL-12            |

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

Surcharge-Spt Fuel/Rx Decom

**SURCHARGE - FY 2003**

SURCHARGE RATE: \$311,693

|  | DIRECT RESOURCES |              |                   |
|--|------------------|--------------|-------------------|
|  | \$,K             | FTE          | FEE AMOUNT (\$,M) |
| <b>TOTAL NRC</b>                       |                  |              |                   |
| FEDERAL AGENCY EXEMPTION               | 119              | 9            | 2.9               |
| NONPROFIT EDUCATIONAL EXEMPTION        | 1,009            | 18           | 6.7               |
| INTERNATIONAL ACTIVITIES               | 515              | 31           | 10.3              |
| SMALL ENTITY SUBSIDY                   |                  |              | 4.5               |
| AGREEMENT STATE OVERSIGHT              | 545              | 26           | 8.8               |
| REGULATORY SUPPORT TO AGREEMENT STATES | 3,168            | 33           | 13.4              |
| SDMP                                   | 600              | 10           | 3.6               |
| DECOMMISSIONING/RECLAMATION GENERIC    | 1,678            | 10           | 4.9               |
| LLW GENERIC                            | 818              | 6            | 2.7               |
| <b>TOTAL</b>                           | <b>8,449</b>     | <b>144.0</b> | <b>57.8</b>       |

To meet the 94% fee recovery requirement for FY 2003, the Surcharge is reduced by 6% of NRC's FY 2003 budget authority, minus the NWF and the General Fund, as shown below:

|  |             |
|--|-------------|
|  | (\$,M)      |
| Total Surcharge amount less generic LLW (see note)                     | 55.1        |
| Budget Authority minus NWF & Gen Fund                                  | 559.9       |
| Percent reduction in fee recovery amount for FY 2003                   | 6.0%        |
| Reduction in annual fee recovery amount for FY 2003                    | 33.6        |
| Surcharge, excluding LLW, less reduction in annual fee recovery amount | 21.5        |
| Generic LLW amount   | 2.7         |
| <b>Total surcharge to be assessed</b>                                  | <b>24.2</b> |

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 PERCENT           | \$,M       | NON-LLW SURCHARGE PERCENT | \$,M        | TOTAL SURCHARGE \$,M |
| POWER REACTORS                             | 74%                             | 2.0        | 79.3%                     | 17.1        | 19.1                 |
| SPENT FUEL STORAGE/REACTOR DECOMMISSIONING | --                              | --         | 8.2%                      | 1.8         | 1.8                  |
| NON-POWER REACTORS                         | --                              | --         | 0.1%                      | 0.0         | 0.0                  |
| FUEL FACILITIES                            | 8%                              | 0.2        | 6.7%                      | 1.4         | 1.6                  |
| MATERIALS                                  | 18%                             | 0.5        | 3.8%                      | 0.8         | 1.3                  |
| TRANSPORTATION                             | --                              | --         | 1.2%                      | 0.3         | 0.3                  |
| RARE EARTH FACILITIES                      | --                              | --         | 0.2%                      | 0.0         | 0.0                  |
| URANIUM RECOVERY                           | --                              | --         | 0.7%                      | 0.1         | 0.1                  |
| <b>TOTAL</b>                               | <b>100</b>                      | <b>2.7</b> | <b>100.0%</b>             | <b>21.5</b> | <b>24.2</b>          |

SEE BUDGET AUTHORITY TAB  
FOR BUDGETED SURCHARGE COSTS

Nonpower Rx Annual Fee

03/05/2003

FY 2003 DIRECT RESOURCES

Sheet A-Summary

Data as of 03/03/03

|                                     | TOTAL                  |               | SPENT FUEL STORAGE/<br>REACTOR DECOMM |               |                 |             | NON POWER<br>REACTORS |            | FUEL FACILITY  |             | MATERIALS      |             | TRANSPORTATION |             | RARE EARTH<br>FACILITIES |                | URANIUM RECOVERY |             | OTHER APPLICANTS |            | INCLUDED IN<br>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 | 88 709        | 1,566                                 | 79 484        | 1,102           | 166         | 5                     | 52         | 1              | 0           | 0              | 0           | 0              | 0           | 0                        | 0              | 0                | 0           | 0                | 0          | 0                        | 0        | 0              | 389          |
| NUCLEAR MATERIALS SAFETY            | 15 884                 | 384           | 2,109                                 | 10            | 653             | 7           | 1                     | 0          | 4,536          | 88          | 1,216          | 72          | 361            | 5           | 39                       | 1              | 136              | 10          | 21               | 0          | 0                        | 0        | 4,734          | 71           |
| NUCLEAR WASTE SAFETY                | 23 964                 | 206           | 1,171                                 | 6             | 15,078          | 79          | 0                     | 0          | 1 925          | 8           | 412            | 5           | 1,045          | 11          | 119                      | 2              | 328              | 0           | 3                | 0          | 0                        | 0        | 3 050          | 36           |
| INTERNATL. NUCLEAR SAFETY & SUPPORT | 705                    | 38            | 0                                     | 0             | 0               | 0           | 0                     | 0          | 0              | 0           | 0              | 0           | 0              | 0           | 0                        | 0              | 0                | 0           | 0                | 0          | 0                        | 0        | 0              | 0            |
| MANAGEMENT AND SUPPORT              | 100 897                | 602           | 363                                   | 20            | 0               | 0           | 0                     | 0          | 0              | 0           | 0              | 0           | 0              | 0           | 0                        | 0              | 0                | 0           | 0                | 0          | 0                        | 0        | 52             | 2            |
| INSPECTOR GENERAL                   | 1,300                  | 44            | 0                                     | 0             | 0               | 0           | 0                     | 0          | 0              | 0           | 0              | 0           | 0              | 0           | 0                        | 0              | 0                | 0           | 0                | 0          | 0                        | 0        | 0              | 0            |
| <b>SUBTOTAL - FEE BASE RESOURCE</b> | <b>231,459</b>         | <b>2640 0</b> | <b>83,126.6</b>                       | <b>1137 1</b> | <b>15,896.9</b> | <b>90 6</b> | <b>52.3</b>           | <b>0 9</b> | <b>6,460 1</b> | <b>95 8</b> | <b>1,626.6</b> | <b>77 5</b> | <b>1,405 8</b> | <b>16 1</b> | <b>158 1</b>             | <b>2 444 0</b> | <b>463.3</b>     | <b>10 1</b> | <b>24 1</b>      | <b>1 8</b> | <b>0</b>                 | <b>0</b> | <b>8,449.2</b> | <b>144 0</b> |

|  |  |  |          |  |          |  |          |  |          |  |          |  |          |  |          |  |          |  |       |  |  |  |      |  |
|--|--|--|----------|--|----------|--|----------|--|----------|--|----------|--|----------|--|----------|--|----------|--|-------|--|--|--|------|--|
| <b>FY 2003 FEE AMOUNTS</b>   |  |  | 397.7    |  | 41 3     |  | 0 3      |  | 33 4     |  | 23 4     |  | 5 9      |  | 0 8      |  | 3 3      |  | 0 47  |  |  |  | 53 3 |  |
| <b>LESS PART 170 FEES</b>  |  |  | 106 3    |  | 5 6      |  | 0 1      |  | 7 9      |  | 0 7      |  | 1 2      |  | 0 5      |  | 1 9      |  | 0 47  |  |  |  | 0 0  |  |
| <b>PART 171 ANNUAL FEES</b>  |  |  | 291 4    |  | 35 7     |  | 0 3      |  | 25 5     |  | 22 7     |  | 4 7      |  | 0 3      |  | 1 4      |  | 0 000 |  |  |  | 53 3 |  |
| <b>% OF BUDGET (EXCL. SURCHARGE, OTHER APPL. &amp; SMALL ENTITY)</b> |  |  | 79 27%   |  | 8.24%    |  | 0 06%    |  | 6 65%    |  | 3 77%    |  | 1 18%    |  | 0 17%    |  | 0 66%    |  | N/A   |  |  |  |      |  |
| <b>Surcharge (Including small entity)</b>                            |  |  | 19 1     |  | 1 8      |  | 0 0      |  | 1 6      |  | 1 3      |  | 0 3      |  | 0 0      |  | 0 1      |  | N/A   |  |  |  |      |  |
| <b>Part 171 billing adjustments</b>                                  |  |  | (1 5)    |  | (0 2)    |  | (0 0)    |  | (0 1)    |  | (0 1)    |  | (0 0)    |  | (0 0)    |  | (0 01)   |  | N/A   |  |  |  |      |  |
| <b>Adjustment for FY 2003 rescission</b>                             |  |  | (0 1626) |  | (0 0169) |  | (0 0001) |  | (0 0137) |  | (0 0077) |  | (0 0024) |  | (0 0003) |  | (0 0013) |  |       |  |  |  |      |  |
| <b>TOTAL FY 2003 ANNUAL FEE</b>                                      |  |  | 308 8    |  | 37 3     |  | 0 2732   |  | 26 9772  |  | 23 9239  |  | 4 9711   |  | 0 377255 |  | 1 5259   |  | 0 0   |  |  |  |      |  |

FTE RATES

REACTOR PROGRAM = 276,661  
MATERIALS PROGRAM = 280,876  
SURCHARGE = 311,693

\$,M

SMALL ENTITY SUBSIDY = 4 5  
Total Surcharge (Reflects 6% off the fee base) = 24 2

TOTAL PART 171 BILLING ADJUSTMENTS

\$,K

Est. Unpaid FY 2003 Part 171 Bills = 2 40  
Est. Payments From Prior Year Part 171 Bills = (4 30)  
Adjustment for add'l FY 2002 collections = 0 00

Total (1 90)

Adjustment for FY 2003 rescission

(0 205)

**NONPOWER REACTOR ANNUAL FEE**

**FY 2003 FEE RULE**

DETERMINATION OF THE FY 2003 ANNUAL FEE:

NONPOWER REACTORS SUBJECT TO ANNUAL FEES<sup>1</sup>

|                                |       |        |
|--------------------------------|-------|--------|
| 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                      \$273,163

ANNUAL FEE PER LICENSE            \$68,300  
(Budgeted costs divided by number  
of nonpower reactor licensees subject  
to annual fee)

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<sup>1</sup>Does 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

Surcharge - Nonpower Rx

**SURCHARGE - FY 2003**

SURCHARGE RATE: \$311,693

|  | DIRECT RESOURCES |              |                   |
|--|------------------|--------------|-------------------|
|  | \$,K             | FTE          | FEE AMOUNT (\$,M) |
| <b>TOTAL NRC</b>                       |                  |              |                   |
| FEDERAL AGENCY EXEMPTION               | 119              | 9            | 2.9               |
| NONPROFIT EDUCATIONAL EXEMPTION        | 1,009            | 18           | 6.7               |
| INTERNATIONAL ACTIVITIES               | 515              | 31           | 10.3              |
| SMALL ENTITY SUBSIDY                   |                  |              | 4.5               |
| AGREEMENT STATE OVERSIGHT              | 545              | 26           | 8.8               |
| REGULATORY SUPPORT TO AGREEMENT STATES | 3,166            | 33           | 13.4              |
| SDMP                                   | 600              | 10           | 3.6               |
| DECOMMISSIONING/RECLAMATION GENERIC    | 1,678            | 10           | 4.9               |
| LLW GENERIC                            | 818              | 6            | 2.7               |
| <b>TOTAL</b>                           | <b>8,449</b>     | <b>144.0</b> | <b>57.8</b>       |

To meet the 94% fee recovery requirement for FY 2003, the Surcharge is reduced by 6% of NRC's FY 2003 budget authority, minus the NWF and the General Fund, as shown below:

|  |             |
|--|-------------|
|  | (\$,M)      |
| Total Surcharge amount less generic LLW (see note)                     | 55.1        |
| Budget Authority minus NWF & Gen Fund                                  | 559.9       |
| Percent reduction in fee recovery amount for FY 2003                   | 6.0%        |
| Reduction in annual fee recovery amount for FY 2003                    | 33.6        |
| Surcharge, excluding LLW, less reduction in annual fee recovery amount | 21.5        |
| Generic LLW amount   | 2.7         |
| <b>Total surcharge to be assessed</b>                                  | <b>24.2</b> |

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%                             | 2.0        | 79.3%             | 17.1        | 19.1            |
| SPENT FUEL STORAGE/REACTOR DECOMMISSIONING | —                               | —          | 8.2%              | 1.8         | 1.8             |
| NON-POWER REACTORS                         | —                               | —          | 0.1%              | 0.0         | 0.0             |
| FUEL FACILITIES                            | 8%                              | 0.2        | 6.7%              | 1.4         | 1.6             |
| MATERIALS                                  | 18%                             | 0.5        | 3.8%              | 0.8         | 1.3             |
| TRANSPORTATION                             | —                               | —          | 1.2%              | 0.3         | 0.3             |
| RARE EARTH FACILITIES                      | —                               | —          | 0.2%              | 0.0         | 0.0             |
| URANIUM RECOVERY                           | —                               | —          | 0.7%              | 0.1         | 0.1             |
| <b>TOTAL</b>                               | <b>100</b>                      | <b>2.7</b> | <b>100.0%</b>     | <b>21.5</b> | <b>24.2</b>     |

SEE BUDGET AUTHORITY TAB  
FOR BUDGETED SURCHARGE COSTS

# Fuel Facility Annual Fee

03/05/2003

FY 2003 DIRECT RESOURCES

Sheet A-Summary

Data as of 03/03/03

|                                     | TOTAL                  |               | POWER REACTORS  |               | SPENT FUEL STORAGE/<br>REACTOR DECOMM |             | NON-POWER<br>REACTORS |            | FUEL FACILITY  |             | MATERIALS      |             | TRANSPORTATION |             | RARE EARTH<br>FACILITIES |                | URANIUM RECOVERY |             | OTHER APPLICANTS |            | INCLUDED IN<br>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 | 88,709        | 1,568           | 79,484        | 1,102                                 | 168         | 5                     | 52         | 1              | 0           | 0              | 0           | 0              | 0           | 0                        | 0              | 0                | 0           | 0                | 0          | 0                        | 0            | 389 |
| NUCLEAR MATERIALS SAFETY            | 15,884                 | 384           | 2,109           | 10            | 653                                   | 7           | 1                     | 0          | 4,536          | 88          | 1,216          | 72          | 361            | 5           | 39                       | 1              | 136              | 10          | 21               | 0          | 4,734                    | 71           |     |
| NUCLEAR WASTE SAFETY                | 23,964                 | 206           | 1,171           | 6             | 15,078                                | 79          | 0                     | 0          | 1,925          | 8           | 412            | 5           | 1,045          | 11          | 119                      | 2              | 328              | 0           | 3                | 0          | 3,050                    | 38           |     |
| INTERNATL. NUCLEAR SAFETY & SUPPORT | 705                    | 38            | 0               | 0             | 0                                     | 0           | 0                     | 0          | 0              | 0           | 0              | 0           | 0              | 0           | 0                        | 0              | 0                | 0           | 0                | 0          | 2                        | 28           |     |
| MANAGEMENT AND SUPPORT              | 100,897                | 602           | 363             | 20            | 0                                     | 0           | 0                     | 0          | 0              | 0           | 0              | 0           | 0              | 0           | 0                        | 0              | 0                | 0           | 0                | 0          | 52                       | 2            |     |
| INSPECTOR GENERAL                   | 1,300                  | 44            | 0               | 0             | 0                                     | 0           | 0                     | 0          | 0              | 0           | 0              | 0           | 0              | 0           | 0                        | 0              | 0                | 0           | 0                | 0          | 0                        | 0            |     |
| <b>SUBTOTAL - FEE BASE RESOURCE</b> | <b>231,459</b>         | <b>2640.0</b> | <b>83,126.8</b> | <b>1137.1</b> | <b>15,896.9</b>                       | <b>90.6</b> | <b>52.3</b>           | <b>0.9</b> | <b>6,460.1</b> | <b>95.8</b> | <b>1,628.6</b> | <b>77.5</b> | <b>1,405.8</b> | <b>16.1</b> | <b>158.1</b>             | <b>2,444.0</b> | <b>463.3</b>     | <b>10.1</b> | <b>24.1</b>      | <b>1.8</b> | <b>8,449.2</b>           | <b>144.0</b> |     |

|  |  |  |          |  |          |  |          |  |          |  |          |  |          |  |          |  |          |  |       |  |      |  |
|--|--|--|----------|--|----------|--|----------|--|----------|--|----------|--|----------|--|----------|--|----------|--|-------|--|------|--|
| <b>FY 2003 FEE AMOUNTS</b>   |  |  | 397.7    |  | 41.3     |  | 0.3      |  | 33.4     |  | 23.4     |  | 5.9      |  | 0.8      |  | 3.3      |  | 0.47  |  | 53.3 |  |
| <b>LESS PART 170 FEES</b>  |  |  | 106.3    |  | 5.6      |  | 0.1      |  | 7.9      |  | 0.7      |  | 1.2      |  | 0.5      |  | 1.9      |  | 0.47  |  | 0.0  |  |
| <b>PART 171 ANNUAL FEES</b>  |  |  | 291.4    |  | 35.7     |  | 0.3      |  | 25.5     |  | 22.7     |  | 4.7      |  | 0.3      |  | 1.4      |  | 0.000 |  | 53.3 |  |
| <b>% OF BUDGET (EXCL. SURCHARGE, OTHER APPL. &amp; SMALL ENTITY)</b> |  |  | 79.27%   |  | 8.24%    |  | 0.06%    |  | 6.65%    |  | 3.77%    |  | 1.18%    |  | 0.17%    |  | 0.66%    |  | N/A   |  |      |  |
| <b>Surcharge (Including small entity)</b>                            |  |  | 19.1     |  | 1.8      |  | 0.0      |  | 1.6      |  | 1.3      |  | 0.3      |  | 0.0      |  | 0.1      |  | N/A   |  |      |  |
| <b>Part 171 billing adjustments</b>                                  |  |  | (1.5)    |  | (0.2)    |  | (0.0)    |  | (0.1)    |  | (0.1)    |  | (0.0)    |  | (0.0)    |  | (0.01)   |  | N/A   |  |      |  |
| Adjustment for FY 2003 recission                                     |  |  | (0.1628) |  | (0.0169) |  | (0.0001) |  | (0.0137) |  | (0.0077) |  | (0.0024) |  | (0.0003) |  | (0.0013) |  |       |  |      |  |
| <b>TOTAL FY 2003 ANNUAL FEE</b>                                      |  |  | 308.8    |  | 37.3     |  | 0.2732   |  | 26.9772  |  | 23.9239  |  | 4.9711   |  | 0.377255 |  | 1.5259   |  | 0.0   |  |      |  |

FTE RATES

REACTOR PROGRAM = 276,661  
 MATERIALS PROGRAM = 280,876  
 SURCHARGE = 311,693

\$,M

SMALL ENTITY SUBSIDY = 4.5  
 Total Surcharge (Reflects 6% off the fee base) 24.2

TOTAL PART 171 BILLING ADJUSTMENTS

\$,K

Est. Unpaid FY 2003 Part 171 Bills 2.40  
 Est. Payments From Prior Year Part 171 Bills (4.30)  
 Adjustment for add'l FY 2002 collections 0.00

Total (1.90)

Adjustment for FY 2003 recission (0.205)

**FUEL FACILITY ANNUAL FEES  
FY 2003**

Part 171 Amount \$25,468,876  
 Less Billing Adjustment (126,369)  
 Less Recission Adjustment (13,656)  
**TOTAL \$25,328,851**

|  | <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 | \$16,601,553  | \$8,727,298       | \$25,328,851 | \$1,648,327      | \$26,977,178            |

**EFFORT FACTORS**

| FEE CATEGORY                     | NUMBER OF LICENSES | Safety       |               | Safeguards   |             | Total      |             |
|----------------------------------|--------------------|--------------|---------------|--------------|-------------|------------|-------------|
|                                  |                    |              | %             |              | %           |            | %           |
| 1A(1)(a) SSNM (HEU)              | 2                  | 91           | 36.0%         | 76           | 57.1%       | 167        | 43.3%       |
| 1A(1)(b) SNM (LEU)               | 3                  | 66           | 26.1%         | 18           | 13.5%       | 84         | 21.8%       |
| 1A(2)(a) LIMITED OPS (Framatome) | 1                  | 8            | 3.2%          | 3            | 2.3%        | 11         | 2.8%        |
| 1A(2)(b) OTHERS                  | 1                  | 6            | 2.4%          | 2            | 1.5%        | 8          | 2.1%        |
| 1E ENRICHMENT                    | 2                  | 70           | 27.7%         | 34           | 25.6%       | 104        | 26.9%       |
| 2A(1) UF6 (Honeywell)            | 1                  | 12           | 4.7%          | 0            | 0.0%        | 12         | 3.1%        |
| <b>TOTAL</b>                     | <b>10</b>          | <b>253</b>   | <b>100.0%</b> | <b>133</b>   | <b>100%</b> | <b>386</b> | <b>100%</b> |
|                                  | <b>% of total</b>  | <b>65.5%</b> |               | <b>34.5%</b> |             |            |             |

**ALLOCATION to CATEGORY**

| Fee Category                     | (1)       | (2)                 | (3)                | (4)                 | (5)<br>TOTAL ANNUAL FEE PER LICENSE | FY 2003 Annual Fee Rounded |
|----------------------------------|-----------|---------------------|--------------------|---------------------|-------------------------------------|----------------------------|
| 1A(1)(a) SSNM (HEU)              | 2         | \$5,971,309         | \$4,987,028        | \$10,958,337        | \$713,136                           | \$5,835,737                |
| 1A(1)(b) SNM (LEU)               | 3         | 4,330,840           | 1,181,138          | 5,511,978           | \$358,703                           | \$1,956,894                |
| 1A(2)(a) LIMITED OPS (Framatome) | 1         | 524,950             | 196,856            | 721,807             | \$46,973                            | \$769,000                  |
| 1A(2)(b) OTHER                   | 1         | 393,713             | 131,238            | 524,950             | \$34,162                            | \$559,000                  |
| 1E ENRICHMENT                    | 2         | 4,593,315           | 2,231,039          | 6,824,354           | \$444,109                           | \$3,634,231                |
| 2A(1) UF6 (Honeywell)            | 1         | 787,425             | 0                  | 787,425             | \$51,243                            | \$839,000                  |
| <b>TOTAL</b>                     | <b>10</b> | <b>\$16,601,553</b> | <b>\$8,727,298</b> | <b>\$25,328,851</b> | <b>\$1,648,327</b>                  |                            |

Col 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 |    | Enrichment |    | Liquid UF6 |    | HEU Dwn Blend |    | Convrsn/ 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        | 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     |  |

253 133 386

S = Safety  
SG = Safeguards

$$\text{Annual Licensee Fee} = (A/B) \times (ExF) + (C/D) \times (ExG)$$

Regulatory Effort Scale:

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

where A = Average Safety Effort Factor for Category which  
B = Summed Safety Effort Factors for All Licensees  
C = Average (do not include licensee in average if SG = "0") Safeguards Effort Factor for Category which Licensee is in --- If SG = 0, then G = 0  
D = Summed Safeguards Effort Factors for All Licensees  
E = Fiscal Year Programmatic Budget  
F = Percent of Fiscal Year Budget Related to Safety Programs  
G = Percent of Fiscal Year Budget Related to Safeguards Programs



FY 2003  
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. Global Nuclear Fuel - Americas, LLC                         | 70-1113         | SNM-1097         |
|                     | 2. Framatome ANP Richland                                      | 70-1257         | SNM-1227         |
|                     | 3. Westinghouse Electric - Columbia                            | 70-1151         | SNM-1107         |
| <u>1A(2)a</u>       | <u>Facilities with Limited Operations</u>                      |                 |                  |
|                     | 1. Framatome ANP   | 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-Fuel Facilities

**SURCHARGE - FY 2003**

SURCHARGE RATE: \$311,693

|  | DIRECT RESOURCES |              |                   |
|--|------------------|--------------|-------------------|
|  | \$,K             | FTE          | FEE AMOUNT (\$,M) |
| <b>TOTAL NRC</b>                       |                  |              |                   |
| FEDERAL AGENCY EXEMPTION               | 119              | 9            | 2.9               |
| NONPROFIT EDUCATIONAL EXEMPTION        | 1,009            | 18           | 6.7               |
| INTERNATIONAL ACTIVITIES               | 515              | 31           | 10.3              |
| SMALL ENTITY SUBSIDY                   |                  |              | 4.5               |
| AGREEMENT STATE OVERSIGHT              | 545              | 26           | 8.8               |
| REGULATORY SUPPORT TO AGREEMENT STATES | 3,168            | 33           | 13.4              |
| SDMP                                   | 600              | 10           | 3.6               |
| DECOMMISSIONING/RECLAMATION GENERIC    | 1,678            | 10           | 4.9               |
| LLW GENERIC                            | 818              | 6            | 2.7               |
| <b>TOTAL</b>                           | <b>8,449</b>     | <b>144.0</b> | <b>57.8</b>       |

To meet the 94% fee recovery requirement for FY 2003, the Surcharge is reduced by 6% of NRC's FY 2003 budget authority, minus the NWF and the General Fund, as shown below:

|  |             |
|--|-------------|
|  | (\$,M)      |
| Total Surcharge amount less generic LLW (see note)                     | 55.1        |
| Budget Authority minus NWF & Gen Fund                                  | 559.9       |
| Percent reduction in fee recovery amount for FY 2003                   | 6.0%        |
| Reduction in annual fee recovery amount for FY 2003                    | 33.6        |
| Surcharge, excluding LLW, less reduction in annual fee recovery amount | 21.5        |
| Generic LLW amount   | 2.7         |
| <b>Total surcharge to be assessed</b>                                  | <b>24.2</b> |

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 PERCENT           | \$,M       | NON-LLW SURCHARGE PERCENT | \$,M        | TOTAL SURCHARGE \$,M |
| POWER REACTORS                             | 74%                             | 2.0        | 79.3%                     | 17.1        | 19.1                 |
| SPENT FUEL STORAGE/REACTOR DECOMMISSIONING | --                              | --         | 8.2%                      | 1.8         | 1.8                  |
| NON-POWER REACTORS                         | --                              | --         | 0.1%                      | 0.0         | 0.0                  |
| FUEL FACILITIES                            | 8%                              | 0.2        | 6.7%                      | 1.4         | 1.6                  |
| MATERIALS                                  | 18%                             | 0.5        | 3.8%                      | 0.8         | 1.3                  |
| TRANSPORTATION                             | --                              | --         | 1.2%                      | 0.3         | 0.3                  |
| RARE EARTH FACILITIES                      | --                              | --         | 0.2%                      | 0.0         | 0.0                  |
| URANIUM RECOVERY                           | --                              | --         | 0.7%                      | 0.1         | 0.1                  |
| <b>TOTAL</b>                               | <b>100</b>                      | <b>2.7</b> | <b>100.0%</b>             | <b>21.5</b> | <b>24.2</b>          |

SEE BUDGET AUTHORITY TAB  
FOR BUDGETED SURCHARGE COSTS

# Uranium Rec. Annual Fee

03/05/2003

FY 2003 DIRECT RESOURCES

Sheet A-Summary

Data as of 03/03/03

|  | TOTAL          |               | POWER REACTORS  |               | SPENT FUEL STORAGE/<br>REACTOR DECOMM |             | NON POWER<br>REACTORS |            | FUEL FACILITY  |             | MATERIALS      |             | TRANSPORTATION |             | RARE EARTH<br>FACILITIES |                | URANIUM RECOVERY |             | OTHER APPLICANTS |            | INCLUDED IN<br>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   | 88,709         | 1,568         | 79,484          | 1,102         | 166                                   | 5           | 52                    | 1          | 0              | 0           | 0              | 0           | 0              | 0           | 0                        | 0              | 0                | 0           | 0                | 0          | 389                      | 7            |
| NUCLEAR MATERIALS SAFETY   | 15,884         | 384           | 2,109           | 10            | 653                                   | 7           | 1                     | 0          | 4,536          | 88          | 1,216          | 72          | 361            | 5           | 39                       | 1              | 136              | 10          | 21               | 0          | 4,734                    | 71           |
| NUCLEAR WASTE SAFETY   | 23,964         | 208           | 1,171           | 6             | 15,078                                | 79          | 0                     | 0          | 1,925          | 8           | 412            | 5           | 1,045          | 11          | 119                      | 2              | 328              | 0           | 3                | 0          | 3,050                    | 36           |
| INTERNATL. NUCLEAR SAFETY & SUPPORT                                  | 705            | 38            | 0               | 0             | 0                                     | 0           | 0                     | 0          | 0              | 0           | 0              | 0           | 0              | 0           | 0                        | 0              | 0                | 0           | 0                | 2          | 224                      | 28           |
| MANAGEMENT AND SUPPORT   | 100,897        | 602           | 383             | 20            | 0                                     | 0           | 0                     | 0          | 0              | 0           | 0              | 0           | 0              | 0           | 0                        | 0              | 0                | 0           | 0                | 0          | 52                       | 2            |
| INSPECTOR GENERAL  | 1,300          | 44            | 0               | 0             | 0                                     | 0           | 0                     | 0          | 0              | 0           | 0              | 0           | 0              | 0           | 0                        | 0              | 0                | 0           | 0                | 0          | 0                        | 0            |
| <b>SUBTOTAL - FEE BASE RESOURCE</b>                                  | <b>231,459</b> | <b>2840.0</b> | <b>83,126.6</b> | <b>1137.1</b> | <b>15,896.9</b>                       | <b>90.6</b> | <b>52.3</b>           | <b>0.9</b> | <b>6,460.1</b> | <b>95.8</b> | <b>1,628.6</b> | <b>77.5</b> | <b>1,405.6</b> | <b>16.1</b> | <b>158.1</b>             | <b>2,444.0</b> | <b>463.3</b>     | <b>10.1</b> | <b>24.1</b>      | <b>1.6</b> | <b>8,449.2</b>           | <b>144.0</b> |
| <hr/>  |                |               |                 |               |                                       |             |                       |            |                |             |                |             |                |             |                          |                |                  |             |                  |            |                          |              |
| <b>FY 2003 FEE AMOUNTS</b>   |                |               | 397.7           |               | 41.3                                  |             | 0.3                   |            | 33.4           |             | 23.4           |             | 5.9            |             | 0.8                      |                | 3.3              |             | 0.47             |            | 53.3                     |              |
| <b>LESS PART 170 FEES</b>  |                |               | 106.3           |               | 5.6                                   |             | 0.1                   |            | 7.9            |             | 0.7            |             | 1.2            |             | 0.5                      |                | 1.9              |             | 0.47             |            | 0.0                      |              |
| <b>PART 171 ANNUAL FEES</b>  |                |               | =               |               | =                                     |             | =                     |            | =              |             | =              |             | =              |             | =                        |                | =                |             | =                |            | =                        |              |
| <b>PART 171 ANNUAL FEES</b>  |                |               | 291.4           |               | 35.7                                  |             | 0.3                   |            | 25.5           |             | 22.7           |             | 4.7            |             | 0.3                      |                | 1.4              |             | 0.000            |            | 53.3                     |              |
| <b>% OF BUDGET (EXCL. SURCHARGE, OTHER APPL. &amp; SMALL ENTITY)</b> |                |               | 79.27%          |               | 8.24%                                 |             | 0.06%                 |            | 6.65%          |             | 3.77%          |             | 1.18%          |             | 0.17%                    |                | 0.66%            |             | N/A              |            |                          |              |
| <b>Surcharge (including small entity)</b>                            |                |               | 19.1            |               | 1.8                                   |             | 0.0                   |            | 1.6            |             | 1.3            |             | 0.3            |             | 0.0                      |                | 0.1              |             | N/A              |            |                          |              |
|  |                |               | 0.18339         |               | 0.01467                               |             |                       |            |                |             |                |             |                |             |                          |                |                  |             |                  |            |                          |              |
| <b>Part 171 billing adjustments</b>                                  |                |               | (1.5)           |               | (0.2)                                 |             | (0.0)                 |            | (0.1)          |             | (0.1)          |             | (0.0)          |             | (0.0)                    |                | (0.01)           |             | N/A              |            |                          |              |
| Adjustment for FY 2003 recission                                     |                |               | (0.1628)        |               | (0.0169)                              |             | (0.0001)              |            | (0.0137)       |             | (0.0077)       |             | (0.0024)       |             | (0.0003)                 |                | (0.0013)         |             |                  |            |                          |              |
| <b>TOTAL FY 2003 ANNUAL FEE</b>                                      |                |               | 306.8           |               | 37.3                                  |             | 0.2732                |            | 26.9772        |             | 23.9239        |             | 4.9711         |             | 0.377255                 |                | 1.5259           |             | 0.0              |            |                          |              |

FTE RATES

REACTOR PROGRAM = 276,661  
MATERIALS PROGRAM = 280,876  
SURCHARGE = 311,693

\$,M

SMALL ENTITY SUBSIDY = 4.5  
Total Surcharge (Reflects 6% off the fee base) 24.2

TOTAL PART 171 BILLING ADJUSTMENTS

\$,K

Est. Unpaid FY 2003 Part 171 Bills 2.40  
Est. Payments From Prior Year Part 171 Bills (4.30)  
Adjustment for add'l FY 2002 collections 0.00

Total (1.90)

Adjustment for FY 2003 recission (0.205)

**URANIUM RECOVERY ANNUAL FEES  
FY 2003**

|  |                    |
|--|--------------------|
| TOTAL ANNUAL FEE AMOUNT (excl. surcharge): | <b>TOTAL</b>       |
| TOTAL SURCHARGE:                           | <b>\$1,384,252</b> |
| TOTAL:                                     | <b>141,658</b>     |
|  | <b>\$1,525,910</b> |

**GROUP 1  
Calculation of DOE Annual Fee**

| Fee Category   | FTE | FTE Rate                  | Total Fee |
|--|-----|---------------------------|-----------|
| 18 B DOE UMRCA Budgeted Costs:                               | 14  | \$280,876                 | \$393,227 |
| 50% x (Total Annual Fee Amount (excl. surcharge) less UMRCA) |     |                           | \$495,513 |
| 50% of Surcharge   |     |                           | \$70,829  |
|  |     |                           | <hr/>     |
|  |     | Total:                    | \$959,569 |
|  |     | DOE's Annual Fee Rounded: | \$960,000 |

**GROUP 2  
Calculation of Annual Fee Amount for Remaining UR Licensees**

|  |                  |
|--|------------------|
| Remaining Annual Fee Amount (excl. surcharge): | <b>Total Fee</b> |
| Remaining Surcharge Amount (50%):              | \$495,513        |
|  | <hr/>            |
|  | \$70,829         |
|  | <hr/>            |
|  | Total: \$566,342 |

CALCULATION OF ANNUAL FEE AMOUNTS BY CATEGORY.

| Fee Category                        | (1)                | (2)             | (3)                | (4)     | (5)                   | (6)                    | (7)       | (8)      | FY 2003 Annual Fee Rounded |
|-------------------------------------|--------------------|-----------------|--------------------|---------|-----------------------|------------------------|-----------|----------|----------------------------|
|                                     | Number of Licenses | Category Weight | Total Weight Value | Percent | Total base annual fee | Annual Fee Per License |           | Total    |                            |
|                                     |                    |                 |                    |         |                       | Base                   | Surcharge |          |                            |
| 2 A.(2)(a) <u>Conventional Mill</u> | 3                  | 770             | 2310               | 34%     | \$170,079             | \$58,693               | \$8,104   | \$64,797 | \$64,800                   |
| 2.A (2)(b) <u>Solution Mining</u>   | 6                  | 645             | 3870               | 58%     | \$284,938             | \$47,490               | \$6,788   | \$54,278 | \$54,300                   |
| 2 A.(3) <u>11e.2 Waste Disposal</u> | 1                  | 475             | 475                | 7%      | \$34,973              | \$34,973               | \$4,999   | \$39,972 | \$40,000                   |
| 2 A (4) Disposal Facilities         | 1                  | 75              | 75                 | 1%      | \$5,522               | \$5,522                | \$789     | \$6,311  | \$6,300                    |
| 2 A (4) Disposal at POL Sites       | <hr/>              | <hr/>           | <hr/>              | <hr/>   | <hr/>                 | <hr/>                  | <hr/>     | <hr/>    | <hr/>                      |
| <b>TOTAL</b>                        | 11                 | 1965            | 6730               | 100%    | \$495,513             |                        |           |          |                            |

- Col 3= Col 1 x Col 2
- Col 5= Col 4 x Group 2 Total Base Fee
- Col. 6= Col 5 /Col 1
- Col 7= Col. 4 x Group 2 Surcharge Amount/Col. 1
- Col 8= Col 6 + Col 7



FY 2003  
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 <sup>1</sup> |
|                     | <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. Power Resources                                       | 40-8964       | SUA-1548              |
|                     | 4. Power Resources                                       | 40-8857       | SUA-1511              |
|                     | 5. Quivira Mining  | 40-8905       | SUA-1473              |
|                     | 6. 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               |
|                     | <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              |
|                     | 6. Shieldalloy   | 40-7102       | SMB-743               |
|                     | <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               |

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<sup>1</sup>Filed POL October 24, 2002. To be billed 50 percent of the annual fee for FY 2003.

**MATRIX OF REGULATORY EFFORT BY CATEGORY OF LICENSEE**  
(excluding possession only licensees)

| TYPE OF SITE  | OPERATIONS 50         |                        |                           | CLOSURE 50            |                    |                               | Total       |
|---|-----------------------|------------------------|---------------------------|-----------------------|--------------------|-------------------------------|-------------|
|   | Mill Operations<br>20 | Waste Operations<br>15 | Groundwater Control<br>15 | Decommissioning<br>10 | Reclamation<br>15  | Groundwater Restoration<br>25 |             |
| Conventional Mill<br>- Licensed to extract UR                           | 200<br>Significant    | 75<br>Some             | 75<br>Some                | 20<br>Minor           | 150<br>Significant | 250<br>Significant            | 770         |
| Conventional Mill<br>- Licensed to extract UR<br>& large scale disposal | 200<br>Significant    | 150<br>Significant     | 75<br>Some                | 20<br>Minor           | 150<br>Significant | 250<br>Significant            | 845         |
| Solution Mining<br>- Licensed to extract UR                             | 200<br>Significant    | 75<br>Some             | 150<br>Significant        | 20<br>Minor           | 75<br>Some         | 125<br>Some                   | 645         |
| Waste Disposal<br>- Large scale disposal                                | 0<br>None             | 150<br>Significant     | 30<br>Minor               | 20<br>Minor           | 150<br>Significant | 125<br>Some                   | 475         |
| <b>GRAND TOTAL</b>  |                       |                        |                           |                       |                    |                               | <b>2735</b> |

Level of Regulatory Effort

|             |    |
|-------------|----|
| Significant | 10 |
| Some        | 5  |
| Minor       | 2  |
| None        | 0  |

*NOTE: Table revised in 1999 to reflect current degree of regulatory attention given to these types of operations at uranium recovery facilities*

**CALCULATION OF ANNUAL FEES FOR URANIUM RECOVERY LICENSEES**  
(excluding possession only licensees)

| <u>TYPE OF SITE</u>  | <u>(A)</u><br><u>NO. OF SITES</u> | <u>(B)</u><br><u>CATEGORY WEIGHT FROM MATRIX</u> | <u>(C)</u><br><u>(A) x (B) TOTAL CATEGORY WEIGHT</u> | <u>(D)</u><br><u>(C) / 8250 PERCENTAGE OF TOTAL</u> | <u>(E)</u><br><u>ANNUAL FEE BY CATEGORY</u> | <u>ANNUAL FEE PER LICENSEE</u> |
|--|-----------------------------------|--|--|---|---|--------------------------------|
| <b>Conventional Mill</b><br>- Licensed or in standby to extract UR   | 3                                 | 770  | 2310   | 28%   | (D) x total 171 fees                        | (E) / (A)                      |
| <b>Conventional Mill</b><br>- Large scale disposal surcharge   | 0                                 | 75   | 0  | 0%  | (D) x total 171 fees                        | (E) / (A)                      |
| <b>Solution Mining</b><br>- Licensed or in standby to extract UR   | 7                                 | 645  | 4515   | 54.7%   | (D) x total 171 fees                        | (E) / (A)                      |
| <b>Waste Disposal</b><br>- Large scale disposal (POL mills w/large scale disposal included in this category) | 3                                 | 475  | <u>1425</u>  | 17.3%   | (D) x total 171 fees                        | (E) / (A)                      |
| <b>TOTAL</b>   |                                   |  | 8250   |   |   |                                |

## URANIUM RECOVERY GENERIC PROGRAM ELEMENTS

|  | <u>Weighting Factor</u> |
|--|-------------------------|
| <b>OPERATIONS</b>                        | <b>50</b>               |
| - Mill operations                        | 20                      |
| - Waste handling operations              | 15                      |
| - Groundwater contamination prevention   | 15                      |
| <b>CLOSURE</b>                           | <b>50</b>               |
| - Decommissioning of facilities and land | 10                      |
| - Reclamation of impoundments            | 15                      |
| - Cleanup of groundwater contamination   | 25                      |

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

Surcharge-Uranium Rec.

**SURCHARGE - FY 2003**

SURCHARGE RATE: \$311,693

|  | DIRECT RESOURCES |              |                   |
|--|------------------|--------------|-------------------|
|  | \$,K             | FTE          | FEE AMOUNT (\$,M) |
| <b>TOTAL NRC</b>                       |                  |              |                   |
| FEDERAL AGENCY EXEMPTION               | 119              | 9            | 2.9               |
| NONPROFIT EDUCATIONAL EXEMPTION        | 1,009            | 18           | 6.7               |
| INTERNATIONAL ACTIVITIES               | 515              | 31           | 10.3              |
| SMALL ENTITY SUBSIDY                   |                  |              | 4.5               |
| AGREEMENT STATE OVERSIGHT              | 545              | 26           | 8.8               |
| REGULATORY SUPPORT TO AGREEMENT STATES | 3,168            | 33           | 13.4              |
| SDMP                                   | 600              | 10           | 3.6               |
| DECOMMISSIONING/RECLAMATION GENERIC    | 1,678            | 10           | 4.9               |
| LLW GENERIC                            | 818              | 6            | 2.7               |
| <b>TOTAL</b>                           | <b>8,449</b>     | <b>144.0</b> | <b>57.8</b>       |

To meet the 94% fee recovery requirement for FY 2003, the Surcharge is reduced by 6% of NRC's FY 2003 budget authority, minus the NWF and the General Fund, as shown below:

|  |             |
|--|-------------|
|  | (\$,M)      |
| Total Surcharge amount less generic LLW (see note)                     | 55.1        |
| Budget Authority minus NWF & Gen Fund                                  | 559.9       |
| Percent reduction in fee recovery amount for FY 2003                   | 6.0%        |
| Reduction in annual fee recovery amount for FY 2003                    | 33.6        |
| Surcharge, excluding LLW, less reduction in annual fee recovery amount | 21.5        |
| Generic LLW amount   | 2.7         |
| <b>Total surcharge to be assessed</b>                                  | <b>24.2</b> |

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 PERCENT           | \$,M       | NON-LLW SURCHARGE PERCENT | \$,M        | TOTAL SURCHARGE \$,M |
| POWER REACTORS                             | 74%                             | 2.0        | 79.3%                     | 17.1        | 19.1                 |
| SPENT FUEL STORAGE/REACTOR DECOMMISSIONING | ---                             | ---        | 8.2%                      | 1.8         | 1.8                  |
| NON-POWER REACTORS                         | ---                             | ---        | 0.1%                      | 0.0         | 0.0                  |
| FUEL FACILITIES                            | 6%                              | 0.2        | 6.7%                      | 1.4         | 1.6                  |
| MATERIALS                                  | 18%                             | 0.5        | 3.8%                      | 0.8         | 1.3                  |
| TRANSPORTATION                             | ---                             | ---        | 1.2%                      | 0.3         | 0.3                  |
| RARE EARTH FACILITIES                      | ---                             | ---        | 0.2%                      | 0.0         | 0.0                  |
| URANIUM RECOVERY                           | ---                             | ---        | 0.7%                      | 0.1         | 0.1                  |
| <b>TOTAL</b>                               | <b>100</b>                      | <b>2.7</b> | <b>100.0%</b>             | <b>21.5</b> | <b>24.2</b>          |

SEE BUDGET AUTHORITY TAB  
FOR BUDGETED SURCHARGE COSTS



# Rare Earth Annual Fee

03/05/2003

FY 2003 DIRECT RESOURCES

Sheet A-Summary

Data as of 03/03/03

|  | TOTAL          |               | POWER REACTORS  |               | SPENT FUEL STORAGE/<br>REACTOR DECOMM |             | NON-POWER<br>REACTORS |            | FUEL FACILITY  |             | MATERIALS      |             | TRANSPORTATION |             | RARE EARTH<br>FACILITIES |                | URANIUM RECOVERY |             | OTHER APPLICANTS |            | INCLUDED IN<br>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   | 88,709         | 1,566         | 79,484          | 1,102         | 166                                   | 5           | 52                    | 1          | 0              | 0           | 0              | 0           | 0              | 0           | 0                        | 0              | 0                | 0           | 0                | 0          | 0                        | 389          | 7 |
| NUCLEAR MATERIALS SAFETY   | 15,884         | 384           | 2,109           | 10            | 653                                   | 7           | 1                     | 0          | 4,536          | 88          | 1,216          | 72          | 361            | 5           | 39                       | 1              | 136              | 10          | 21               | 0          | 4,734                    | 71           |   |
| NUCLEAR WASTE SAFETY   | 23,964         | 206           | 1,171           | 6             | 15,078                                | 79          | 0                     | 0          | 1,925          | 8           | 412            | 5           | 1,045          | 11          | 119                      | 2              | 328              | 0           | 3                | 0          | 3,050                    | 36           |   |
| INTERNATL NUCLEAR SAFETY & SUPPORT                                   | 705            | 38            | 0               | 0             | 0                                     | 0           | 0                     | 0          | 0              | 0           | 0              | 0           | 0              | 0           | 0                        | 0              | 0                | 0           | 0                | 2          | 224                      | 28           |   |
| MANAGEMENT AND SUPPORT   | 100,897        | 602           | 363             | 20            | 0                                     | 0           | 0                     | 0          | 0              | 0           | 0              | 0           | 0              | 0           | 0                        | 0              | 0                | 0           | 0                | 0          | 52                       | 2            |   |
| INSPECTOR GENERAL  | 1,300          | 44            | 0               | 0             | 0                                     | 0           | 0                     | 0          | 0              | 0           | 0              | 0           | 0              | 0           | 0                        | 0              | 0                | 0           | 0                | 0          | 0                        | 0            |   |
| <b>SUBTOTAL - FEE BASE RESOURCE</b>                                  | <b>231,459</b> | <b>2840.0</b> | <b>83,126.6</b> | <b>1137.1</b> | <b>15,896.9</b>                       | <b>90.6</b> | <b>52.3</b>           | <b>0.9</b> | <b>6,480.1</b> | <b>95.8</b> | <b>1,628.6</b> | <b>77.5</b> | <b>1,405.8</b> | <b>16.1</b> | <b>158.1</b>             | <b>2,444.0</b> | <b>463.3</b>     | <b>10.1</b> | <b>24.1</b>      | <b>1.6</b> | <b>8,449.2</b>           | <b>144.0</b> |   |
| <hr/>  |                |               |                 |               |                                       |             |                       |            |                |             |                |             |                |             |                          |                |                  |             |                  |            |                          |              |   |
| <b>FY 2003 FEE AMOUNTS</b>   |                |               | 397.7           |               | 41.3                                  |             | 0.3                   |            | 33.4           |             | 23.4           |             | 5.9            |             | 0.8                      |                | 3.3              |             | 0.47             |            | 53.3                     |              |   |
| <b>LESS PART 170 FEES</b>  |                |               | 106.3           |               | 5.6                                   |             | 0.1                   |            | 7.9            |             | 0.7            |             | 1.2            |             | 0.5                      |                | 1.9              |             | 0.47             |            | 0.0                      |              |   |
| <b>PART 171 ANNUAL FEES</b>  |                |               | 291.4           |               | 35.7                                  |             | 0.3                   |            | 25.5           |             | 22.7           |             | 4.7            |             | 0.3                      |                | 1.4              |             | 0.000            |            | 53.3                     |              |   |
| <b>% OF BUDGET (EXCL. SURCHARGE, OTHER APPL. &amp; SMALL ENTITY)</b> |                |               | 79.27%          |               | 8.24%                                 |             | 0.06%                 |            | 6.65%          |             | 3.77%          |             | 1.18%          |             | 0.17%                    |                | 0.66%            |             | N/A              |            |                          |              |   |
| <b>Surcharge (Including small entity)</b>                            |                |               | 19.1            |               | 1.8                                   |             | 0.0                   |            | 1.6            |             | 1.3            |             | 0.3            |             | 0.0                      |                | 0.1              |             | N/A              |            |                          |              |   |
|  |                |               | 0.18339         |               | 0.01467                               |             |                       |            |                |             |                |             |                |             |                          |                |                  |             |                  |            |                          |              |   |
| <b>Part 171 billing adjustments</b>                                  |                |               | (1.5)           |               | (0.2)                                 |             | (0.0)                 |            | (0.1)          |             | (0.1)          |             | (0.0)          |             | (0.0)                    |                | (0.01)           |             | N/A              |            |                          |              |   |
| Adjustment for FY 2003 recession                                     |                |               | (0.1628)        |               | (0.0169)                              |             | (0.0001)              |            | (0.0137)       |             | (0.0077)       |             | (0.0024)       |             | (0.0003)                 |                | (0.0013)         |             |                  |            |                          |              |   |
| <b>TOTAL FY 2003 ANNUAL FEE</b>                                      |                |               | 308.8           |               | 37.3                                  |             | 0.2732                |            | 26.9772        |             | 23.9239        |             | 4.9711         |             | 0.377255                 |                | 1.5259           |             | 0.0              |            |                          |              |   |

FTE RATES

REACTOR PROGRAM = 276,661  
 MATERIALS PROGRAM = 280,876  
 SURCHARGE = 311,693

\$,M

SMALL ENTITY SUBSIDY = 4.5  
 Total Surcharge (Reflects 6% off the fee base) 24.2

\$.K

TOTAL PART 171 BILLING ADJUSTMENTS  
 Est. Unpaid FY 2003 Part 171 Bills 2.40  
 Est. Payments From Prior Year Part 171 Bills (4.30)  
 Adjustment for add'l FY 2002 collections 0.00

Total (1.90)

Adjustment for FY 2003 recession (0.205)

**Rare Earth Licenses  
FY 2003 Fee Rule**

Fee Category

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

| <u>-ame</u> | <u>Docket Number</u> | <u>License Number</u> |
|-------------|----------------------|-----------------------|
| 1. Fansteel | 40-7580              | SMB-911               |
| 2. Cabot    | 40-6940              | SMB-920               |

DETERMINATION OF THE FY 2003 ANNUAL FEE:

TOTAL BUDGETED COSTS           \$377,254

ANNUAL FEE PER LICENSE       \$189,000

(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-Rare Earth

**SURCHARGE - FY 2003**

SURCHARGE RATE: \$311,693

|  | DIRECT RESOURCES |              | FEE AMOUNT  |
|--|------------------|--------------|-------------|
|  | ,\$K             | FTE          | (\$,M)      |
| <b>TOTAL NRC</b>                       |                  |              |             |
| FEDERAL AGENCY EXEMPTION               | 119              | 9            | 2.9         |
| NONPROFIT EDUCATIONAL EXEMPTION        | 1,009            | 18           | 6.7         |
| INTERNATIONAL ACTIVITIES               | 515              | 31           | 10.3        |
| SMALL ENTITY SUBSIDY                   |                  |              | 4.5         |
| AGREEMENT STATE OVERSIGHT              | 545              | 26           | 8.8         |
| REGULATORY SUPPORT TO AGREEMENT STATES | 3,168            | 33           | 13.4        |
| SDMP                                   | 600              | 10           | 3.6         |
| DECOMMISSIONING/RECLAMATION GENERIC    | 1,678            | 10           | 4.9         |
| LLW GENERIC                            | 818              | 6            | 2.7         |
| <b>TOTAL</b>                           | <b>8,449</b>     | <b>144.0</b> | <b>57.8</b> |

To meet the 94% fee recovery requirement for FY 2003, the Surcharge is reduced by 6% of NRC's FY 2003 budget authority, minus the NWF and the General Fund, as shown below:

|  |             |
|--|-------------|
|  | (\$,M)      |
| Total Surcharge amount less generic LLW (see note)                     | 55.1        |
| Budget Authority minus NWF & Gen Fund                                  | 559.9       |
| Percent reduction in fee recovery amount for FY 2003                   | 6.0%        |
| Reduction in annual fee recovery amount for FY 2003                    | 33.6        |
| Surcharge, excluding LLW, less reduction in annual fee recovery amount | 21.5        |
| Generic LLW amount   | 2.7         |
| <b>Total surcharge to be assessed</b>                                  | <b>24.2</b> |

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

|  | LLW SURCHARGE |            | NON-LLW SURCHARGE |             | TOTAL SURCHARGE |
|--|---------------|------------|-------------------|-------------|-----------------|
|  | PERCENT       | ,\$M       | PERCENT           | ,\$M        | ,\$M            |
| POWER REACTORS                             | 74%           | 2.0        | 79.3%             | 17.1        | 19.1            |
| SPENT FUEL STORAGE/REACTOR DECOMMISSIONING | ---           | ---        | 8.2%              | 1.8         | 1.8             |
| NON-POWER REACTORS                         | ---           | ---        | 0.1%              | 0.0         | 0.0             |
| FUEL FACILITIES                            | 8%            | 0.2        | 6.7%              | 1.4         | 1.6             |
| MATERIALS                                  | 18%           | 0.5        | 3.8%              | 0.8         | 1.3             |
| TRANSPORTATION                             | ---           | ---        | 1.2%              | 0.3         | 0.3             |
| RARE EARTH FACILITIES                      | ---           | ---        | 0.2%              | 0.0         | 0.0             |
| URANIUM RECOVERY                           | ---           | ---        | 0.7%              | 0.1         | 0.1             |
| <b>TOTAL</b>                               | <b>100</b>    | <b>2.7</b> | <b>100.0%</b>     | <b>21.5</b> | <b>24.2</b>     |

SEE BUDGET AUTHORITY TAB  
FOR BUDGETED SURCHARGE COSTS

# Transportation Annual Fee



03/05/2003

FY 2003 DIRECT RESOURCES

Sheet A Summary

Data as of 03/03/03

|  | TOTAL          |               | POWER REACTORS  |               | SPENT FUEL STORAGE/<br>REACTOR DECOMM |             | NON POWER<br>REACTORS |            | FUEL FACILITY  |             | MATERIALS      |             | TRANSPORTATION |             | RARE EARTH<br>FACILITIES |               | URANIUM RECOVERY |             | OTHER APPLICANTS |            | INCLUDED IN<br>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   | 88,709         | 1,566         | 79,484          | 1,102         | 166                                   | 5           | 52                    | 1          | 0              | 0           | 0              | 0           | 0              | 0           | 0                        | 0             | 0                | 0           | 0                | 0          | 0                        | 389          | 7 |
| NUCLEAR MATERIALS SAFETY   | 15,884         | 384           | 2,109           | 10            | 653                                   | 7           | 1                     | 0          | 4,536          | 88          | 1,216          | 72          | 361            | 5           | 39                       | 1             | 136              | 10          | 21               | 0          | 4,734                    | 71           |   |
| NUCLEAR WASTE SAFETY   | 23,964         | 206           | 1,171           | 6             | 15,078                                | 79          | 0                     | 0          | 1,925          | 8           | 412            | 5           | 1,045          | 11          | 119                      | 2             | 328              | 0           | 3                | 0          | 3,050                    | 38           |   |
| INTERNATL NUCLEAR SAFETY & SUPPORT                                   | 705            | 38            | 0               | 0             | 0                                     | 0           | 0                     | 0          | 0              | 0           | 0              | 0           | 0              | 0           | 0                        | 0             | 0                | 0           | 0                | 0          | 224                      | 28           |   |
| MANAGEMENT AND SUPPORT   | 100,897        | 602           | 383             | 20            | 0                                     | 0           | 0                     | 0          | 0              | 0           | 0              | 0           | 0              | 0           | 0                        | 0             | 0                | 0           | 0                | 0          | 52                       | 2            |   |
| INSPECTOR GENERAL  | 1,300          | 44            | 0               | 0             | 0                                     | 0           | 0                     | 0          | 0              | 0           | 0              | 0           | 0              | 0           | 0                        | 0             | 0                | 0           | 0                | 0          | 0                        | 0            |   |
| <b>SUBTOTAL - FEE BASE RESOURCE</b>                                  | <b>231,459</b> | <b>2840.0</b> | <b>83,126.6</b> | <b>1137.1</b> | <b>15,896.9</b>                       | <b>90.6</b> | <b>52.3</b>           | <b>0.9</b> | <b>6,460.1</b> | <b>95.8</b> | <b>1,628.6</b> | <b>77.5</b> | <b>1,405.8</b> | <b>16.1</b> | <b>158.1</b>             | <b>2.4440</b> | <b>483.3</b>     | <b>10.1</b> | <b>24.1</b>      | <b>1.6</b> | <b>8,449.2</b>           | <b>144.0</b> |   |
| <hr/>  |                |               |                 |               |                                       |             |                       |            |                |             |                |             |                |             |                          |               |                  |             |                  |            |                          |              |   |
| <b>FY 2003 FEE AMOUNTS</b>   |                |               | 397.7           |               | 41.3                                  |             | 0.3                   |            | 33.4           |             | 23.4           |             | 5.9            |             | 0.8                      |               | 3.3              |             | 0.47             |            | 53.3                     |              |   |
| <b>LESS PART 170 FEES</b>  |                |               | 106.3           |               | 5.6                                   |             | 0.1                   |            | 7.9            |             | 0.7            |             | 1.2            |             | 0.5                      |               | 1.9              |             | 0.47             |            | 0.0                      |              |   |
| <b>PART 171 ANNUAL FEES</b>  |                |               | 291.4           |               | 35.7                                  |             | 0.3                   |            | 25.5           |             | 22.7           |             | 4.7            |             | 0.3                      |               | 1.4              |             | 0.000            |            | 53.3                     |              |   |
| <b>% OF BUDGET (EXCL. SURCHARGE, OTHER APPL. &amp; SMALL ENTITY)</b> |                |               | 79.27%          |               | 8.24%                                 |             | 0.06%                 |            | 6.65%          |             | 3.77%          |             | 1.18%          |             | 0.17%                    |               | 0.66%            |             | N/A              |            |                          |              |   |
| <b>Surcharge (including small entity)</b>                            |                |               | 19.1            |               | 1.8                                   |             | 0.0                   |            | 1.6            |             | 1.3            |             | 0.3            |             | 0.0                      |               | 0.1              |             | N/A              |            |                          |              |   |
|  |                |               | 0.18339         |               | 0.01467                               |             |                       |            |                |             |                |             |                |             |                          |               |                  |             |                  |            |                          |              |   |
| <b>Part 171 billing adjustments</b>                                  |                |               | (1.5)           |               | (0.2)                                 |             | (0.0)                 |            | (0.1)          |             | (0.1)          |             | (0.0)          |             | (0.0)                    |               | (0.01)           |             | N/A              |            |                          |              |   |
| Adjustment for FY 2003 recession                                     |                |               | (0.1628)        |               | (0.0189)                              |             | (0.0001)              |            | (0.0137)       |             | (0.0077)       |             | (0.0024)       |             | (0.0003)                 |               | (0.0013)         |             |                  |            |                          |              |   |
| <b>TOTAL FY 2003 ANNUAL FEE</b>                                      |                |               | 308.8           |               | 37.3                                  |             | 0.2732                |            | 26.9772        |             | 23.9239        |             | 4.9711         |             | 0.377255                 |               | 1.5259           |             | 0.0              |            |                          |              |   |

FTE RATES

REACTOR PROGRAM = 276,661  
 MATERIALS PROGRAM = 280,876  
 SURCHARGE = 311,693

\$,M

SMALL ENTITY SUBSIDY = 4.5  
 Total Surcharge (Reflects 6% off the fee base) 24.2

\$,K

TOTAL PART 171 BILLING ADJUSTMENTS  
 Est. Unpaid FY 2003 Part 171 Bills 2.40  
 Est. Payments From Prior Year Part 171 Bills (4.30)  
 Adjustment for add'l FY 2002 collections 0.00

Total (1.90)

Adjustment for FY 2003 recession (0.205)

## TRANSPORTATION ANNUAL FEES

FY 2003

The total transportation budgeted costs of \$4,971,129 to be recovered from annual fees is to be obtained from two sources:

Materials Rate:

\$280,876

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

Fee Category

18.A. 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 | \$4,971,129        | <u>FY2003 Annual</u> |
|                               | x percentage | 27.34%             | <u>Fee Rounded</u>   |
| <b>Total DOE annual Fee =</b> |              | <b>\$1,359,014</b> | <b>\$1,359,000</b>   |

|   |  |                    |  |
|---|--|--------------------|--|
| Total annual fee for other Part 71 licensees= |  | \$4,971,129        |  |
| Less DOE                                      |  | <u>1,359,000</u>   |  |
|   |  | <b>\$3,612,129</b> |  |

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:

|                           | <u>FTE</u> | <u>PS\$</u> | Total            | % of total     |
|---------------------------|------------|-------------|------------------|----------------|
| Quality Assurance Reviews | 0.4        | 0.00        | \$112,351        | 25.00%         |
| QA Inspections            | 1.2        | <u>0.00</u> | <u>\$337,052</u> | <u>75.00%</u>  |
| <b>Total</b>              | <b>1.6</b> | <b>0.0</b>  | <b>\$449,402</b> | <b>100.00%</b> |

|  |  |              |            |
|--|--|--------------|------------|
| No. of QA plans for use                          |  | 89           |            |
| No. of QA plans for design, fabrication, and use |  | <u>40</u>    |            |
|  |  | <b>Total</b> | <b>129</b> |

Fee Category: Fee for QA's for use only:

10.B.2

|                    |             |                |                    |                   |
|--------------------|-------------|----------------|--------------------|-------------------|
| Fee = Total amount | \$3,612,129 |                | <u>FY 2003</u>     | <u>FY 2003</u>    |
| x percentage       | <u>0.25</u> |                | <u>Annual Fee</u>  | <u>Annual Fee</u> |
|                    | \$903,032   | divided by no. | <u>Per license</u> | <u>Rounded</u>    |
|                    |             | of licensees:  | <b>\$7,000</b>     | <b>\$7,000</b>    |
|                    |             | 129            |                    |                   |

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

10.B.1

|                    |             |                |                    |                   |
|--------------------|-------------|----------------|--------------------|-------------------|
| Fee = Total amount | \$3,612,129 |                | <u>FY 2003</u>     | <u>FY 2003</u>    |
| x percentage       | 0.75        |                | <u>Annual Fee</u>  | <u>Annual Fee</u> |
|                    | \$2,709,097 | divided by no. | <u>Per license</u> | <u>Rounded</u>    |
|                    |             | of licensees:  | \$67,727           |                   |
|                    |             | 40             | <u>7,000</u>       |                   |
|                    |             | +Use only fee  | <b>\$74,728</b>    | <b>\$75,000</b>   |

**From:** Gloria Bennington  
**To:** Ann Norris  
**Date:** Wed, Nov 20, 2002 2:51 PM  
**Subject:** Fwd: Re: Information

Route Approvals Completed = 7  
Rejected Requests = 1 (DOE Brookhaven/SRS)  
Pending = 1  
Note - Received 1 request from Educational Institution 10/1/02

Gloria.

>>> Ann Norris 11/18/02 10:00AM >>>

Data as of October 2002 - in other words current data. Thanks so much. Keep me posted on meeting the 11/21 date. Thanks so much.

>>> Gloria Bennington 11/18/02 09:59AM >>>

Ann - Is the information regarding route approvals for the last fiscal year? It may be difficult to provide you with my portion by Nov. 21, but I will try. Gloria.

**CC:** Francis Young; Robert Nelson

**From:** Michelle DeBose  
**To:** Ann Norris  
**Date:** Thu, Nov 21, 2002 3:12 PM  
**Subject:** Re: Information

The information you requested is a follows:

Number of Registered Users: 464

Number of Federal Agency Registered Users: 18

Number of Educational Institution Registered Users: 23

Total Number of Certificates of Compliance: 139

Number of DOE Certificates of Compliance: 38

Number of QA plans for use: 89

Number of QA plans for design, fabrication, use: 40

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

# Surcharge-Transportation

SURCHARGE - FY 2003

SURCHARGE RATE. \$311,693

|  | DIRECT RESOURCES |              |                   |
|--|------------------|--------------|-------------------|
|  | \$,K             | FTE          | FEE AMOUNT (\$,M) |
| <b>TOTAL NRC</b>                       |                  |              |                   |
| FEDERAL AGENCY EXEMPTION               | 119              | 9            | 2.9               |
| NONPROFIT EDUCATIONAL EXEMPTION        | 1,009            | 18           | 6.7               |
| INTERNATIONAL ACTIVITIES               | 515              | 31           | 10.3              |
| SMALL ENTITY SUBSIDY                   |                  |              | 4.5               |
| AGREEMENT STATE OVERSIGHT              | 545              | 26           | 8.8               |
| REGULATORY SUPPORT TO AGREEMENT STATES | 3,168            | 33           | 13.4              |
| SDMP                                   | 600              | 10           | 3.6               |
| DECOMMISSIONING/RECLAMATION GENERIC    | 1,678            | 10           | 4.9               |
| LLW GENERIC                            | 818              | 6            | 2.7               |
| <b>TOTAL</b>                           | <b>8,449</b>     | <b>144.0</b> | <b>57.8</b>       |

To meet the 94% fee recovery requirement for FY 2003, the Surcharge is reduced by 6% of NRC's FY 2003 budget authority, minus the NWF and the General Fund, as shown below

|  |             |
|--|-------------|
|  | (\$,M)      |
| Total Surcharge amount less generic LLW (see note)                     | 55.1        |
| Budget Authority minus NWF & Gen Fund                                  | 559.9       |
| Percent reduction in fee recovery amount for FY 2003                   | 6.0%        |
| Reduction in annual fee recovery amount for FY 2003                    | 33.6        |
| Surcharge, excluding LLW, less reduction in annual fee recovery amount | 21.5        |
| Generic LLW amount   | 2.7         |
| <b>Total surcharge to be assessed</b>                                  | <b>24.2</b> |

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%                             | 2.0        | 79.3%             | 17.1        | 19.1            |
| SPENT FUEL STORAGE/REACTOR DECOMMISSIONING | --                              | --         | 8.2%              | 1.8         | 1.8             |
| NON-POWER REACTORS                         | --                              | --         | 0.1%              | 0.0         | 0.0             |
| FUEL FACILITIES                            | 8%                              | 0.2        | 6.7%              | 1.4         | 1.6             |
| MATERIALS                                  | 18%                             | 0.5        | 3.8%              | 0.8         | 1.3             |
| TRANSPORTATION                             | --                              | --         | 1.2%              | 0.3         | 0.3             |
| RARE EARTH FACILITIES                      | --                              | --         | 0.2%              | 0.0         | 0.0             |
| URANIUM RECOVERY                           | --                              | --         | 0.7%              | 0.1         | 0.1             |
| <b>TOTAL</b>                               | <b>100</b>                      | <b>2.7</b> | <b>100.0%</b>     | <b>21.5</b> | <b>24.2</b>     |

SEE BUDGET AUTHORITY TAB  
FOR BUDGETED SURCHARGE COSTS



# Materials Annual Fee

03/05/2003

FY 2003 DIRECT RESOURCES

Sheet A-Summary

Data as of 03/03/03

|  | TOTAL                  |             | POWER REACTORS |             | SPENT FUEL STORAGE/<br>REACTOR DECOMM |           | NON POWER<br>REACTORS |            | FUEL FACILITY |           | MATERIALS    |           | TRANSPORTATION |           | RARE EARTH<br>FACILITIES |          | URANIUM RECOVERY |           | OTHER APPLICANTS |          | INCLUDED IN<br>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 | 88,709      | 1,566          | 79,484      | 1,102                                 | 166       | 5                     | 52         | 1             | 0         | 0            | 0         | 0              | 0         | 0                        | 0        | 0                | 0         | 0                | 0        | 0                        | 0          | 389 |
| NUCLEAR MATERIALS SAFETY   | 15,884                 | 384         | 2,109          | 10          | 653                                   | 7         | 1                     | 0          | 4,536         | 88        | 1,216        | 72        | 361            | 5         | 39                       | 1        | 136              | 10        | 21               | 0        | 4,734                    | 71         |     |
| NUCLEAR WASTE SAFETY   | 23,964                 | 208         | 1,171          | 6           | 15,078                                | 79        | 0                     | 0          | 1,925         | 8         | 412          | 5         | 1,045          | 11        | 119                      | 2        | 328              | 0         | 3                | 0        | 3,050                    | 38         |     |
| INTERNATL. NUCLEAR SAFETY & SUPPORT<br>MANAGEMENT AND SUPPORT        | 705                    | 38          | 0              | 0           | 0                                     | 0         | 0                     | 0          | 0             | 0         | 0            | 0         | 0              | 0         | 0                        | 0        | 0                | 0         | 0                | 2        | 224                      | 28         |     |
| INSPECTOR GENERAL  | 100,897                | 602         | 363            | 20          | 0                                     | 0         | 0                     | 0          | 0             | 0         | 0            | 0         | 0              | 0         | 0                        | 0        | 0                | 0         | 0                | 0        | 52                       | 2          |     |
|  | 1,300                  | 44          | 0              | 0           | 0                                     | 0         | 0                     | 0          | 0             | 0         | 0            | 0         | 0              | 0         | 0                        | 0        | 0                | 0         | 0                | 0        | 0                        | 0          |     |
| <b>SUBTOTAL - FEE BASE RESOURCE</b>                                  | <b>231,459</b>         | <b>2840</b> | <b>83,128</b>  | <b>1137</b> | <b>15,896</b>                         | <b>90</b> | <b>52.3</b>           | <b>0.9</b> | <b>6,460</b>  | <b>95</b> | <b>1,628</b> | <b>77</b> | <b>1,405</b>   | <b>16</b> | <b>158</b>               | <b>2</b> | <b>463</b>       | <b>10</b> | <b>24</b>        | <b>1</b> | <b>6,449</b>             | <b>144</b> |     |
| <hr/>  |                        |             |                |             |                                       |           |                       |            |               |           |              |           |                |           |                          |          |                  |           |                  |          |                          |            |     |
| <b>FY 2003 FEE AMOUNTS</b>   |                        |             |                | 397.7       |                                       | 41.3      |                       | 0.3        |               | 33.4      |              | 23.4      |                | 5.9       |                          | 0.8      |                  | 3.3       |                  | 0.47     |                          | 53.3       |     |
| <b>LESS PART 170 FEES</b>  |                        |             |                | 106.3       |                                       | 5.6       |                       | 0.1        |               | 7.9       |              | 0.7       |                | 1.2       |                          | 0.5      |                  | 1.9       |                  | 0.47     |                          | 0.0        |     |
| <b>PART 171 ANNUAL FEES</b>  |                        |             |                | =           |                                       | =         |                       | =          |               | =         |              | =         |                | =         |                          | =        |                  | =         |                  | =        |                          | =          |     |
|  |                        |             |                | 291.4       |                                       | 35.7      |                       | 0.3        |               | 25.5      |              | 22.7      |                | 4.7       |                          | 0.3      |                  | 1.4       |                  | 0.000    |                          | 53.3       |     |
| <b>% OF BUDGET (EXCL. SURCHARGE, OTHER APPL. &amp; SMALL ENTITY)</b> |                        |             |                | 79.27%      |                                       | 8.24%     |                       | 0.06%      |               | 6.65%     |              | 3.77%     |                | 1.18%     |                          | 0.17%    |                  | 0.66%     |                  | N/A      |                          |            |     |
| <b>Surcharge (including small entity)</b>                            |                        |             |                | 19.1        |                                       | 1.8       |                       | 0.0        |               | 1.6       |              | 1.3       |                | 0.3       |                          | 0.0      |                  | 0.1       |                  | N/A      |                          |            |     |
|  |                        |             |                | 0.18339     |                                       | 0.01467   |                       |            |               |           |              |           |                |           |                          |          |                  |           |                  |          |                          |            |     |
| <b>Part 171 billing adjustments</b>                                  |                        |             |                | (1.5)       |                                       | (0.2)     |                       | (0.0)      |               | (0.1)     |              | (0.1)     |                | (0.0)     |                          | (0.0)    |                  | (0.01)    |                  | N/A      |                          |            |     |
| <b>Adjustment for FY 2003 rescission</b>                             |                        |             |                | (0.1628)    |                                       | (0.0169)  |                       | (0.0001)   |               | (0.0137)  |              | (0.0077)  |                | (0.0024)  |                          | (0.0003) |                  | (0.0013)  |                  |          |                          |            |     |
| <b>TOTAL FY 2003 ANNUAL FEE</b>                                      |                        |             |                | 308.8       |                                       | 37.3      |                       | 0.2732     |               | 26.9772   |              | 23.9239   |                | 4.9711    |                          | 0.377255 |                  | 1.5259    |                  | 0.0      |                          |            |     |

FTE RATES

REACTOR PROGRAM = 276,661  
MATERIALS PROGRAM = 280,876  
SURCHARGE = 311,693

\$,M

SMALL ENTITY SUBSIDY = 4.5  
Total Surcharge (Reflects 6% off the fee base) 24.2

\$,K

TOTAL PART 171 BILLING ADJUSTMENTS  
Est. Unpaid FY 2003 Part 171 Bills 2.40  
Est. Payments From Prior Year Part 171 Bills (4.30)  
Adjustment for add'l FY 2002 collections 0.00

Total (1.90)

Adjustment for FY 2003 rescission (0.205)

| License Fee Category                        | NUMBER OF LICENSES<br>FY 2003 |                             |                      | 682 682                            |        |     |         |         |                       |     |             |        |                   | FY 2003<br>Annual Fee<br>(Rounded) |           |      |      |                   |       |                            |             |                                    |       |          |          |         |                       |            |                                   |     |                   |                                 |                    |                 |
|---|-------------------------------|-----------------------------|----------------------|------------------------------------|--------|-----|---------|---------|-----------------------|-----|-------------|--------|-------------------|------------------------------------|-----------|------|------|-------------------|-------|----------------------------|-------------|------------------------------------|-------|----------|----------|---------|-----------------------|------------|-----------------------------------|-----|-------------------|---------------------------------|--------------------|-----------------|
|   | Billed<br>at FY 2002<br>Fee   | Billed<br>at FY 2003<br>Fee | Total For<br>FY 2003 | (2)                                | (3)    | (4) | (5)     | (6)     | (7)                   | (8) | (9)         | (10)   | (11)              | (12)                               | (13)      | (14) | (15) | Number of         |       | Small<br>Entity<br>Subsidy | 2300<br>500 |                                    |       |          |          |         |                       |            |                                   |     |                   |                                 |                    |                 |
|   |                               |                             |                      |                                    |        |     |         |         |                       |     |             |        |                   |                                    |           |      |      | Part 170 Fees(\$) |       |                            |             | Part 171 Base Fee Per License (\$) |       |          |          |         | Surcharge per License |            | Total Exact                       |     | Total Collections |                                 | Real               |                 |
|   |                               |                             |                      |                                    |        |     |         |         |                       |     |             |        |                   |                                    |           |      |      | Appl              | Insp. |                            |             | Insp.                              | Prior | Multiple | Multiple | General | Unique                | Inspection | Total<br>state fee<br>per license | LLW | Other             | Annual<br>Fee<br>per<br>license | Base Fee<br>(\$ K) | TOTAL<br>(\$ K) |
| Calc. of<br>General<br>of Insp.             |                               | Calc. of<br>Insp.           |                      | Part 171 Base Fee Per License (\$) |        |     |         |         | Surcharge per License |     | Total Exact |        | Total Collections |                                    | Number of |      |      |                   |       |                            |             |                                    |       |          |          |         |                       |            |                                   |     |                   |                                 |                    |                 |
| SPECIAL NUCLEAR MATERIAL.                   |                               |                             |                      |                                    |        |     |         |         |                       |     |             |        |                   |                                    |           |      |      |                   |       |                            |             |                                    |       |          |          |         |                       |            |                                   |     |                   |                                 |                    |                 |
| 1C Industrial Gauges                        | 7                             | 5                           | 12.0                 | 730                                | 2,360  | 5   | 14424   | 5664    | 1422                  |     | 434         | 1 856  |                   | 64                                 | 1 920     | 22   | 23   | 0                 | 0     | 0                          | 1,900       |                                    |       |          |          |         |                       |            |                                   |     |                   |                                 |                    |                 |
| 1D All Other SNM                            | 50                            | 12                          | 62.0                 | 1,500                              | 4 700  | 5   | 151280  | 58280   | 2887                  |     | 865         | 3 752  | 682               | 130                                | 4 583     | 233  | 283  | 6                 | 0     | 13800                      | 4,600       |                                    |       |          |          |         |                       |            |                                   |     |                   |                                 |                    |                 |
| SOURCE MATERIAL.                            |                               |                             |                      |                                    |        |     |         |         |                       |     |             |        |                   |                                    |           |      |      |                   |       |                            |             |                                    |       |          |          |         |                       |            |                                   |     |                   |                                 |                    |                 |
| 2B Shielding                                | 18                            | 5                           | 23.0                 | 170                                | 1 700  | 7   | 9496    | 5586    | 488                   |     | 223         | 712    |                   | 22                                 | 734       | 16   | 17   | 1                 | 0     | 0                          | 730         |                                    |       |          |          |         |                       |            |                                   |     |                   |                                 |                    |                 |
| 2C Other Source Materials                   | 52                            | 20                          | 72.0                 | 6,200                              | 7,200  | 5   | 550080  | 103680  | 9039                  |     | 1325        | 10,364 | 682               | 406                                | 11,451    | 746  | 825  | 8                 | 1     | 84600                      | 11,500      |                                    |       |          |          |         |                       |            |                                   |     |                   |                                 |                    |                 |
| BYPRODUCT MATERIAL:                         |                               |                             |                      |                                    |        |     |         |         |                       |     |             |        |                   |                                    |           |      |      |                   |       |                            |             |                                    |       |          |          |         |                       |            |                                   |     |                   |                                 |                    |                 |
| 3A Manufacturing - Broad                    | 6                             | 1                           | 7.0                  | 7,400                              | 11,300 | 2   | 91350   | 39550   | 15440                 |     | 5198        | 20 638 | 682               | 694                                | 22 013    | 144  | 154  | 0                 | 0     | 0                          | 22,000      |                                    |       |          |          |         |                       |            |                                   |     |                   |                                 |                    |                 |
| 3B Manufacturing - Other                    | 53                            | 13                          | 66.0                 | 2,900                              | 3,300  | 3   | 264000  | 72600   | 4732                  |     | 1012        | 5 744  | 682               | 213                                | 6,639     | 379  | 438  | 9                 | 17    | 142400                     | 6,600       |                                    |       |          |          |         |                       |            |                                   |     |                   |                                 |                    |                 |
| 3C Radiopharmaceuticals - Manuf./Process    | 40                            | 6                           | 46.0                 | 6 100                              | 3 900  | 3   | 340400  | 59800   | 8755                  |     | 1198        | 9,951  | 682               | 393                                | 11 026    | 458  | 507  | 12                | 0     | 104400                     | 11,000      |                                    |       |          |          |         |                       |            |                                   |     |                   |                                 |                    |                 |
| 3D Radiopharmaceuticals - No Manuf./Process | 7                             | 0                           | 7.0                  | 2 700                              | 2 000  | 3   | 23567   | 4667    | 3983                  |     | 613         | 4,596  |                   | 179                                | 4 775     | 32   | 33   | 3                 | 0     | 7500                       | 4,800       |                                    |       |          |          |         |                       |            |                                   |     |                   |                                 |                    |                 |
| 3E Irradiators - Self Shield                | 114                           | 21                          | 135.0                | 1 800                              | 1 900  | 3   | 328500  | 85500   | 2879                  |     | 583         | 3,462  |                   | 129                                | 3,591     | 467  | 485  | 4                 | 0     | 5200                       | 3,600       |                                    |       |          |          |         |                       |            |                                   |     |                   |                                 |                    |                 |
| 3F Irradiators - < 10,000 Ci                | 5                             | 0                           | 5.0                  | 3,700                              | 2,900  | 3   | 23333   | 4833    | 5521                  |     | 889         | 6,411  |                   | 248                                | 6,659     | 32   | 33   | 0                 | 0     | 0                          | 6,700       |                                    |       |          |          |         |                       |            |                                   |     |                   |                                 |                    |                 |
| 3G Irradiators - > 10,000 Ci                | 8                             | 1                           | 9.0                  | 8,800                              | 6,200  | 1   | 135000  | 55800   | 17747                 |     | 5704        | 23,451 |                   | 797                                | 24,248    | 211  | 218  | 1                 | 0     | 21900                      | 24,200      |                                    |       |          |          |         |                       |            |                                   |     |                   |                                 |                    |                 |
| 3H Exempt Distribution - Device Review      | 29                            | 6                           | 35.0                 | 4,300                              | 1 800  | 5   | 163100  | 12600   | 5313                  |     | 331         | 5,844  |                   | 248                                | 6,092     | 205  | 213  | 6                 | 9     | 73200                      | 6,100       |                                    |       |          |          |         |                       |            |                                   |     |                   |                                 |                    |                 |
| 3I Exempt Distribution - No Device Review   | 63                            | 12                          | 75.0                 | 4,300                              | 2,000  | 5   | 352500  | 30000   | 5561                  |     | 368         | 5 929  |                   | 250                                | 6,178     | 445  | 463  | 12                | 9     | 98100                      | 6,200       |                                    |       |          |          |         |                       |            |                                   |     |                   |                                 |                    |                 |
| 3J Gen. License - Device Review             | 19                            | 3                           | 22.0                 | 1,100                              | 2,060  | 5   | 33264   | 9064    | 1789                  |     | 379         | 2,168  |                   | 80                                 | 2,248     | 48   | 49   | 0                 | 5     | 8500                       | 2,200       |                                    |       |          |          |         |                       |            |                                   |     |                   |                                 |                    |                 |
| 3K Gen. License - No Device Review          | 4                             | 2                           | 6.0                  | 850                                | 1 300  | 5   | 5460    | 1560    | 1077                  |     | 239         | 1 316  |                   | 48                                 | 1,364     | 8    | 8    | 0                 | 1     | 900                        | 1,400       |                                    |       |          |          |         |                       |            |                                   |     |                   |                                 |                    |                 |
| 3L R&D - Broad                              | 53                            | 16                          | 69.0                 | 6,200                              | 4 900  | 3   | 540500  | 112700  | 9268                  |     | 1503        | 10,770 | 682               | 418                                | 11 868    | 743  | 819  | 2                 | 0     | 19200                      | 11,900      |                                    |       |          |          |         |                       |            |                                   |     |                   |                                 |                    |                 |
| 3M R&D - Other                              | 170                           | 45                          | 215.0                | 3,000                              | 2 900  | 5   | 769700  | 124700  | 4236                  |     | 534         | 4,769  | 682               | 190                                | 5,641     | 1025 | 1213 | 43                | 21    | 249000                     | 5,600       |                                    |       |          |          |         |                       |            |                                   |     |                   |                                 |                    |                 |
| 3N Service License                          | 60                            | 7                           | 67.0                 | 3,300                              | 2,600  | 4   | 264650  | 43550   | 4673                  |     | 598         | 5,271  | 682               | 210                                | 6,163     | 353  | 413  | 13                | 13    | 124800                     | 6,200       |                                    |       |          |          |         |                       |            |                                   |     |                   |                                 |                    |                 |
| 3O Radiography                              | 96                            | 21                          | 117.0                | 3,300                              | 3,800  | 1   | 830700  | 444600  | 8400                  |     | 3496        | 11 896 |                   | 377                                | 12,274    | 1392 | 1436 | 61                | 11    | 739800                     | 12,300      |                                    |       |          |          |         |                       |            |                                   |     |                   |                                 |                    |                 |
| 3P All Other Byproduct Materials            | 1524                          | 286                         | 1810.0               | 1,200                              | 2,400  | 5   | 3040800 | 868800  | 1988                  |     | 442         | 2,429  |                   | 89                                 | 2,519     | 4397 | 4559 | 287               | 179   | 415400                     | 2,500       |                                    |       |          |          |         |                       |            |                                   |     |                   |                                 |                    |                 |
| WASTE DISPOSAL AND PROCESSING               |                               |                             |                      |                                    |        |     |         |         |                       |     |             |        |                   |                                    |           |      |      |                   |       |                            |             |                                    |       |          |          |         |                       |            |                                   |     |                   |                                 |                    |                 |
| 4A Waste Disposal*                          | 0                             | 0                           | 0                    |                                    |        | 1   |         | 0       | 0                     |     |             | 0      | 682               | 0                                  | 682       | 0    | 0    | 0                 | 0     | 0                          | 0           |                                    |       |          |          |         |                       |            |                                   |     |                   |                                 |                    |                 |
| 4B Waste Receipt/Packaging                  | 10                            | 1                           | 11.0                 | 1 900                              | 3,400  | 1   | 58300   | 37400   | 6270                  |     | 3128        | 9 399  | 682               | 282                                | 10,362    | 103  | 114  | 2                 | 0     | 16200                      | 10,400      |                                    |       |          |          |         |                       |            |                                   |     |                   |                                 |                    |                 |
| 4C Waste Receipt - Prepackaged              | 4                             | 0                           | 4.0                  | 2,800                              | 3,100  | 2   | 17400   | 6200    | 5147                  |     | 1426        | 6,573  | 682               | 231                                | 7,485     | 26   | 30   | 3                 | 0     | 15600                      | 7,500       |                                    |       |          |          |         |                       |            |                                   |     |                   |                                 |                    |                 |
| WELL LOGGING                                |                               |                             |                      |                                    |        |     |         |         |                       |     |             |        |                   |                                    |           |      |      |                   |       |                            |             |                                    |       |          |          |         |                       |            |                                   |     |                   |                                 |                    |                 |
| 5A Well Logging                             | 27                            | 7                           | 34.0                 | 2,000                              | 3 100  | 3   | 103133  | 35133   | 3589                  |     | 951         | 4,539  |                   | 161                                | 4 701     | 154  | 160  | 6                 | 5     | 35400                      | 4,700       |                                    |       |          |          |         |                       |            |                                   |     |                   |                                 |                    |                 |
| 5B Field Flooding Tracers Studies*          | 0                             | 0                           |                      |                                    |        | 3   | 0       | 0       | 0                     |     | 0           | 0      | 682               | 0                                  | 682       | 0    | 0    | 0                 | 0     | 0                          | 0           |                                    |       |          |          |         |                       |            |                                   |     |                   |                                 |                    |                 |
| NUCLEAR LAUNDRY.                            |                               |                             |                      |                                    |        |     |         |         |                       |     |             |        |                   |                                    |           |      |      |                   |       |                            |             |                                    |       |          |          |         |                       |            |                                   |     |                   |                                 |                    |                 |
| 6A Nuclear Laundry                          | 2                             | 1                           | 3.0                  | 12 600                             | 6,500  | 2   | 47550   | 9750    | 18752                 |     | 2990        | 21 742 | 682               | 642                                | 23,266    | 65   | 70   | 0                 | 0     | 0                          | 23,300      |                                    |       |          |          |         |                       |            |                                   |     |                   |                                 |                    |                 |
| HUMAN USE OF BYPRODUCT, SOURCE, OR SNM      |                               |                             |                      |                                    |        |     |         |         |                       |     |             |        |                   |                                    |           |      |      |                   |       |                            |             |                                    |       |          |          |         |                       |            |                                   |     |                   |                                 |                    |                 |
| 7A Teletherapy                              | 19                            | 8                           | 27.0                 | 6 900                              | 3 600  | 3   | 218700  | 32400   | 9583                  | 36  | 1104        | 10 723 |                   | 431                                | 11 154    | 290  | 301  | 4                 | 0     | 35600                      | 11,200      |                                    |       |          |          |         |                       |            |                                   |     |                   |                                 |                    |                 |
| 7B Medical Broad                            | 68                            | 18                          | 86.0                 | 4 900                              | 6 400  | 1   | 1143800 | 722400  | 15735                 | 36  | 7728        | 23,500 | 682               | 707                                | 24 888    | 2021 | 2140 | 1                 | 0     | 22600                      | 24,900      |                                    |       |          |          |         |                       |            |                                   |     |                   |                                 |                    |                 |
| 7C Medical Other                            | 1353                          | 306                         | 1659.0               | 1 900                              | 3 100  | 3   | 4886400 | 1714300 | 3470                  | 36  | 951         | 4 457  |                   | 156                                | 4 613     | 7395 | 7653 | 281               | 69    | 829200                     | 4,600       |                                    |       |          |          |         |                       |            |                                   |     |                   |                                 |                    |                 |

FY 2003

| License Fee Category                                       | NUMBER OF LICENSES   |                      |                      | (2)   | (3)   | (4)   | (5)             | (6)                 | (7)               | (8)     | (9)    | (10)          | (11)                             | (12)                  | (13)   | (14)                         | (15)         | Number of<br>Real<br>Sm Entity | Small<br>Entity<br>Subsidy | FY 2003<br>Annual Fee<br>(Rounded) |                   |                 |                  |
|--|----------------------|----------------------|----------------------|-------|-------|-------|-----------------|---------------------|-------------------|---------|--------|---------------|----------------------------------|-----------------------|--------|------------------------------|--------------|--------------------------------|----------------------------|------------------------------------|-------------------|-----------------|------------------|
|  | FY 2003              |                      |                      |       |       |       |                 |                     |                   |         |        |               |                                  |                       |        |                              |              |                                |                            |                                    | Part 170 Fees(\$) |                 |                  |
|  | Billed<br>at FY 2002 | Billed<br>at FY 2003 | Total For<br>FY 2003 | Appli |       | Insp. | Prior           | Calc. of<br>General | Calc.<br>of Insp. | General | Unique | Inspection    | Total<br>Base Fee<br>per license | Surcharge per License |        | Annual<br>fee per<br>license | Base Fee     | TOTAL                          | Sm Entity                  |                                    | Sm Entity         |                 |                  |
|  | Fee                  | Fee                  | Fee                  |       | Insp. |       |                 |                     |                   |         |        |               | LLW                              | Other                 | ll     |                              |              |                                |                            |                                    |                   |                 |                  |
| <b>CIVIL DEFENSE</b>                                       |                      |                      |                      |       |       |       |                 |                     |                   |         |        |               |                                  |                       |        |                              |              |                                |                            |                                    |                   |                 |                  |
| 8A. Civil Defense  | 8                    | 1                    | 70                   | 360   | 2100  | 5     | 5460            | 2940                | 923               |         | 386    | 1309          |                                  |                       | 41     | 1,351                        | 9            | 9                              | 0                          | 0                                  | 0                 | 1,400           |                  |
| <b>DEVICE, PRODUCT, OR SEALED SOURCE SAFETY EVALUATION</b> |                      |                      |                      |       |       |       |                 |                     |                   |         |        |               |                                  |                       |        |                              |              |                                |                            |                                    |                   |                 |                  |
| 9A. Device/Product Safety Evaluation - Broad               | 75                   | 8                    | 830                  | 5,700 |       | 7     | 473100          | 0                   | 6744              |         | 0      | 6744          |                                  |                       | 303    | 7,047                        | 560          | 585                            | 14                         | 20                                 | 195800            | 7,000           |                  |
| 9B. Device/Product Safety Evaluation - Other               | 17                   | 3                    | 200                  | 5,700 |       | 7     | 114000          | 0                   | 6744              |         | 0      | 6744          |                                  |                       | 303    | 7,047                        | 135          | 141                            | 0                          | 0                                  | 0                 | 7,000           |                  |
| 9C. Sealed Sources Safety Evaluation - Broad               | 21                   | 4                    | 250                  | 1,800 |       | 7     | 45000           | 0                   | 2130              |         | 0      | 2,130         |                                  |                       | 96     | 2,225                        | 53           | 56                             | 2                          | 2                                  | 3400              | 2,200           |                  |
| 9D. Sealed Sources Safety Evaluation - Other               | 20                   | 1                    | 210                  | 600   |       | 7     | 12900           | 0                   | 710               |         | 0      | 710           |                                  |                       | 32     | 742                          | 15           | 16                             | 0                          | 0                                  | 0                 | 740             |                  |
| <b>TRANSPORTATION</b>                                      |                      |                      |                      |       |       |       |                 |                     |                   |         |        |               |                                  |                       |        |                              |              |                                |                            |                                    |                   |                 |                  |
| 10.A.(1) Certificate of Compliance                         | N/A                  | N/A                  | N/A                  |       |       |       |                 |                     |                   |         |        |               |                                  |                       |        |                              |              |                                | 0                          |                                    |                   | 0               |                  |
| 10 B.(1) Approvals (Users and Fabricators)                 | 32                   | 9                    | 410                  |       |       |       |                 |                     |                   |         |        |               |                                  |                       |        |                              |              |                                |                            | 0                                  |                   | 0               |                  |
| 10 B.(2) Approvals (Users Only)                            | 75                   | 6                    | 810                  |       |       |       |                 |                     |                   |         |        |               |                                  |                       |        |                              |              |                                |                            |                                    | 0                 | 0               |                  |
| <b>OTHER LICENSES</b>                                      |                      |                      |                      |       |       |       |                 |                     |                   |         |        |               |                                  |                       |        |                              |              |                                |                            |                                    |                   |                 |                  |
| 11. Standardized Spent Fuel Facilities                     | N/A                  | N/A                  | 0.0                  |       |       |       |                 |                     |                   |         |        |               |                                  |                       |        |                              |              |                                |                            |                                    |                   | 0               |                  |
| 12. Special Projects                                       | N/A                  | N/A                  | 0.0                  |       |       |       |                 |                     |                   |         |        |               |                                  |                       |        |                              |              |                                |                            |                                    |                   | 0               |                  |
| 13.A. Spent Fuel Storage Certificate of Compliance         | N/A                  | N/A                  | 0.0                  |       |       |       |                 |                     |                   |         |        |               |                                  |                       |        |                              |              |                                |                            |                                    |                   | 0               |                  |
| 13 B. Spent Fuel General License                           | N/A                  | N/A                  | 0.0                  |       |       |       |                 |                     |                   |         |        |               |                                  |                       |        |                              |              |                                |                            |                                    |                   | 0               |                  |
| 14. Decommissioning/Possession-Only                        | N/A                  | N/A                  | 0.0                  |       |       |       |                 |                     |                   |         |        |               |                                  |                       |        |                              |              |                                |                            |                                    |                   | 0               |                  |
| 15. Export/Import  | N/A                  | N/A                  | 0.0                  |       |       |       |                 |                     |                   |         |        |               |                                  |                       |        |                              |              |                                |                            |                                    |                   | 0               |                  |
| 16. Reciprocity  | N/A                  | N/A                  | 0.0                  |       |       |       |                 |                     |                   |         |        |               |                                  |                       |        |                              |              |                                |                            |                                    |                   | 0               |                  |
| 17. Master Material License                                | 2                    | 0                    | 2.0                  | 27722 | 89974 | 1     | 235392          | 179947              | 139247            | 543     | 82779  | 222570        | 682                              | 6256                  | 229507 | 445                          | 459          |                                |                            |                                    |                   | 230,000         |                  |
|  |                      |                      |                      |       |       |       |                 |                     |                   |         |        |               |                                  |                       |        |                              |              |                                |                            |                                    |                   | 0               |                  |
| 18.A. DOE Transportation Activities                        | 0                    | 1                    | 10                   |       |       |       |                 |                     |                   |         |        |               |                                  |                       |        |                              |              |                                |                            |                                    |                   | 0               |                  |
| 18 B. DOE UMRCA Activities                                 | 0                    | 1                    | 10                   |       |       |       |                 |                     |                   |         |        |               |                                  |                       |        |                              |              |                                |                            |                                    |                   | 0               |                  |
| <b>TOTAL</b>   | <b>4109.0</b>        | <b>8570</b>          | <b>4966.0</b>        |       |       |       | <b>15272940</b> | <b>4884005</b>      |                   |         |        | <b>482469</b> |                                  |                       |        | <b>22628</b>                 | <b>23924</b> | <b>781</b>                     | <b>362</b>                 | <b>3,362,500</b>                   |                   | <b>64,700.0</b> |                  |
|  |                      |                      |                      |       |       |       |                 |                     |                   |         |        |               |                                  |                       |        |                              |              |                                |                            |                                    |                   |                 | <b>1,145,800</b> |
|  |                      |                      |                      |       |       |       |                 |                     |                   |         |        |               |                                  |                       |        |                              |              |                                |                            |                                    |                   |                 | <b>4,508,300</b> |

MATERIALS RATE. \$280,876

Calculation of UNIQUE (generic activities related to specific fee categories):  
 Total budgeted resources (FY 2003 unique activities-Part 35 Implementation) 1.0 FTE \$0.00 (CONTRACT COSTS)  
 Total cost (FTE x FTE rate + any contract costs) \$280,876  
 Percent of NRC materials licenses to the total materials licenses 23%  
 Amount allocated to NRC materials licensees (% x total cost) \$65,288  
 No. of affected NRC licenses (for FY 2003, Cats. 7A, 7B, & 7C, + those material under Master Mats L 1802.0  
 Unique per license \$36

Total Part 171 (annual fee) amount, excluding surcharge costs \$22,828,248  
 FTE FTE Rate = \$4,443,097 + PSS \$50,363 = Total \$4,493,460  
 Inspection Amount (budgeted costs for materials inspections) 15.8 x \$280,878 = \$4,443,097 + \$50,363 = \$4,493,460

LLW Surcharge Amount (see SURCHARGE Sheet for further details).  
 Total LLW surcharge to be recovered \$2,688,528  
 Percentage to be recovered from materials licensees 18.0%  
 Amount to be recovered from materials licensees \$483,935  
 No. of affected licenses 710  
 LLW Surcharge per license \$682

Other Surcharge Amount (see SURCHARGE Sheet for further details):  
 Total other surcharge to be recovered \$21,549,386

Sheet 1- Fee calc/ category  
REBASELINE

| License Fee Category                                 | NUMBER OF LICENSES<br>FY 2003 |                      |     | Total For<br>FY 2003 |
|--|-------------------------------|----------------------|-----|----------------------|
|  | Billed<br>at FY 2002          | Billed<br>at FY 2003 | (1) |                      |
|  | Fee                           | Fee                  | Fee |                      |
| Percentage to be recovered from materials licensees: | 3.8%                          |                      |     |                      |
| Amount to be recovered from materials licensees:     | \$811,752                     |                      |     |                      |

|  | \$K           | \$K     | \$K  | \$K      |
|--|---------------|---------|------|----------|
| TOTAL GENERAL = TOTAL Part 171 amount less INSPECTION less UNIQUE  | 22,628        | - 4,493 | + 65 | = 18,069 |
| ANNUAL FEE MULTIPLIER = TOTAL GENERAL / Total of Calc of Gen. Multiple col.  | 18,069 /      | 15,273  |      | = 1.18   |
| INSPECTION MULTIPLIER=INSPECTION AMOUNT/Total Calc of Insp. Multiple col.  | \$4,493,460 / | 4,884   |      | = 0.92   |
| SURCHARGE MULTIPLIER=Other Surcharge amount to be recovered from materials licensees/total of Calc of Gen. Multiple col. | \$811,752 /   | 15,273  |      | = 0.05   |

FY 2003

| (2)               | (3)   | (4)   | (5)               | (6)               | (7)                                | (8)    | (9)        | (10)                             | 682 | 682 | (11)                  | (12)  | (13)  | (14)              | (15)  | FY 2003<br>Annual Fee<br>(Rounded) |           |                 |
|-------------------|-------|-------|-------------------|-------------------|------------------------------------|--------|------------|----------------------------------|-----|-----|-----------------------|-------|---|-------------------|-------|------------------------------------|-----------|-----------------|
| Part 170 Fees(\$) |       |       | Calc. of<br>Insp. | Calc.<br>of Insp. | Part 171 Base Fee Per License (\$) |        |            |                                  |     |     | Surcharge per License |       | Total Exact<br>Annual<br>fee per<br>license | Total Collections |       | Number of<br>Real                  |           | Small<br>Entity |
| Appl.             | Insp. | Prior | Multiple          | Multiple          | General                            | Unique | Inspection | Total<br>Base Fee<br>per license |     |     | LLW                   | Other |   | Base Fee          | TOTAL | Sm Entity                          | Sm Entity | Subaldy         |

Sheet f- Fee calc/ category  
REBASELINE

| License Fee Category | NUMBER OF LICENSES<br>FY 2003 |                             |                      |
|----------------------|-------------------------------|-----------------------------|----------------------|
|                      | Billed<br>at FY 2002<br>Fee   | Billed<br>at FY 2003<br>Fee | Total For<br>FY 2003 |
|                      |                               |                             | (1)                  |

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      0.00 \* 17,000 K/      =      0

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 2003

|                   |       |       |          |                                 |                                    |        |            |                                  |      | 682                   | 682  |   |                   |                   |                   |                           | FY 2003<br>Annual Fee<br>(Rounded) |
|-------------------|-------|-------|----------|---------------------------------|------------------------------------|--------|------------|----------------------------------|------|-----------------------|------|---|-------------------|-------------------|-------------------|---------------------------|------------------------------------|
| (2)               | (3)   | (4)   | (5)      | (6)                             | (7)                                | (8)    | (9)        | (10)                             | (11) | (12)                  | (13) | (14)  | (15)              | Number of<br>Real |                   | Small<br>Entity<br>Subsdy |                                    |
| Part 170 Fees(\$) |       |       |          | Calc. of<br>General<br>of Insp. | Part 171 Base Fee Per License (\$) |        |            |                                  |      | Surcharge per License |      | Total Exact<br>Annual<br>fee per<br>license | Total Collections |                   | Number of<br>Real |                           | Small<br>Entity<br>Subsdy          |
| Appl.             | Insp. | Prior | Multiple | Multiple                        | General                            | Unique | Inspection | Total<br>base fee<br>per license | LLW  | Other                 |      | Base Fee                                    | TOTAL             | Sm Entity         | Sm Entity         |                           |                                    |
|                   |       |       |          |                                 |                                    |        |            |                                  |      |                       |      |   |                   |                   |                   |                           |                                    |



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

February 22, 2003

MEMORANDUM TO: Jesse L. Funches  
Chief Financial Officer

FROM: Martin J. Virgilio, Director *M. J. Virgilio*  
Office of Nuclear Material Safety  
and Safeguards

SUBJECT: BIENNIAL REVIEW OF FEES

In response to your memorandum of July 19, 2002, 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 an in-depth breakout of the data, and its supporting worksheet provides 1, 2, and 5 year trends of staff effort for each of the flat fee licensing categories for new applications. The worksheet includes direct staff hour expenditures for fiscal years 1997 through 2001 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 (-17% decrease) and 7C-Doctors/Hospitals/Medical Institutions (-21% decrease) decreased in the average hourly review, with improved guidance likely contributing to this efficiency. 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 limited data in perspective, NMSS proposes no change.

In performing the review of the different categories, the following methodologies were used:

1. Twenty or more new application completions in the past five years - If it was determined that there was a sufficient sample size (20 or more completions), then the staff hour rate was calculated (staff hours expended, divided by the new applications completed). This resulted in recommended changes for 12 of the 32 materials license categories (excluding 3E and 10B). However, for three of these 12 categories, 3H -Exempt Distribution, 9A and 9B - Device Reviews, NMSS recommends that the fee should be based on the current budgeted labor rates, rather than average staff hour rate calculation. This recommendation is based on further review in these categories that some of the hours expended in prior and current years were higher than expected while new staff reviewers were in training. Also, there was a high degree of staff effort expended responding to external inquiries on several high profile cases during the time

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

period. Our recommendations based on the current labor rates would set the Part 170 fees more at the level of review that is appropriate for these categories.

2. Fewer than 20 completions in the past five years, but more than 20 completions in the past 11 years - Of the 20 categories remaining (including 3E), this situation occurred in three categories (3E, 3J, and 3L). In these cases, staff hour and completion data from previous biennial reviews (1991 through 2001) were reviewed. This methodology resulted in a recommended change for one of the three categories, i.e., Category 3E - Self Shielded Irradiators. The other categories are discussed in methodology 3 below.
3. Smaller categories, including those with methodology 2 above, as well as categories with fewer than 20 completions - Reviewed data for possible trends, and compared the data for 2 years, 5 years, and 11 years. Looked at the trends in the past data to assess and determine the most meaningful value for a future staff hour rate for new applications. This information was used to recommend a change to Category 3E, as stated in No. 2 above, and to recommend no change to the remaining categories, including Categories 3J - GL Distribution Device Review and 3L - R&D Broad.

Based on the actual detailed data, NMSS can support the changes and believes the materials licensing fees are reasonable over the five-year period.

NMSS has the following recommendation regarding Category 10B:

Licensee Fee Category 10B, Part 71 QA Review, shows an increase in the flat fee of 193% which reflects an increase from 4.5 hours to 13.2 hours in the rolling five-year average (1997 - 2001) for hours to complete a review. We periodically noted 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), most QA reviews were for the plutonium-beryllium source recovery programs which only took 1-3 hours per review. Additionally, radiographers 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 four years (1998-2001), the QA reviews have been associated mostly with the mergers and acquisitions of the reactors, vendors, and package fabricators. Reviews of this kind require significantly more time per review than the previous reviews of QA programs for source recovery and radiographers. Because the flat fee is based on a rolling five-year average, the average hours to complete a QA will likely increase again as the 1997 data fall off. We expect the average hours to continue to increase over the next couple of years.

NMSS recommends that the current increase in the new flat fee (from 4.5 to 13.2 hours) be accepted. NMSS believes this increase is appropriate to reflect the increasingly complex narrative and the escalating time involved with these activities in this fee category and more accurately reflects the level of staff effort being expended.



NMSS canvassed the regional offices for information 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. Based on the information discussed, the average hours used in the current fee rule are reasonable.

If there are any questions related to the biennial review of materials flat fees or additional information is needed, please contact Elizabeth Jacobs-Baynard (415-7806 or e-mail: EJB2) of my staff.

Attachments: As stated (2)

11/18/02

## 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               | 3                         |  |
| 1D SNM Pu- Neut. Source   | Not Appl.                             | 9.3                           | 9.3                                 | --                          | 52              | 3                         |  |
| 2B Source MI/Shielding    | 14.0                                  | 1.1                           | 1.1                                 | --                          | 17              | 3                         |  |
| 2C Source Other           | 10.3                                  | 39.3                          | 39.3                                | --                          | 49              | 3                         |  |
| 3A Mfg. Broad Scope       | 23.8                                  | 46.8                          | 46.8                                | --                          | 10              | 3                         |  |
| 3B Mfg. Other             | 18.2                                  | 15.3                          | 18.2                                | +19                         | 70              | 1                         |  |
| 3C Mfg/Dist. Radlophar.   | 38.7                                  | 60.8                          | 38.7                                | -36                         | 50              | 1                         |  |
| 3D Rad'phar. No process   | 10.0                                  | 17.0                          | 17.0                                | --                          | 5               | 3                         |  |
| 3E Irrad Self Shielded    | 28.6                                  | 12.0                          | 11.5                                | -4                          | 94              | 2                         |  |
| 3F Irrad. <10,000 Cur.    | 46.0                                  | 23.4                          | 23.4                                | --                          | 9               | 3                         |  |
| 3G Irrad. ≥10,000 Cur.    | 79.8                                  | 55.8                          | 55.8                                | --                          | 12              | 3                         |  |
| 3H Ex. Dist. Device Rvw.  | 37.2                                  | 15.9                          | 27.0                                | +70                         | 84              | 1                         | We plan to look at this area during NMSS licensing business process improvement initiative for potential efficiencies. |
| 3I Ex. Dist. No Dev. Rvw. | 27.3                                  | 23.9                          | 27.3                                | +14                         | 76              | 1                         |  |
| 3J GL Dist. Device Rvw.   | 2.4                                   | 7.2                           | 7.2                                 | --                          | 23              | 3                         |  |

11/18/02

## 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 (+)<br>DECREASE (-) | NO. OF LICENSES | NMSS' JUSTIFICATION NOTES | ADDITIONAL NOTES |
|---------------------------------------|---------------------------------------|-------------------------------|-------------------------------------|--------------------------------|-----------------|---------------------------|------------------|
| 3K GL Dist.<br>No Dev. Rvw.           | 9.0                                   | 4.1                           | 4.1                                 | —                              | 8               | 3                         |                  |
| 3L R&D BroadNM                        | 44.6                                  | 39.3                          | 39.3                                | —                              | 101             | 3                         |                  |
| 3M R&D/Other                          | 19.2                                  | 17.2                          | 19.2                                | +12                            | 363             | 1                         |                  |
| 3N Service Licenses                   | 21.0                                  | 17.9                          | 21.0                                | +17                            | 80              | 1                         |                  |
| 3O Radiography                        | 20.6                                  | 29.3                          | 20.6                                | -30                            | 120             | 1                         |                  |
| 3P Other Byproduct                    | 7.7                                   | 9.3                           | 7.7                                 | -17                            | 1750            | 1                         |                  |
| 4B Waste Packaging                    | 118.0                                 | 12.0                          | 12.0                                | —                              | 8               | 3                         |                  |
| 4C Waste Prepackaged                  | Not Appl.                             | 18.0                          | 18.0                                | —                              | 4               | 3                         |                  |
| 5A Well Logging                       | 12.9                                  | 39.0                          | 12.9                                | -67                            | 34              | 1                         |                  |
| 6A Nuclear Laundry                    | 166.0                                 | 79.7                          | 79.7                                | —                              | 3               | 3                         |                  |
| 7A Teletherapy                        | 52.8                                  | 43.7                          | 43.7                                | —                              | 24              | 3                         |                  |
| 7B Broad Medical                      | 86.3                                  | 31.2                          | 31.2                                | —                              | 73              | 3                         |                  |
| 7C Doctors<br>/Hosp./Med. Institution | 12.1                                  | 15.3                          | 12.1                                | -21                            | 1685            | 1                         |                  |
| 8A Civil Defense                      | Not Appl.                             | 2.3                           | 2.3                                 | —                              | 6               | 3                         |                  |

11/18/02

## TABLE 1

AVERAGE HOURS TO COMPLETE FLAT FEE  
NEW LICENSING ACTIONS

| LICENSE<br>FEE<br>CATEGORY | AVERAGE<br>HRS. PER<br>COMPLETION<br>FROM RITS | HOURS IN<br>CURRENT<br>FEE<br>SCHEDULE | NMSS'<br>PROPOSED RECOM.<br>BASED ON<br>DATA | %<br>INCREASE (+)<br>DECREASE (-) | NO.<br>OF<br>LICENSES | NMSS'<br>JUSTIFICATION<br>NOTES | ADDITIONAL NOTES   |
|----------------------------|--|--|--|-----------------------------------|-----------------------|---------------------------------|--|
| 9A Device Rvw Commer.      | 133.0  | 37.2                                   | 36.0   | -3                                | not applicable        | 1                               | We plan to look at this area during NMSS licensing business process improvement initiative for potential efficiencies. |
| 9B Device Rvw. Custom      | 225.2  | 37.2                                   | 36.0   | -3                                | not applicable        | 1                               | We plan to look at this area during NMSS licensing business process improvement initiative for potential efficiencies. |
| 9C SS Eval. Commercial     | 127.9  | 11.3                                   | 11.3   | --                                | not applicable        | 3                               |  |
| 9D SS Eval. Custom         | 211.0  | 3.8                                    | 3.8  | --                                | not applicable        | 3                               |  |
| 10B PL 71 QA Review        | 13.2   | 4.5                                    | 13.2   | +193                              | 134                   |                                 |  |

### JUSTIFICATION NOTE(S):

- 1) Twenty or more new application completions in the past five years - If it was determined that there was a sufficient sample size (20 or more completions), then the staff hour rate was calculated (staff hour expended, divided by the new applications completed). This resulted in recommended changes for 12 of the 32 materials license categories. However, for three of these 12 categories, 3H - Exempt Distribution, 9A and 9B - Device Reviews, NMSS recommends that the fee should be based on the current budgeted labor rates, rather than average staff hour rate calculation. This recommendation is based on further review in these categories that some of the hours expended in prior and current years were higher than expected while new staff reviewers were in training. Also, there was a high degree of staff effort expended responding to external inquiries on several high profile cases during the time period. Our recommendations based on the current labor rates would set the Part 170 fees more at the level of review that is appropriate for these categories.
- 2) Fewer than 20 completions in the past five years, but more than 20 completions in the past 11 years - Of the 20 categories remaining, this situation occurred in three categories (3E, 3J and 3L). In these cases, staff hour and completion data were reviewed from 1991 through 2001. This resulted in a recommended change for one of the three categories, i.e., Category 3E - Self Shielded Irradiators.
- 3) Smaller categories, including those with note 2 above, as well as categories with fewer than 20 completions - Reviewed data for possible trends, and compared the data for 2 years, 5 years, and 11 years. Looked at the trends in the past data to assess and determine the most meaningful value for a future staff hour rate for new applications. This information was used to recommend a change to Category 3E, as stated in No. 2 above, and to recommend no change to the remaining categories, including 3J - GL Distribution Device Review and 3L - R&D Broad.

MATERIALS LICENSING FEES (OVERTIME INCLUDED)

| 2001<br>LICENSE<br>FEE<br>CATEGORY | LTS<br>PROG.<br>CODE | TITLE   | STAFF HOURS EXPENDED |                      |                      |                      |                      | COMPLETIONS           |               |               |               |               | AVG.<br>HOURS<br>PER<br>COMPL | FY01<br>HOURS<br>PER<br>COMPL | FY01 & FY00<br>HOURS<br>PER<br>COMPL | CURRENT<br>FEE<br>SCHEDULE | NMSS<br>RECOMM.<br>NEW FEE<br>SCHEDULE | # LICENSES<br>IN<br>PROGRAM<br>CODE |               |                |
|------------------------------------|----------------------|---|----------------------|----------------------|----------------------|----------------------|----------------------|-----------------------|---------------|---------------|---------------|---------------|-------------------------------|-------------------------------|--------------------------------------|----------------------------|--|-------------------------------------|---------------|----------------|
|                                    |                      |   | FY97<br>STAFF<br>HRS | FY98<br>STAFF<br>HRS | FY99<br>STAFF<br>HRS | FY00<br>STAFF<br>HRS | FY01<br>STAFF<br>HRS | TOTAL<br>STAFF<br>HRS | FY97<br>COMPL | FY98<br>COMPL | FY99<br>COMPL | FY00<br>COMPL |                               |                               |                                      |                            |  |                                     | FY01<br>COMPL | TOTAL<br>COMPL |
| 1C                                 | 72140 22140          | SNM PLUTONIUM - SEALED SOURCES IN DEV<br>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<br>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              |
| 1D                                 | 72211 22111          | SNM U-235 AND/OR U-235 < CRITICAL<br>NEW APPLICATION                  | 0.0                  | 0.0                  | 0.0                  | 0.0                  | 0.0                  | 0.0                   | 0             | 0             | 0             | 0             | 0                             | 0                             | 0.0                                  |                            |  | 9.3                                 |               | 5              |
| 1D                                 | 72212 22120          | SNM PLUTONIUM - NEUTRON SOURCE < 200 GRAMS<br>NEW APPLICATION         | 0.0                  | 0.0                  | 0.0                  | 0.0                  | 0.0                  | 0.0                   | 0             | 0             | 0             | 0             | 0                             | 0                             | 0.0                                  |                            |  | 9.3                                 |               | 29             |
| 1D,3B,3P                           | 72130 22130          | POWER SOURCES BYPRODUCT AND/OR SNM<br>NEW APPLICATION                 | 0.0                  | 0.0                  | 0.0                  | 0.0                  | 0.0                  | 0.0                   | 0             | 0             | 0             | 0             | 0                             | 0                             | 0.0                                  |                            |  | 9.3   15.3   9.3                    |               | 0              |
| 1D                                 | 72150 22150          | SNM PLUTONIUM - SEALED SOURCES < CRITICAL<br>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 SPLIC < CRITICAL<br>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.<br>NEW APPLICATION         | 0.0                  | 0.0                  | 0.0                  | 0.0                  | 0.0                  | 0.0                   | 0             | 0             | 0             | 0             | 0                             | 0                             | 0.0                                  |                            |  | 9.3   15.3                          |               | 1              |
| 1D                                 | 72170 22170          | SNM GENERAL LICENSE DISTRIBUTION - 70.3a<br>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)<br>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              |
| 1D                                 | 72331 23310          | SNM STANDBY (NON-FUEL)<br>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   | 0.0                  | 0.0                  | 0.0                  | 0.0                  | 0.0                  | 0.0                   | 0             | 0             | 0             | 0             | 0                             | 0                             | 0.0                                  | 0.0                        | 0.0                                    | 9.3                                 | 9.3           | 52             |
| 2B                                 | 71121 11210          | SOURCE MATERIAL SHIELDING<br>NEW APPLICATION                          | 1.0                  | 0.0                  | 0.0                  | 0.0                  | 13.0                 | 14.0                  | 0             | 0             | 0             | 1             | 0                             | 1                             | 14.0                                 | 0.0                        | 0.0                                    | 1.1                                 | 1.1           | 17             |
| 2C                                 | 71120 11200          | SOURCE MATERIAL OTHER < 150 KILOGRAMS<br>NEW APPLICATION              | 8.0                  | 0.0                  | 0.0                  | 4.0                  | 18.0                 | 30.0                  | 1             | 0             | 0             | 0             | 0                             | 1                             | 30.0                                 |                            |  | 39.3                                |               | 3              |
| 2C                                 | 71122 11220          | SOURCE MATERIAL MILITARY MUNITION INDOOR TESTING<br>NEW APPLICATION   | 0.0                  | 0.0                  | 0.0                  | 0.0                  | 0.0                  | 0.0                   | 0             | 0             | 0             | 0             | 0                             | 0                             | 0.0                                  |                            |  | 39.3                                |               | 4              |
| 2C                                 | 71122 11221          | SOURCE MATERIAL MILITARY MUNITION OUTDOOR TESTING<br>NEW APPLICATION  | 0.0                  | 0.0                  | 0.0                  | 0.0                  | 0.0                  | 0.0                   | 0             | 0             | 0             | 0             | 0                             | 0                             | 0.0                                  |                            |  | 39.3                                |               | 1              |
| 2C                                 | 71123 11230          | SOURCE MATERIAL GENERAL LIC INHT. 40.34<br>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<br>NEW APPLICATION              | 0.0                  | 0.0                  | 0.0                  | 0.0                  | 11.0                 | 11.0                  | 1             | 0             | 1             | 0             | 1                             | 3                             | 37                                   |                            |  | 39.3                                |               | 33             |
| 2C                                 | 71180 11800          | SOURCE MATERIAL POSSESSION ONLY-PERMANENT SHUTDOWN<br>NEW APPLICATION | 0.0                  | 0.0                  | 0.0                  | 0.0                  | 0.0                  | 0.0                   | 0             | 0             | 0             | 0             | 0                             | 0                             | 0.0                                  |                            |  | 39.3                                |               | 8              |

MATERIALS LICENSING FEES (OVERTIME INCLUDED)

| 2001 LICENSE FEE CATEGORY | LTS TAG. NO. | PROG. CODE | TITLE  | STAFF HOURS EXPENDED |                |                |                |                |                 | COMPLETIONS |            |            |            |            |             | AVG. HOURS PER COMPL. | FY01 HOURS PER COMPL. | FY01 & FY00 HOURS PER COMPL. | CURRENT FEE SCHEDULE | NMSS RECOMM. NEW FEE SCHEDULE | # LICENSES IN PROGRAM CODE |
|---------------------------|--------------|------------|--|----------------------|----------------|----------------|----------------|----------------|-----------------|-------------|------------|------------|------------|------------|-------------|-----------------------|-----------------------|------------------------------|----------------------|-------------------------------|----------------------------|
|                           |              |            |  | FY97 STAFF HRS       | FY98 STAFF HRS | FY99 STAFF HRS | FY00 STAFF HRS | FY01 STAFF HRS | TOTAL STAFF HRS | FY97 COMPL  | FY98 COMPL | FY99 COMPL | FY00 COMPL | FY01 COMPL | TOTAL COMPL |                       |                       |                              |                      |                               |                            |
| TOTAL 2C                  |              |            | NEW APPLICATION  | 8.0                  | 0.0            | 0.0            | 4.0            | 29.0           | 41.0            | 2           | 0          | 1          | 0          | 1          | 4           | 10.3                  | 29.0                  | 33.0                         | 39.3                 | 39.3                          | 49                         |
| 3A                        | 73211        | 03211      | MANUFACTURING & DIST. TYPE A BROAD NEW APPLICATION         | 24.0                 | 29.5           | 0.0            | 15.5           | 0.0            | 75.0            | 1           | 0          | 1          | 1          | 0          | 3           | 25.0                  |                       |                              | 46.8                 |                               | 6                          |
| 3A                        | 73212        | 03212      | MANUFACTURING & DIST. TYPE B BROAD NEW APPLICATION         | 0.0                  | 2.0            | 0.0            | 10.0           | 8.0            | 20.0            | 0           | 0          | 1          | 0          | 0          | 1           | 20.0                  |                       |                              | 46.8                 |                               | 3                          |
| 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  | 24.0                 | 31.5           | 0.0            | 25.5           | 14.0           | 95.0            | 1           | 0          | 2          | 1          | 0          | 4           | 23.8                  | 0.0                   | 39.3                         | 46.8                 | 46.8                          | 10                         |
| 3B                        | 73214        | 03214      | MANUFACTURING & DIST. OTHER NEW APPLICATION                | 176.5                | 63.5           | 79.5           | 142.5          | 62.0           | 524.0           | 8           | 4          | 10         | 5          | 2          | 29          | 18.1                  |                       |                              | 15.3                 |                               | 69                         |
| 1D,3B,3P                  | 72130        | 22130      | POWER SOURCES BYPRODUCT AND/OR SNM NEW APPLICATION         | 0.0                  | 0.0            | 0.0            | 0.0            | 0.0            | 0.0             | 0           | 0          | 0          | 0          | 0          | 0           | 0.0                   |                       |                              | 9.3   15.3   18.3    |                               | 0                          |
| 1D,3B                     | 72162        | 22162      | PACEMKR BYPRODUCT AND/OR SNM MANU. & DIST. NEW APPLICATION | 0.0                  | 0.0            | 0.0            | 0.0            | 4.0            | 4.0             | 0           | 0          | 0          | 0          | 0          | 0           | 0.0                   |                       |                              | 9.3   15.3           |                               | 1                          |
| TOTAL 3B                  |              |            | NEW APPLICATION  | 176.5                | 63.5           | 79.5           | 142.5          | 66.0           | 528.0           | 8           | 4          | 10         | 5          | 2          | 29          | 18.2                  | 33.0                  | 29.8                         | 15.3                 | 15.3                          | 70                         |
| 3C                        | 72500        | 02500      | NUCLEAR PHARMACIES NEW APPLICATION                         | 311.0                | 210.5          | 154.5          | 103.5          | 110.0          | 889.5           | 4           | 4          | 11         | 2          | 2          | 23          | 38.7                  | 55.0                  | 53.4                         | 60.8                 | 60.8                          | 50                         |
| 3D                        | 72511        | 02511      | MEDICAL PRODUCT DISTRIBUTION-32.72 NEW APPLICATION         | 7.0                  | 0.0            | 0.0            | 0.0            | 0.0            | 7.0             | 0           | 0          | 0          | 0          | 0          | 0           | 0.0                   |                       |                              | 17.0                 |                               | 1                          |
| 3D                        | 72513        | 02513      | MEDICAL PRODUCT DISTRIBUTION-32.74 NEW APPLICATION         | 3.0                  | 0.0            | 0.0            | 0.0            | 0.0            | 3.0             | 0           | 0          | 1          | 0          | 0          | 1           | 3.0                   |                       |                              | 17.0                 |                               | 4                          |
| TOTAL 3D                  |              |            | NEW APPLICATION  | 10.0                 | 0.0            | 0.0            | 0.0            | 0.0            | 10.0            | 0           | 0          | 1          | 0          | 0          | 1           | 10.0                  | 0.0                   | 0.0                          | 17.0                 | 17.0                          | 5                          |
| 3E                        | 73510        | 03510      | IRRADIATORS SELF SHIELDED < 10000 CURIES NEW APPLICATION   | 30.5                 | 28.0           | 27.0           | 2.0            | 12.0           | 99.5            | 1           | 2          | 1          | 0          | 1          | 5           | 19.8                  |                       |                              | 12.0                 |                               | 84                         |
| 3E                        | 73520        | 03520      | IRRADIATORS SELF SHIELDED > 10000 CURIES NEW APPLICATION   | 62.0                 | 10.0           | 0.0            | 0.0            | 0.0            | 72.0            | 1           | 0          | 0          | 0          | 0          | 1           | 72.0                  |                       |                              | 12.0                 |                               | 10                         |
| TOTAL 3E                  |              |            | NEW APPLICATION  | 92.5                 | 38.0           | 27.0           | 2.0            | 12.0           | 171.5           | 2           | 2          | 1          | 0          | 1          | 6           | 28.6                  | 12.0                  | 14.0                         | 12.0                 | 11.5                          | 94                         |
| 3F                        | 73511        | 03511      | IRRADIATORS OTHER < 10000 CURIES NEW APPLICATION           | 38.0                 | 8.0            | 0.0            | 0.0            | 0.0            | 46.0            | 1           | 0          | 0          | 0          | 0          | 1           | 46.0                  | 0.0                   | 0.0                          | 23.4                 | 23.4                          | 9                          |
| 3G                        | 73521        | 03521      | IRRADIATORS OTHER > 10000 CURIES NEW APPLICATION           | 10.5                 | 50.0           | 61.5           | 36.5           | 1.0            | 159.5           | 0           | 1          | 1          | 0          | 0          | 2           | 79.8                  | 0.0                   | 0.0                          | 55.8                 | 55.8                          | 12                         |

MATERIALS LICENSING FEES (OVERTIME INCLUDED)

| 2001<br>LICENSE<br>FEE<br>CATEGORY | LTS<br>TAC<br>NO. | PROG.<br>CODE | TITLE  | STAFF HOURS EXPENDED |                      |                      |                      |                      | COMPLETIONS           |               |               |               |               | AVG<br>HOURS<br>PER<br>COMPL | FY01<br>HOURS<br>PER<br>COMPL | FY01 & FY00<br>HOURS<br>PER<br>COMPL | CURRENT<br>FEE<br>SCHEDULE | NMSB<br>RECOMM.<br>NEW FEE<br>SCHEDULE | # LICENSES<br>IN<br>PROGRAM<br>CODE |               |                |
|------------------------------------|-------------------|---------------|--|----------------------|----------------------|----------------------|----------------------|----------------------|-----------------------|---------------|---------------|---------------|---------------|------------------------------|-------------------------------|--------------------------------------|----------------------------|--|-------------------------------------|---------------|----------------|
|                                    |                   |               |  | FY97<br>STAFF<br>HRS | FY98<br>STAFF<br>HRS | FY99<br>STAFF<br>HRS | FY00<br>STAFF<br>HRS | FY01<br>STAFF<br>HRS | TOTAL<br>STAFF<br>HRS | FY97<br>COMPL | FY98<br>COMPL | FY99<br>COMPL | FY00<br>COMPL |                              |                               |                                      |                            |  |                                     | FY01<br>COMPL | TOTAL<br>COMPL |
| 3H                                 | 73254             | 03254         | EXEMPT DISTRIBUTION - 32.22<br>NEW APPLICATION           | 60                   | 110                  | 130                  | 285                  | 1285                 | 1850                  | 1             | 0             | 0             | 0             | 1                            | 2                             | 92.5                                 |                            | 159                                    |                                     | 9             |                |
| 3H,3I                              | 73251             | 03251         | EXEMPT DISTRIBUTION - 32.14<br>NEW APPLICATION           | 380                  | 685                  | 555                  | 97.5                 | 625                  | 3180                  | 3             | 4             | 2             | 3             | 4                            | 18                            | 19.9                                 |                            | 159   239                              |                                     | 50            |                |
| 3H                                 | 73255             | 03255         | EXEMPT DISTRIBUTION - 32.26<br>NEW APPLICATION           | 6.5                  | 144.5                | 129.0                | 300.0                | 142.8                | 724.8                 | 4             | 4             | 2             | 1             | 4                            | 15                            | 48.3                                 |                            | 159                                    |                                     | 25            |                |
| <b>TOTAL 3H</b>                    |                   |               |  | 50.5                 | 222.0                | 197.5                | 426.0                | 331.8                | 1227.6                | 8             | 8             | 4             | 4             | 9                            | 33                            | 37.2                                 | 36.9                       | 58.3                                   | 15.9                                | 27.0          | 84             |
| 3I                                 | 73250             | 03250         | EXEMPT DISTRIBUTION - 32.11<br>NEW APPLICATION           | 20                   | 00                   | 00                   | 40                   | 330                  | 390                   | 0             | 0             | 0             | 1             | 1                            | 2                             | 19.5                                 |                            | 239                                    |                                     | 1             |                |
| 3I                                 | 73252             | 03252         | EXEMPT DISTRIBUTION - 32.17<br>NEW APPLICATION           | 00                   | 00                   | 00                   | 00                   | 00                   | 00                    | 0             | 0             | 0             | 0             | 0                            | 0                             | 00                                   |                            | 239                                    |                                     | 0             |                |
| 3I                                 | 73253             | 03253         | EXEMPT DISTRIBUTION - 32.18<br>NEW APPLICATION           | 60                   | 116.0                | 94.5                 | 53.0                 | 56.5                 | 328.0                 | 1             | 3             | 1             | 0             | 0                            | 5                             | 65.2                                 |                            | 239                                    |                                     | 24            |                |
| 3H,3I                              | 73251             | 03251         | EXEMPT DISTRIBUTION - 32.14<br>NEW APPLICATION           | 380                  | 68.5                 | 55.5                 | 97.5                 | 62.5                 | 3180                  | 3             | 4             | 2             | 3             | 4                            | 18                            | 19.9                                 |                            | 159   239                              |                                     | 50            |                |
| 3I                                 | 73256             | 03256         | EXEMPT DISTRIBUTION - 32.21<br>NEW APPLICATION           | 0.0                  | 0.0                  | 0.0                  | 0.0                  | 0.0                  | 0.0                   | 0             | 0             | 2             | 0             | 0                            | 2                             | 0.0                                  |                            | 239                                    |                                     | 1             |                |
| <b>TOTAL 3I</b>                    |                   |               |  | 44.0                 | 182.5                | 150.0                | 154.5                | 152.0                | 683.0                 | 4             | 7             | 5             | 4             | 5                            | 25                            | 27.3                                 | 30.4                       | 34.1                                   | 23.9                                | 27.3          | 76             |
| 3J                                 | 73240             | 03240         | GENERAL LICENSE DISTRIBUTION - 32.51<br>NEW APPLICATION  | 5.0                  | 0.0                  | 0.0                  | 0.0                  | 12.0                 | 17.0                  | 4             | 0             | 1             | 0             | 2                            | 7                             | 2.4                                  |                            | 7.2                                    |                                     | 22            |                |
| 3J                                 | 73241             | 03241         | GENERAL LICENSE DISTRIBUTION - 32.53<br>NEW APPLICATION  | 00                   | 00                   | 00                   | 00                   | 00                   | 00                    | 0             | 0             | 0             | 0             | 0                            | 0                             | 00                                   |                            | 7.2                                    |                                     | 1             |                |
| 3J                                 | 73243             | 03243         | GENERAL LICENSE DISTRIBUTION - 32.61<br>NEW APPLICATION  | 00                   | 00                   | 00                   | 00                   | 00                   | 00                    | 0             | 0             | 0             | 0             | 0                            | 0                             | 00                                   |                            | 7.2                                    |                                     | 0             |                |
| <b>TOTAL 3J</b>                    |                   |               |  | 5.0                  | 00                   | 00                   | 00                   | 12.0                 | 17.0                  | 4             | 0             | 1             | 0             | 2                            | 7                             | 2.4                                  | 6.0                        | 6.0                                    | 7.2                                 | 7.2           | 23             |
| 3K                                 | 73242             | 03242         | GENERAL LICENSE DISTRIBUTION - 32.57<br>NEW APPLICATION  | 00                   | 00                   | 00                   | 00                   | 00                   | 00                    | 0             | 0             | 0             | 0             | 0                            | 0                             | 00                                   |                            | 4.1                                    |                                     | 0             |                |
| 3K                                 | 73244             | 03244         | GENERAL LICENSE DISTRIBUTION - 32.71<br>NEW APPLICATION  | 00                   | 00                   | 15.5                 | 20.5                 | 00                   | 360                   | 1             | 0             | 1             | 1             | 1                            | 4                             | 90                                   |                            | 4.1                                    |                                     | 8             |                |
| <b>TOTAL 3K</b>                    |                   |               |  | 0.0                  | 0.0                  | 15.5                 | 20.5                 | 0.0                  | 360                   | 1             | 0             | 1             | 1             | 1                            | 4                             | 90                                   | 00                         | 10.3                                   | 4.1                                 | 4.1           | 8              |
| 3L                                 | 73610             | 03610         | RESEARCH AND DEVELOPMENT TYPE A BROAD<br>NEW APPLICATION | 40.0                 | 67.0                 | 64.5                 | 112.5                | 9.0                  | 293.0                 | 1             | 1             | 2             | 2             | 0                            | 6                             | 488                                  |                            | 39.3                                   |                                     | 71            |                |
| 3L                                 | 73611             | 03611         | RESEARCH AND DEVELOPMENT TYPE B BROAD<br>NEW APPLICATION | 7.0                  | 7.0                  | 5.0                  | 00                   | 23.0                 | 42.0                  | 0             | 0             | 0             | 0             | 1                            | 1                             | 420                                  |                            | 39.3                                   |                                     | 23            |                |
| 3L                                 | 73612             | 03612         | RESEARCH AND DEVELOPMENT TYPE C BROAD<br>NEW APPLICATION | 60                   | 0.0                  | 00                   | 00                   | 7.0                  | 130                   | 1             | 0             | 0             | 0             | 0                            | 1                             | 130                                  |                            | 39.3                                   |                                     | 4             |                |



MATERIALS LICENSING FEES (OVERTIME INCLUDED)

| 2001<br>LICENSE<br>CATEGORY | LTS<br>TAC<br>NO. | PROG.<br>CODE | TITLE   | STAFF HOURS EXPENDED |                      |                      |                      |                      |                       | COMPLETIONS   |               |               |               |               |                | AVG<br>HOURS<br>PER<br>COMPL | FY01<br>HOURS<br>PER<br>COMPL | FY01 & FY00<br>HOURS<br>PER<br>COMPL | CURRENT<br>FEE<br>SCHEDULE | NMSS<br>RECOMM<br>NEW FEE<br>SCHEDULE | # LICENSES<br>IN<br>PROGRAM<br>CODE |
|-----------------------------|-------------------|---------------|---|----------------------|----------------------|----------------------|----------------------|----------------------|-----------------------|---------------|---------------|---------------|---------------|---------------|----------------|------------------------------|-------------------------------|--------------------------------------|----------------------------|---------------------------------------|-------------------------------------|
|                             |                   |               |   | FY97<br>STAFF<br>HRS | FY98<br>STAFF<br>HRS | FY99<br>STAFF<br>HRS | FY00<br>STAFF<br>HRS | FY01<br>STAFF<br>HRS | TOTAL<br>STAFF<br>HRS | FY97<br>COMPL | FY98<br>COMPL | FY99<br>COMPL | FY00<br>COMPL | FY01<br>COMPL | TOTAL<br>COMPL |                              |                               |                                      |                            |                                       |                                     |
| 3L                          | 73613             | 03613         | RESEARCH AND DEVELOPMENT - MILITISITE<br>NEW APPLICATION    | 00                   | 90                   | 00                   | 00                   | 00                   | 90                    | 0             | 0             | 0             | 0             | 0             | 0              | 00                           |                               |                                      | 39.3                       |                                       | 3                                   |
| <b>TOTAL 3L</b>             |                   |               |   | 530                  | 83.0                 | 69.5                 | 112.5                | 390                  | 357.0                 | 2             | 1             | 2             | 2             | 1             | 8              | 44.6                         | 39.0                          | 50.5                                 | 39.3                       | 39.3                                  | 101                                 |
| 3M                          | 73620             | 03620         | RESEARCH AND DEVELOPMENT OTHER<br>NEW APPLICATION           | 588.0                | 388.5                | 324.5                | 318.0                | 299.1                | 1898.1                | 32            | 19            | 19            | 14            | 15            | 99             | 19.2                         | 19.9                          | 21.3                                 | 17.2                       | 19.2                                  | 363                                 |
| 3N                          | 73219             | 03219         | DECONTAMINATION SERVICES<br>NEW APPLICATION                 | 80.5                 | 52.0                 | 00                   | 24.0                 | 52.0                 | 208.5                 | 1             | 1             | 0             | 2             | 3             | 7              | 29.8                         |                               |                                      | 17.9                       |                                       | 6                                   |
| 3N                          | 73225             | 03225         | OTHER SERVICES<br>NEW APPLICATION                           | 91.0                 | 202.0                | 30.5                 | 67.0                 | 74.5                 | 465.0                 | 6             | 4             | 7             | 2             | 6             | 25             | 18.6                         |                               |                                      | 17.9                       |                                       | 74                                  |
| <b>TOTAL 3N</b>             |                   |               |   | 171.5                | 254.0                | 30.5                 | 91.0                 | 126.5                | 673.5                 | 7             | 5             | 7             | 4             | 9             | 32             | 21.0                         | 14.1                          | 17.9                                 | 16.7                       | 21.0                                  | 80                                  |
| 3O                          | 73310             | 03310         | INDUSTRIAL RADIOGRAPHY FIXED LOCATION<br>NEW APPLICATION    | 70                   | 00                   | 60                   | 78.5                 | 200                  | 111.5                 | 0             | 0             | 0             | 2             | 0             | 2              | 55.8                         |                               |                                      | 29.3                       |                                       | 17                                  |
| 3O                          | 73320             | 03320         | INDUSTRIAL RADIOGRAPHY TEMP JOB SITES<br>NEW APPLICATION    | 94.0                 | 259.0                | 287.0                | 224.0                | 138.0                | 982.0                 | 4             | 6             | 17            | 18            | 6             | 51             | 19.3                         |                               |                                      | 29.3                       |                                       | 103                                 |
| <b>TOTAL 3O</b>             |                   |               |   | 101.0                | 259.0                | 273.0                | 302.5                | 158.0                | 1093.5                | 4             | 6             | 17            | 20            | 6             | 53             | 20.6                         | 28.3                          | 17.7                                 | 29.3                       | 20.6                                  | 120                                 |
| 3P                          | 72400             | 02400         | VETERINARY NON-HUMAN<br>NEW APPLICATION                     | 68.5                 | 31.5                 | 59.0                 | 18.5                 | 22.5                 | 200.0                 | 6             | 4             | 2             | 2             | 5             | 19             | 10.5                         |                               |                                      | 9.3                        |                                       | 22                                  |
| 3P                          | 72410             | 02410         | IN VITRO TESTING LABORATORIES<br>NEW APPLICATION            | 30                   | 31.5                 | 27.0                 | 16.5                 | 25.0                 | 103.0                 | 0             | 1             | 1             | 2             | 2             | 6              | 17.2                         |                               |                                      | 9.3                        |                                       | 30                                  |
| 3P                          | 73120             | 03120         | MEASURING SYSTEMS FIXED GAUGES<br>NEW APPLICATION           | 220.0                | 198.0                | 143.5                | 120.0                | 157.5                | 839.0                 | 16            | 20            | 18            | 20            | 13            | 87             | 9.6                          |                               |                                      | 9.3                        |                                       | 443                                 |
| 3P                          | 73121             | 03121         | MEASURING SYSTEMS PORTABLE GAUGES<br>NEW APPLICATION        | 802.5                | 837.5                | 411.2                | 352.0                | 347.8                | 2751.0                | 97            | 74            | 120           | 68            | 69            | 428            | 6.4                          |                               |                                      | 9.3                        |                                       | 1064                                |
| 3P                          | 73122             | 03122         | MEASURING SYSTEMS ANALYTICAL INSTRUMENTS<br>NEW APPLICATION | 30.0                 | 13.5                 | 23.0                 | 17.5                 | 0.0                  | 84.0                  | 2             | 0             | 2             | 1             | 0             | 5              | 16.8                         |                               |                                      | 9.3                        |                                       | 21                                  |
| 3P                          | 73123             | 03123         | MEASURING SYSTEMS GAS CHROMATOGRAPHS<br>NEW APPLICATION     | 130                  | 310                  | 60                   | 150                  | 2.5                  | 67.5                  | 3             | 4             | 2             | 1             | 2             | 12             | 5.6                          |                               |                                      | 9.3                        |                                       | 77                                  |
| 3P                          | 73124             | 03124         | MEASURING SYSTEMS OTHER<br>NEW APPLICATION                  | 380                  | 440                  | 200                  | 990                  | 69.5                 | 268.5                 | 3             | 3             | 4             | 6             | 4             | 20             | 13.4                         |                               |                                      | 9.3                        |                                       | 37                                  |
| 3P                          | 73220             | 03220         | LEAK TEST SERVICE ONLY<br>NEW APPLICATION                   | 00                   | 14.5                 | 00                   | 6.5                  | 00                   | 21.0                  | 1             | 1             | 1             | 0             | 0             | 3              | 7.0                          |                               |                                      | 9.3                        |                                       | 3                                   |
| 3P                          | 73221             | 03221         | INSTRUMENT CALIB. SERVICE ONLY < 100 CI<br>NEW APPLICATION  | 280                  | 980                  | 69.1                 | 160                  | 120                  | 219.1                 | 2             | 1             | 3             | 4             | 2             | 12             | 18.3                         |                               |                                      | 9.3                        |                                       | 17                                  |
| 1D,3B,3P                    | 72130             | 22130         | POWER SOURCES BYPRODUCT AND/OR SNM<br>NEW APPLICATION       | 00                   | 00                   | 00                   | 00                   | 00                   | 00                    | 0             | 0             | 0             | 0             | 0             | 00             |                              |                               | 9.3   15.3   9.3                     |                            | 0                                     |                                     |
| 3P                          | 73222             | 03222         | INSTRUMENT CALIB. SERVICE ONLY > 100 CI<br>NEW APPLICATION  | 00                   | 50                   | 37.0                 | 00                   | 00                   | 42.0                  | 0             | 1             | 3             | 0             | 0             | 4              | 10.5                         |                               |                                      | 9.3                        |                                       | 6                                   |

MATERIALS LICENSING FEES (OVERTIME INCLUDED)

| 2001<br>LICENSE<br>FEE<br>CATEGORY | LTS<br>TAC<br>PROG.<br>NO. CODE | TITLE   | STAFF HOURS EXPENDED |                      |                      |                      |                      | TOTAL<br>STAFF<br>HRS | COMPLETIONS   |               |               |               |               | AVG.<br>HOURS<br>PER<br>COMPL | FY01<br>HOURS<br>PER<br>COMPL | FY01 & FY00<br>HOURS<br>PER<br>COMPL | CURRENT<br>FEE<br>SCHEDULE | NMSB<br>RECOMM.<br>NEW FEE<br>SCHEDULE | # LICENSES<br>IN<br>PROGRAM<br>CODE |                |
|------------------------------------|---------------------------------|---|----------------------|----------------------|----------------------|----------------------|----------------------|-----------------------|---------------|---------------|---------------|---------------|---------------|-------------------------------|-------------------------------|--------------------------------------|----------------------------|--|-------------------------------------|----------------|
|                                    |                                 |   | FY97<br>STAFF<br>HRS | FY98<br>STAFF<br>HRS | FY99<br>STAFF<br>HRS | FY00<br>STAFF<br>HRS | FY01<br>STAFF<br>HRS |                       | FY97<br>COMPL | FY98<br>COMPL | FY99<br>COMPL | FY00<br>COMPL | FY01<br>COMPL |                               |                               |                                      |                            |  |                                     | TOTAL<br>COMPL |
| 3P                                 | 73800 03800                     | BYPRODUCT MATERIAL POSSESSION ONLY<br>NEW APPLICATION                   | 2.5                  | 0.0                  | 0.0                  | 0.0                  | 0.0                  | 2.5                   | 1             | 2             | 0             | 1             | 0             | 4                             | 0.6                           |                                      |                            | 9.3                                    |                                     | 22             |
| 3P                                 | 73810 03810                     | BYPRODUCT MATERIAL STANDBY<br>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              |
| <b>TOTAL 3P</b>                    |                                 |   | 1201.5               | 1302.5               | 785.8                | 661.0                | 636.8                | 4597.6                | 131           | 111           | 156           | 105           | 97            | 600                           | 7.7                           | 6.6                                  | 6.4                        | 9.3                                    | 7.7                                 | 1750           |
| 4B                                 | 73234 03234                     | WASTE DISPOSAL SRVC<br>PROCSNG AND/OR<br>REPACKAGING<br>NEW APPLICATION | 13.0                 | 138.0                | 29.0                 | 104.0                | 70.0                 | 354.0                 | 0             | 1             | 1             | 1             | 0             | 3                             | 118.0                         | 0.0                                  | 174.0                      | 12.0                                   | 12.0                                | 8              |
| 4C                                 | 73232 03232                     | PREPACKAGE<br>ONLY<br>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                                | 4              |
| 5A                                 | 73110 03110                     | WELL LOGGING BYPRODUCT/SNM TRACER & SS<br>NEW APPLICATION               | 0.0                  | 0.0                  | 53.5                 | 0.0                  | 3.5                  | 57.0                  | 0             | 0             | 3             | 6             | 2             | 11                            | 5.2                           |                                      |                            | 39.0                                   |                                     | 12             |
| 5A                                 | 73111 03111                     | WELL LOGGING BYPRODUCT/SNM SEALED S ONLY<br>NEW APPLICATION             | 59.5                 | 144.0                | 51.5                 | 0.0                  | 7.5                  | 262.5                 | 0             | 4             | 3             | 4             | 1             | 12                            | 21.9                          |                                      |                            | 39.0                                   |                                     | 20             |
| 5A                                 | 73112 03112                     | WELL LOGGING BYPRODUCT ONLY-TRACERS ONLY<br>NEW APPLICATION             | 0.0                  | 0.0                  | 17.0                 | 0.0                  | 0.0                  | 17.0                  | 0             | 0             | 1             | 2             | 0             | 3                             | 5.7                           |                                      |                            | 39.0                                   |                                     | 2              |
| <b>TOTAL 5A</b>                    |                                 |   | 59.5                 | 144.0                | 122.0                | 0.0                  | 11.0                 | 336.5                 | 0             | 4             | 7             | 12            | 3             | 26                            | 12.9                          | 3.7                                  | 0.7                        | 39.0                                   | 12.9                                | 34             |
| 6A                                 | 73218 03218                     | NUCLEAR LAUNDRY<br>NEW APPLICATION                                      | 95.0                 | 71.0                 | 0.0                  | 0.0                  | 0.0                  | 166.0                 | 0             | 1             | 0             | 0             | 0             | 1                             | 166.0                         | 0.0                                  | 0.0                        | 79.7                                   | 79.7                                | 3              |
| 7A                                 | 72300 02300                     | TELETHERAPY<br>NEW APPLICATION  | 43.0                 | 183.5                | 95.0                 | 0.0                  | 8.0                  | 309.5                 | 1             | 1             | 0             | 0             | 0             | 2                             | 154.8                         |                                      |                            | 43.7                                   |                                     | 10             |
| 7A                                 | 72310 02310                     | STEREOTACTIC RADIOSURGERY - GAMMA KNIFE<br>NEW APPLICATION              | 0.0                  | 0.0                  | 0.0                  | 60.0                 | 0.0                  | 60.0                  | 0             | 1             | 3             | 0             | 1             | 5                             | 12.0                          |                                      |                            | 43.7                                   |                                     | 14             |
| <b>TOTAL 7A</b>                    |                                 |   | 43.0                 | 183.5                | 95.0                 | 60.0                 | 8.0                  | 369.5                 | 1             | 2             | 3             | 0             | 1             | 7                             | 52.8                          | 8.0                                  | 68.0                       | 43.7                                   | 43.7                                | 24             |
| 7B                                 | 72110 02110                     | MEDICAL INSTITUTION BROAD<br>NEW APPLICATION                            | 6.0                  | 23.0                 | 84.5                 | 208.8                | 23.0                 | 345.3                 | 0             | 0             | 2             | 1             | 1             | 4                             | 86.3                          | 23.0                                 | 115.9                      | 31.2                                   | 31.2                                | 73             |
| 7C                                 | 72120 02120                     | MEDICAL INSTITUTION - QMP REQUIRED<br>NEW APPLICATION                   | 194.9                | 185.0                | 242.0                | 173.3                | 246.0                | 1041.2                | 10            | 2             | 13            | 6             | 9             | 40                            | 26.0                          |                                      |                            | 15.3                                   |                                     | 688            |
| 7C                                 | 72121 02121                     | MEDICAL INSTITUTION - QMP NOT REQUIRED<br>NEW APPLICATION               | 109.9                | 103.0                | 89.5                 | 120.0                | 94.5                 | 516.9                 | 5             | 6             | 7             | 11            | 13            | 42                            | 12.3                          |                                      |                            | 15.3                                   |                                     | 149            |
| 7C                                 | 72200 02200                     | MEDICAL PRIVATE PRACTICE - QMP REQUIRED<br>NEW APPLICATION              | 218.0                | 213.7                | 182.0                | 122.0                | 107.5                | 843.2                 | 11            | 16            | 15            | 11            | 13            | 66                            | 12.8                          |                                      |                            | 15.3                                   |                                     | 133            |
| 7C                                 | 72201 02201                     | MEDICAL PRIVATE PRACTICE - QMP NOT REQUIRED<br>NEW APPLICATION          | 305.6                | 425.5                | 477.5                | 419.3                | 481.7                | 2109.5                | 37            | 47            | 45            | 47            | 62            | 238                           | 8.9                           |                                      |                            | 15.3                                   |                                     | 438            |

MATERIALS LICENSING FEES (OVERTIME INCLUDED)

| 2001<br>LICENSE<br>FEE<br>CATEGORY   | TAC<br>NO. | LTS<br>PROG.<br>CODE | TITLE   | STAFF HOURS EXPENDED |                      |                      |                      |                      | COMPLETIONS           |               |               |               |               | AVG.<br>HOURS<br>PER<br>COMPL | FY01<br>HOURS<br>PER<br>COMPL | FY01 & FY00<br>HOURS<br>PER<br>COMPL | CURRENT<br>FEE<br>SCHEDULE | NARS<br>RECOMM.<br>NEW FEE<br>SCHEDULE | # LICENSES<br>IN<br>PROGRAM<br>CODE |               |                |
|--|------------|----------------------|---|----------------------|----------------------|----------------------|----------------------|----------------------|-----------------------|---------------|---------------|---------------|---------------|-------------------------------|-------------------------------|--------------------------------------|----------------------------|--|-------------------------------------|---------------|----------------|
|  |            |                      |   | FY97<br>STAFF<br>HRS | FY98<br>STAFF<br>HRS | FY99<br>STAFF<br>HRS | FY00<br>STAFF<br>HRS | FY01<br>STAFF<br>HRS | TOTAL<br>STAFF<br>HRS | FY97<br>COMPL | FY98<br>COMPL | FY99<br>COMPL | FY00<br>COMPL |                               |                               |                                      |                            |  |                                     | FY01<br>COMPL | TOTAL<br>COMPL |
| 7C   | 72210      | 02210                | EYE APPLICATORS STRONTIUM-90<br>NEW APPLICATION                             | 14.0                 | 0.0                  | 0.0                  | 0.0                  | 0.0                  | 14.0                  | 2             | 0             | 0             | 0             | 0                             | 2                             | 7.0                                  |                            | 15.3                                   |                                     | 20            |                |
| 7C   | 72220      | 02220                | MOBILE NUCLEAR MEDICINE SERVICE<br>NEW APPLICATION                          | 21.0                 | 54.5                 | 54.0                 | 8.0                  | 33.0                 | 170.5                 | 5             | 3             | 8             | 0             | 2                             | 18                            | 10.7                                 |                            | 15.3                                   |                                     | 40            |                |
| 7C   | 72230      | 02230                | HIGH DOSE RATE REMOTE AFTERLOADER<br>NEW APPLICATION                        | 12.0                 | 34.0                 | 78.5                 | 23.0                 | 90.0                 | 237.5                 | 0             | 3             | 3             | 4             | 1                             | 11                            | 21.6                                 |                            | 15.3                                   |                                     | 185           |                |
| 7C   | 72231      | 02231                | MOBILE HI DOSE RATE REMOTE AFTERLOADER<br>NEW APPLICATION                   | 0.0                  | 9.5                  | 119.0                | 41.5                 | 18.0                 | 188.0                 | 0             | 1             | 2             | 1             | 2                             | 6                             | 31.3                                 |                            | 15.3                                   |                                     | 7             |                |
| 7C   | 72240      | 02240                | MOBILE THERAPY<br>NEW APPLICATION   | 0.0                  | 0.0                  | 0.0                  | 0.0                  | 0.0                  | 0.0                   | 0             | 0             | 0             | 0             | 0                             | 0                             | 0.0                                  |                            | 15.3                                   |                                     | 0             |                |
| 7C   | 72160      | 22160                | PACEMAKER BYPRODUCT AND/OR SNM MED INST.<br>NEW APPLICATION                 | 8.0                  | 0.0                  | 2.5                  | 0.0                  | 0.0                  | 10.5                  | 1             | 0             | 0             | 0             | 1                             | 2                             | 5.3                                  |                            | 15.3                                   |                                     | 25            |                |
| <b>TOTAL 7C</b>  |            |                      |   | <b>883.3</b>         | <b>1025.2</b>        | <b>1245.0</b>        | <b>907.1</b>         | <b>1070.7</b>        | <b>5131.3</b>         | <b>71</b>     | <b>78</b>     | <b>91</b>     | <b>80</b>     | <b>103</b>                    | <b>423</b>                    | <b>12.1</b>                          | <b>10.4</b>                | <b>10.8</b>                            | <b>15.3</b>                         | <b>12.1</b>   | <b>1885</b>    |
| 8A   | 73710      | 03710                | CIVIL DEFENSE<br>NEW APPLICATION  | 1.0                  | 0.0                  | 0.0                  | 0.0                  | 0.0                  | 1.0                   | 0             | 0             | 0             | 0             | 0                             | 0                             | 0.0                                  | 0.0                        | 0.0                                    | 2.3                                 | 2.3           | 6              |
| 9A   |            |                      | DEVICE REVIEWS-COMMERCIAL<br>NEW APPLICATION                                | 475.8                | 1017.2               | 1378.0               | 1480.1               | 1105.3               | 5454.4                | 11            | 13            | 5             | 9             | 3                             | 41                            | 133.0                                | 368.4                      | 215.5                                  | 37.2                                | 38.0          |                |
| 9B   |            |                      | DEVICE REVIEWS-CUSTOM<br>NEW APPLICATION                                    | 191.0                | 69.5                 | 138.0                | 144.0                | 135.0                | 675.5                 | 0             | 2             | 1             | 0             | 0                             | 3                             | 225.2                                | 0.0                        | 0.0                                    | 37.2                                | 36.0          |                |
| 9C   |            |                      | SEALED SOURCE REVIEWS-COMMERCIAL<br>NEW APPLICATION                         | 86.5                 | 95.5                 | 67.0                 | 120.5                | 270.0                | 639.5                 | 1             | 1             | 2             | 1             | 0                             | 5                             | 127.8                                | 0.0                        | 390.5                                  | 11.3                                | 11.3          |                |
| 9D   |            |                      | SEALED SOURCE REVIEWS-CUSTOM<br>NEW APPLICATION                             | 62.0                 | 31.0                 | 23.0                 | 72.0                 | 23.0                 | 211.0                 | 0             | 1             | 0             | 0             | 0                             | 1                             | 211.0                                | 0.0                        | 0.0                                    | 3.8                                 | 3.8           |                |
| 10B  |            |                      | TRANSPORTATION OF RADIOACTIVE MATERIAL<br>- PART 71 QA -<br>NEW APPLICATION | 77.5                 | 115.7                | 166.5                | 183.5                | 130.4                | 673.6                 | 19            | 18            | 4             | 8             | 8                             | 51                            | 13.2                                 | 21.7                       | 28.2                                   | 4.5                                 | 13.2          | 134            |
| <b>TOTAL COMPLETIONS<br/>FOR NEW MATERIALS LICENSING<br/>(EXCLUDES SS&amp;D &amp; TRANSPORT)</b> |            |                      |   |                      |                      |                      |                      |                      | <b>283</b>            | <b>253</b>    | <b>340</b>    | <b>257</b>    | <b>258</b>    |                               |                               |                                      |                            |  |                                     |               |                |

9/19/02

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

| <b>LICENSE<br/>FEE<br/>CATEGORY</b> | <b>AVERAGE<br/>HOURS PER<br/>COMPLETION<br/>FROM RITS</b> | <b>NUMBER<br/>OF<br/>LICENSES</b> |
|-------------------------------------|---|-----------------------------------|
| 1C SNM Plutonium SS&D               | 14.9  | 2                                 |
| 1D SNM Pu-Neutron Source            | 29.5  | 52                                |
| 2B Source Material Shielding        | 10.5  | 17                                |
| 2C Source Other                     | 45.7  | 49                                |
| 3A Mfg. Broad Scope                 | 71.7  | 10                                |
| 3B Mfg. Other                       | 20.7  | 70                                |
| 3C Mfg/Dist. Radiopharmacy          | 24.5  | 50                                |
| 3D Radiophar. No process            | 12.4  | 5                                 |
| 3E Irrad. Self Shielded             | 11.8  | 94                                |
| 3F Irrad. <10,000 Cur.              | 18.4  | 9                                 |
| 3G Irrad. ≥10,000 Cur.              | 39.0  | 12                                |
| 3H Exempt Dist. Device Rvw.         | 11.4  | 84                                |
| 3I Exempt Dist- No Dev. Rvw.        | 12.9  | 76                                |
| 3J GL Dist. Device Rvw.             | 13.0  | 23                                |
| 3K GL Dist.- No Dev. Rvw.           | 8.4   | 8                                 |
| 3L Research & Develop. Broad        | 31.2  | 101                               |

9/19/02

TABLE 2  
AVERAGE HOURS TO COMPLETE  
INSPECTION ACTIONS

| LICENSE<br>FEE<br>CATEGORY   | AVERAGE<br>HOURS PER<br>COMPLETION<br>FROM RITS | NUMBER<br>OF<br>LICENSES |
|------------------------------|---|--------------------------|
| 3M Research & Develop. Other | 18.3  | 363                      |
| 3N Service Licenses          | 16.3  | 80                       |
| 3O Radiography               | 23.8  | 120                      |
| 3P Other Byproduct           | 15.2  | 1750                     |
| 4B Waste Packaging           | 21.3  | 8                        |
| 4C Waste Prepackaged         | 19.5  | 4                        |
| 5A Well Logging              | 19.9  | 34                       |
| 6A Nuclear Laundry           | 41.2  | 3                        |
| 7A Teletherapy               | 22.7  | 24                       |
| 7B Broad Medical             | 53.1  | 73                       |
| 7C Doctors & Hospitals       | 19.9  | 1685                     |
| 8A Civil Defense             | 13.2  | 6                        |

MATERIALS LICENSE INSPECTION ACTIONS - AVERAGE HOURS (OVERTIME INCLUDED)

| 2001 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 97 STAFF HRS      | FY 98 STAFF HRS | FY 99 STAFF HRS | FY 00 STAFF HRS | FY 01 STAFF HRS |                 | FY97 INSPECT COMPL.             | FY98 INSPECT COMPL. | FY99 INSPECT COMPL. | FY00 INSPECT COMPL. | FY01 INSPECT COMPL. |                       |                          | TOTAL COMPL. |
|                           | 22140            | SNM PLUTONIUM - SEALED SOURCES IN DEVICES INSPECTIONS        | 18.5                 | 40.0            | 0.0             | 16.0            | 0.0             | 74.5            | 2                               | 2                   | 0                   | 1                   | 0                   | 5                     | 14.9                     | 2            |
| 1D                        | 22110            | SNM PLUTONIUM - UNSEALED < CRITICAL INSPECTIONS              | 0.0                  | 152.2           | 52.1            | 16.5            | 47.5            | 268.3           | 0                               | 6                   | 3                   | 1                   | 5                   | 15                    | 17.9                     | 4            |
| 1D                        | 22111            | SNM U-235 AND/OR U-235 < CRITICAL INSPECTIONS                | 0.0                  | 80.0            | 114.0           | 30.0            | 46.0            | 270.0           | 0                               | 4                   | 5                   | 2                   | 3                   | 14                    | 19.3                     | 5            |
| 1D                        | 22120            | SNM PLUTONIUM - NEUTRON SOURCE < 200 GRAMS INSPECTIONS       | 141.0                | 135.5           | 37.0            | 91.5            | 116.1           | 521.1           | 11                              | 15                  | 3                   | 3                   | 10                  | 42                    | 12.4                     | 29           |
| 1D,3B,3P                  | 22130            | POWER SOURCES BYPRODUCT AND/OR SNM INSPECTIONS               | 0.0                  | 0.0             | 0.0             | 2.0             | 0.0             | 2.0             | 0                               | 0                   | 0                   | 0                   | 0                   | 0                     | 0.0                      | 0            |
| 1D                        | 22150            | SNM PLUTONIUM - SEALED SOURCE < CRITICAL INSPECTIONS         | 38.0                 | 10.2            | 20.3            | 61.0            | 27.5            | 155.0           | 3                               | 1                   | 1                   | 5                   | 3                   | 13                    | 11.9                     | 8            |
| 1D                        | 22151            | SNM U235 AND/OR U233 SEALED SRCS < CRTCL INSPECTIONS         | 0.0                  | 4.0             | 8.0             | 0.0             | 0.0             | 12.0            | 0                               | 1                   | 1                   | 0                   | 0                   | 2                     | 6.0                      | 1            |
| 1D,3B                     | 22162            | PACEMAKER BYPRDCT AND/OR SNM MANU. & DIST. INSPECTIONS       | 0.0                  | 0.0             | 12.0            | 0.0             | 0.0             | 12.0            | 0                               | 0                   | 1                   | 0                   | 0                   | 1                     | 12.0                     | 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                  | 374.5           | 554.5           | 416.5           | 625.1           | 1970.6          | 0                               | 7                   | 4                   | 5                   | 6                   | 22                    | 89.6                     | 4            |
| 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  | 177.0                | 756.4           | 797.9           | 617.5           | 862.2           | 3211.0          | 14                              | 34                  | 18                  | 16                  | 27                  | 109                   | 29.5                     | 52           |
| 2B                        | 11210            | SOURCE MATERIAL SHIELDING INSPECTIONS                        | 11.0                 | 12.0            | 0.0             | 46.8            | 14.0            | 83.8            | 1                               | 1                   | 0                   | 4                   | 2                   | 8                     | 10.5                     | 17           |
| 2C                        | 11200            | SOURCE MATERIAL OTHER < 150 KILOGRAMS INSPECTIONS            | 157.5                | 59.0            | 100.0           | 240.5           | 21.7            | 578.7           | 5                               | 3                   | 3                   | 6                   | 3                   | 20                    | 28.9                     | 3            |
| 2C                        | 11220            | SOURCE MATL. MILITARY MUNITION - INDOOR TESTING INSPECTIONS  | 52.5                 | 90.0            | 19.0            | 27.5            | 134.3           | 323.3           | 4                               | 1                   | 1                   | 1                   | 5                   | 12                    | 28.9                     | 4            |
| 2C                        | 11221            | SOURCE MATL. MILITARY MUNITION - OUTDOOR TESTING INSPECTIONS | 0.0                  | 81.5            | 0.0             | 12.0            | 0.0             | 93.5            | 0                               | 1                   | 0                   | 1                   | 0                   | 2                     | 46.8                     | 1            |
| 2C                        | 11230            | SOURCE MATERIAL GENERAL LIC DIST. 40,34 INSPECTIONS          | 0.0                  | 0.0             | 169.3           | 0.0             | 0.0             | 169.3           | 0                               | 0                   | 2                   | 0                   | 0                   | 2                     | 84.7                     | 0            |
| 2C                        | 11300            | SOURCE MATERIAL OTHER > 150 KILOGRAMS INSPECTIONS            | 1457.3               | 1351.7          | 559.1           | 227.3           | 863.0           | 4478.4          | 34                              | 31                  | 21                  | 14                  | 15                  | 115                   | 38.9                     | 33           |

**MATERIALS LICENSE INSPECTION ACTIONS - AVERAGE HOURS (OVERTIME INCLUDED)**

| 2001<br>LICENSE<br>FEE<br>CATEGORY | LTS<br>PROGRAM<br>CODE | TITLE   | STAFF HOURS EXPENDED  |                       |                       |                       |                       | NUMBER OF INSPECTIONS COMPLETED |                           |                           |                           |                           | AVG.<br>HOURS<br>PER<br>COMPL. | LICENSES<br>IN<br>PROGRAM<br>CODE |                           |                 |
|------------------------------------|------------------------|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|---------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------------|-----------------------------------|---------------------------|-----------------|
|                                    |                        |   | FY 97<br>STAFF<br>HRS | FY 98<br>STAFF<br>HRS | FY 99<br>STAFF<br>HRS | FY 00<br>STAFF<br>HRS | FY 01<br>STAFF<br>HRS | TOTAL<br>STAFF<br>HRS           | FY97<br>INSPECT<br>COMPL. | FY98<br>INSPECT<br>COMPL. | FY99<br>INSPECT<br>COMPL. | FY00<br>INSPECT<br>COMPL. |                                |                                   | FY01<br>INSPECT<br>COMPL. | TOTAL<br>COMPL. |
| 2C                                 | 11800                  | SOURCE MATERIAL POSSESSION ONLY - PERMANENT SHUTDOWN<br>INSPECTIONS | 1636.5                | 1131.4                | 781.5                 | 131.0                 | 205.5                 | 3865.9                          | 12                        | 16                        | 16                        | 7                         | 8                              | 57                                | 67.8                      | 8               |
|                                    |                        | INSPECTIONS   | 3,303.8               | 2,713.6               | 1,608.9               | 638.3                 | 1,244.5               | 9509.1                          | 55                        | 62                        | 43                        | 29                        | 29                             | 208                               | 45.7                      | 49              |
| TOTAL 2C                           |                        |   |                       |                       |                       |                       |                       |                                 |                           |                           |                           |                           |                                |                                   |                           |                 |
| 3A                                 | 03211                  | MANUFACTURING & DIST. TYPE A BROAD<br>INSPECTIONS                   | 1181.1                | 922.0                 | 591.0                 | 664.5                 | 878.9                 | 4037.5                          | 22                        | 15                        | 16                        | 11                        | 16                             | 53                                | 76.2                      | 6               |
| 3A                                 | 03212                  | MANUFACTURING & DIST. TYPE B BROAD<br>INSPECTIONS                   | 55.0                  | 51.0                  | 13.0                  | 61.0                  | 38.0                  | 218.0                           | 2                         | 3                         | 1                         | 2                         | 1                              | 6                                 | 38.3                      | 3               |
| 3A                                 | 03213                  | MANUFACTURING & DIST. TYPE C BROAD<br>INSPECTIONS                   | 0.0                   | 0.0                   | 20.0                  | 5.0                   | 20.0                  | 45.0                            | 0                         | 0                         | 1                         | 1                         | 1                              | 1                                 | 45.0                      | 1               |
| TOTAL 3A                           |                        | INSPECTIONS   | 1,236.1               | 973.0                 | 624.0                 | 730.5                 | 736.9                 | 4,300.5                         | 24                        | 18                        | 18                        | 14                        | 18                             | 60                                | 71.7                      | 10              |
| 3B                                 | 03214                  | MANUFACTURING & DIST. OTHER<br>INSPECTIONS                          | 1196.7                | 626.0                 | 696.0                 | 618.7                 | 514.6                 | 3652.0                          | 49                        | 37                        | 30                        | 37                        | 23                             | 176                               | 20.8                      | 69              |
| 1D,3B,3P                           | 22130                  | MANUFACTURING & DIST. OTHER<br>INSPECTIONS                          | 0.0                   | 0.0                   | 0.0                   | 2.0                   | 0.0                   | 2.0                             | 0                         | 0                         | 0                         | 0                         | 0                              | 0                                 | 0.0                       | 0               |
| 1D,3B                              | 22162                  | PACEMAKER BYPRDCT AND/OR SNM MANU. & DIST.<br>INSPECTIONS           | 0.0                   | 0.0                   | 12.0                  | 0.0                   | 0.0                   | 12.0                            | 0                         | 0                         | 1                         | 0                         | 0                              | 1                                 | 12.0                      | 1               |
| TOTAL 3B                           |                        | INSPECTIONS   | 1,196.7               | 626.0                 | 708.0                 | 618.7                 | 514.6                 | 3666.0                          | 49                        | 37                        | 31                        | 37                        | 23                             | 177                               | 20.7                      | 70              |
| 3C                                 | 02500                  | NUCLEAR PHARMACIES<br>INSPECTIONS                                   | 1,616.9               | 1,749.2               | 1,327.7               | 1,644.8               | 1,417.3               | 7956.4                          | 73                        | 70                        | 60                        | 58                        | 64                             | 325                               | 24.5                      | 48              |
| 3D                                 | 02511                  | MEDICAL PRODUCT DISTRIBUTION-32.72<br>INSPECTIONS                   | 45.0                  | 2.0                   | 13.0                  | 0.0                   | 26.5                  | 86.5                            | 3                         | 1                         | 1                         | 0                         | 2                              | 7                                 | 12.4                      | 1               |
| 3D                                 | 02513                  | MEDICAL PRODUCT DISTRIBUTION-32.74<br>INSPECTIONS                   | 0.0                   | 9.0                   | 0.0                   | 30.5                  | 10.0                  | 49.5                            | 0                         | 1                         | 0                         | 2                         | 1                              | 4                                 | 12.4                      | 4               |
| TOTAL 3D                           |                        | INSPECTIONS   | 45.0                  | 11.0                  | 13.0                  | 30.5                  | 36.5                  | 136.0                           | 3                         | 2                         | 1                         | 2                         | 3                              | 11                                | 12.4                      | 5               |
| 3E                                 | 03510                  | IRRADIATORS SELF SHIELDED < 10000 CURIES<br>INSPECTIONS             | 117.3                 | 202.0                 | 460.2                 | 292.5                 | 135.8                 | 1207.8                          | 16                        | 19                        | 42                        | 24                        | 13                             | 114                               | 10.6                      | 84              |
| 3E                                 | 03520                  | IRRADIATORS SELF SHIELDED > 10000 CURIES<br>INSPECTIONS             | 160.5                 | 204.5                 | 55.5                  | 55.0                  | 36.8                  | 512.3                           | 9                         | 13                        | 3                         | 3                         | 4                              | 32                                | 16.0                      | 10              |
| TOTAL 3E                           |                        | INSPECTIONS   | 277.8                 | 406.5                 | 515.7                 | 347.5                 | 172.6                 | 1720.1                          | 25                        | 32                        | 45                        | 27                        | 17                             | 146                               | 11.8                      | 84              |
| 3E                                 | 03511                  | IRRADIATORS OTHER < 10000 CURIES<br>INSPECTIONS                     | 91.5                  | 99.0                  | 78.5                  | 23.5                  | 112.5                 | 405.0                           | 6                         | 4                         | 3                         | 3                         | 6                              | 22                                | 18.4                      | 9               |

**MATERIALS LICENSE INSPECTION ACTIONS - AVERAGE HOURS (OVERTIME INCLUDED)**

| 2001<br>LICENSE<br>FEE<br>CATEGORY | LTS<br>PROGRAM<br>CODE | TITLE   | STAFF HOURS EXPENDED  |                       |                       |                       |                       | NUMBER OF INSPECTIONS COMPLETED |                           |                           |                           |                           | AVG.<br>HOURS<br>PER<br>COMPL. | LICENSES<br>IN<br>PROGRAM<br>CODE |                           |                 |
|------------------------------------|------------------------|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|---------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------------|-----------------------------------|---------------------------|-----------------|
|                                    |                        |   | FY 97<br>STAFF<br>HRS | FY 98<br>STAFF<br>HRS | FY 99<br>STAFF<br>HRS | FY 00<br>STAFF<br>HRS | FY 01<br>STAFF<br>HRS | TOTAL<br>STAFF<br>HRS           | FY97<br>INSPECT<br>COMPL. | FY98<br>INSPECT<br>COMPL. | FY99<br>INSPECT<br>COMPL. | FY00<br>INSPECT<br>COMPL. |                                |                                   | FY01<br>INSPECT<br>COMPL. | TOTAL<br>COMPL. |
| 3G                                 | 03521                  | IRRADIATORS OTHER > 10000 CURIES<br>INSPECTIONS     | 1224.0                | 1029.1                | 817.0                 | 291.0                 | 191.7                 | 3552.8                          | 24                        | 25                        | 21                        | 13                        | 8                              | 91                                | 39.0                      | .12             |
| 3H                                 | 03254                  | EXEMPT DISTRIBUTION - 32.22<br>INSPECTIONS          | 23.5                  | 31.0                  | 32.0                  | 0.3                   | 0.0                   | 86.8                            | 3                         | 4                         | 4                         | 1                         | 0                              | 12                                | 7.2                       | 9               |
| 3H,3I                              | 03251                  | EXEMPT DISTRIBUTION - 32.14<br>INSPECTIONS          | 150.5                 | 141.5                 | 136.4                 | 79.0                  | 57.5                  | 564.9                           | 12                        | 12                        | 8                         | 10                        | 5                              | 47                                | 12.0                      | 50              |
| 3H                                 | 03255                  | EXEMPT DISTRIBUTION - 32.28<br>INSPECTIONS          | 73.5                  | 83.1                  | 53.5                  | 7.0                   | 75.5                  | 292.6                           | 5                         | 7                         | 4                         | 1                         | 7                              | 24                                | 12.2                      | 25              |
| TOTAL 3H                           |                        | INSPECTIONS   | 247.5                 | 255.6                 | 221.9                 | 86.3                  | 133.0                 | 944.3                           | 20                        | 23                        | 16                        | 12                        | 12                             | 83                                | 11.4                      | 84              |
| 3I                                 | 03250                  | EXEMPT DISTRIBUTION - 32.11<br>INSPECTIONS          | 25.8                  | 29.5                  | 28.0                  | 0.0                   | 0.0                   | 83.3                            | 2                         | 3                         | 1                         | 0                         | 0                              | 6                                 | 13.9                      | 1               |
| 3I                                 | 03252                  | EXEMPT DISTRIBUTION - 32.17<br>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<br>INSPECTIONS          | 155.3                 | 94.0                  | 92.7                  | 16.0                  | 24.0                  | 382.0                           | 9                         | 6                         | 7                         | 2                         | 4                              | 28                                | 13.6                      | 24              |
| 3H,3I                              | 03251                  | EXEMPT DISTRIBUTION - 32.14<br>INSPECTIONS          | 150.5                 | 141.5                 | 136.4                 | 79.0                  | 57.5                  | 564.9                           | 12                        | 12                        | 8                         | 10                        | 5                              | 47                                | 12.0                      | 50              |
| 3I                                 | 03256                  | EXEMPT DISTRIBUTION - 32.21<br>INSPECTIONS          | 0.0                   | 0.0                   | 0.0                   | 12.0                  | 0.0                   | 12.0                            | 0                         | 0                         | 0                         | 0                         | 0                              | 0                                 | 0.0                       | 1               |
| TOTAL 3I                           |                        | INSPECTIONS   | 331.6                 | 265.0                 | 257.1                 | 107.0                 | 81.5                  | 1042.2                          | 23                        | 21                        | 16                        | 12                        | 9                              | 81                                | 12.9                      | 76              |
| 3J                                 | 03240                  | GENERAL LICENSE DISTRIBUTION - 32.51<br>INSPECTIONS | 223.2                 | 63.5                  | 125.5                 | 74.9                  | 28.0                  | 515.1                           | 19                        | 5                         | 5                         | 7                         | 3                              | 39                                | 13.2                      | 22              |
| 3J                                 | 03241                  | GENERAL LICENSE DISTRIBUTION - 32.53<br>INSPECTIONS | 0.0                   | 0.0                   | 0.0                   | 4.0                   | 0.0                   | 4.0                             | 0                         | 0                         | 0                         | 1                         | 0                              | 1                                 | 4.0                       | 1               |
| 3J                                 | 03243                  | GENERAL LICENSE DISTRIBUTION - 32.61<br>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   | 223.2                 | 63.5                  | 125.5                 | 78.9                  | 28.0                  | 519.1                           | 19                        | 5                         | 5                         | 8                         | 3                              | 40                                | 13.0                      | 23              |
| 3K                                 | 03242                  | GENERAL LICENSE DISTRIBUTION - 32.57<br>INSPECTIONS | 15.0                  | 4.0                   | 0.0                   | 0.0                   | 0.0                   | 19.0                            | 1                         | 0                         | 0                         | 0                         | 0                              | 1                                 | 19.0                      | 0               |
| 3K                                 | 03244                  | GENERAL LICENSE DISTRIBUTION - 32.71<br>INSPECTIONS | 6.5                   | 3.5                   | 32.0                  | 14.5                  | 0.0                   | 56.5                            | 1                         | 1                         | 4                         | 2                         | 0                              | 8                                 | 7.1                       | 8               |
| TOTAL 3K                           |                        | INSPECTIONS   | 21.5                  | 7.5                   | 32.0                  | 14.5                  | 0.0                   | 75.5                            | 2                         | 1                         | 4                         | 2                         | 0                              | 9                                 | 8.4                       | 8               |



**MATERIALS LICENSE INSPECTION ACTIONS - AVERAGE HOURS (OVERTIME INCLUDED)**

| 2001 LICENSE FEE CATEGORY | LTS PROGRAM CODE | TITLE  | STAFF HOURS EXPENDED |                 |                 |                 |                 | NUMBER OF INSPECTIONS COMPLETED |                     |                     |                     |                     |                     | AVG. HOURS PER COMPL. | LICENSES IN PROGRAM CODE |              |
|---------------------------|------------------|--|----------------------|-----------------|-----------------|-----------------|-----------------|---------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|-----------------------|--------------------------|--------------|
|                           |                  |  | FY 97 STAFF HRS      | FY 98 STAFF HRS | FY 99 STAFF HRS | FY 00 STAFF HRS | FY 01 STAFF HRS | TOTAL STAFF HRS                 | FY97 INSPECT COMPL. | FY98 INSPECT COMPL. | FY99 INSPECT COMPL. | FY00 INSPECT COMPL. | FY01 INSPECT COMPL. |                       |                          | TOTAL COMPL. |
| 3L                        | 03610            | RESEARCH AND DEVELOPMENT TYPE A BROAD INSPECTIONS    | 1721.5               | 1076.1          | 1438.7          | 1337.8          | 873.7           | 6447.8                          | 46                  | 37                  | 48                  | 39                  | 30                  | 200                   | 32.2                     | 71           |
| 3L                        | 03611            | RESEARCH AND DEVELOPMENT TYPE B BROAD INSPECTIONS    | 282.5                | 353.0           | 140.0           | 253.0           | 88.0            | 1098.5                          | 11                  | 9                   | 8                   | 8                   | 4                   | 40                    | 27.4                     | 23           |
| 3L                        | 03612            | RESEARCH AND DEVELOPMENT TYPE C BROAD INSPECTIONS    | 6.0                  | 1.0             | 5.0             | 3.0             | 2.0             | 114.0                           | 1                   | 1                   | 2                   | 2                   | 3                   | 9                     | 12.7                     | 4            |
| 3L                        | 03613            | RESEARCH AND DEVELOPMENT - MULTISITE INSPECTIONS     | 1190.3               | 1455.8          | 1082.7          | 901.5           | 509.5           | 5119.5                          | 42                  | 40                  | 38                  | 24                  | 19                  | 161                   | 31.8                     | 3            |
| <b>TOTAL 3L</b>           |                  | <b>INSPECTIONS</b>                                   | <b>3200.3</b>        | <b>2885.8</b>   | <b>2694.4</b>   | <b>2522.3</b>   | <b>1475.2</b>   | <b>12777.8</b>                  | <b>100</b>          | <b>87</b>           | <b>94</b>           | <b>73</b>           | <b>56</b>           | <b>410</b>            | <b>31.2</b>              | <b>101</b>   |
| 3M                        | 03620            | RESEARCH AND DEVELOPMENT OTHER INSPECTIONS           | 2369.0               | 2002.0          | 1788.6          | 2449.6          | 1300.8          | 9908.0                          | 128                 | 123                 | 118                 | 92                  | 79                  | 540                   | 18.3                     | 363          |
| 3N                        | 03219            | DECONTAMINATION SERVICES INSPECTIONS                 | 575.0                | 96.0            | 41.0            | 31.5            | 21.8            | 765.1                           | 7                   | 4                   | 2                   | 3                   | 3                   | 19                    | 40.3                     | 6            |
| 3N                        | 03225            | OTHER SERVICES INSPECTIONS                           | 574.9                | 364.3           | 398.9           | 483.9           | 346.3           | 2148.3                          | 37                  | 27                  | 27                  | 37                  | 32                  | 160                   | 13.4                     | 74           |
| <b>TOTAL 3N</b>           |                  | <b>INSPECTIONS</b>                                   | <b>1,149.9</b>       | <b>460.3</b>    | <b>439.9</b>    | <b>495.4</b>    | <b>367.9</b>    | <b>2913.4</b>                   | <b>44</b>           | <b>31</b>           | <b>29</b>           | <b>40</b>           | <b>35</b>           | <b>179</b>            | <b>16.3</b>              | <b>80</b>    |
| 3O                        | 03310            | INDUSTRIAL RADIOGRAPHY FIXED LOCATION INSPECTIONS    | 227.1                | 497.5           | 139.0           | 352.9           | 324.5           | 1541.0                          | 15                  | 28                  | 12                  | 18                  | 13                  | 86                    | 17.9                     | 17           |
| 3O                        | 03320            | INDUSTRIAL RADIOGRAPHY TEMP. JOB SITES INSPECTIONS   | 3041.9               | 3575.5          | 3332.0          | 2643.0          | 2233.3          | 14825.7                         | 117                 | 148                 | 122                 | 122                 | 93                  | 602                   | 24.6                     | 103          |
| <b>TOTAL 3O</b>           |                  | <b>INSPECTIONS</b>                                   | <b>3,269.0</b>       | <b>4,073.0</b>  | <b>3,471.0</b>  | <b>2,995.9</b>  | <b>2,557.8</b>  | <b>16366.7</b>                  | <b>132</b>          | <b>176</b>          | <b>134</b>          | <b>140</b>          | <b>106</b>          | <b>688</b>            | <b>23.8</b>              | <b>120</b>   |
| 3P                        | 02400            | VETERINARY NONHUMAN INSPECTIONS                      | 307.5                | 80.4            | 62.5            | 76.0            | 121.3           | 647.7                           | 7                   | 9                   | 5                   | 5                   | 8                   | 34                    | 18.1                     | 22           |
| 3P                        | 02410            | IN VITRO TESTING LABORATORIES INSPECTIONS            | 283.0                | 186.5           | 94.4            | 202.5           | 88.1            | 854.5                           | 17                  | 16                  | 7                   | 15                  | 8                   | 63                    | 13.6                     | 30           |
| 3P                        | 03120            | MEASURING SYSTEMS FIXED GAUGES INSPECTIONS           | 3191.5               | 1971.1          | 1828.1          | 1414.2          | 1004.7          | 9407.6                          | 214                 | 146                 | 128                 | 83                  | 72                  | 643                   | 14.8                     | 443          |
| 3P                        | 03121            | MEASURING SYSTEMS PORTABLE GAUGES INSPECTIONS        | 7177.6               | 5395.3          | 5139.7          | 4554.0          | 3822.6          | 25889.2                         | 400                 | 373                 | 362                 | 308                 | 249                 | 1750                  | 14.8                     | 1064         |
| 3P                        | 03122            | MEASURING SYSTEMS ANALYTICAL INSTRUMENTS INSPECTIONS | 98.5                 | 44.8            | 32.5            | 56.0            | 40.5            | 270.3                           | 7                   | 3                   | 3                   | 6                   | 7                   | 28                    | 10.4                     | 21           |

MATERIALS LICENSE INSPECTION ACTIONS -AVERAGE HOURS (OVERTIME INCLUDED)

| 2001<br>LICENSE<br>FEE<br>CATEGORY | LTS<br>PROGRAM<br>CODE | TITLE   | STAFF HOURS EXPENDED  |                       |                       |                       |                       | NUMBER OF INSPECTIONS COMPLETED |                           |                           |                           |                           | AVG.<br>HOURS<br>PER<br>COMPL. | LICENSES<br>IN<br>PROGRAM<br>CODE |                           |                 |
|------------------------------------|------------------------|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|---------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------------|-----------------------------------|---------------------------|-----------------|
|                                    |                        |   | FY 97<br>STAFF<br>HRS | FY 98<br>STAFF<br>HRS | FY 99<br>STAFF<br>HRS | FY 00<br>STAFF<br>HRS | FY 01<br>STAFF<br>HRS | TOTAL<br>STAFF<br>HRS           | FY97<br>INSPECT<br>COMPL. | FY98<br>INSPECT<br>COMPL. | FY99<br>INSPECT<br>COMPL. | FY00<br>INSPECT<br>COMPL. |                                |                                   | FY01<br>INSPECT<br>COMPL. | TOTAL<br>COMPL. |
| 3P                                 | 03123                  | MEASURING SYTEMS GAS CHROMATOGRAPHS<br>INSPECTIONS      | 360.0                 | 182.0                 | 65.0                  | 74.5                  | 92.0                  | 773.5                           | 20                        | 11                        | 6                         | 7                         | 11                             | 55                                | 14.1                      | 77              |
| 3P                                 | 03124                  | MEASURING SYSTEMS OTHER<br>INSPECTIONS                  | 614.5                 | 216.0                 | 286.5                 | 261.0                 | 19.5                  | 1407.5                          | 13                        | 8                         | 14                        | 13                        | 4                              | 50                                | 28.2                      | 37              |
| 3P                                 | 03220                  | LEAK TEST SERVICE ONLY<br>INSPECTIONS                   | 23.0                  | 58.5                  | 46.5                  | 33.5                  | 1.5                   | 163.0                           | 2                         | 3                         | 3                         | 4                         | 1                              | 13                                | 12.5                      | 3               |
| 3P                                 | 03221                  | INSTRUMENT CALIB. SERVICE ONLY <100 CI<br>INSPECTIONS   | 131.5                 | 48.0                  | 123.0                 | 89.0                  | 93.3                  | 484.8                           | 9                         | 5                         | 8                         | 8                         | 6                              | 36                                | 13.5                      | 17              |
| 1D,3B,3P                           | 22130                  | MANUFACTURING & DIST. OTHER<br>INSPECTIONS              | 0.0                   | 0.0                   | 0.0                   | 2.0                   | 0.0                   | 2.0                             | 0                         | 0                         | 0                         | 0                         | 0                              | 0                                 | 0.0                       | 0               |
| 3P                                 | 03222                  | INSTRUMENT CALIB. SERVICE ONLY > 100 CI<br>INSPECTIONS  | 87.0                  | 15.0                  | 29.0                  | 35.5                  | 42.5                  | 209.0                           | 4                         | 2                         | 4                         | 2                         | 4                              | 16                                | 13.1                      | 6               |
| 3P                                 | 03800                  | BYPRODUCT MATERIAL POSSESSION ONLY<br>INSPECTIONS       | 1009.2                | 565.0                 | 540.0                 | 335.2                 | 205.6                 | 2654.9                          | 43                        | 11                        | 29                        | 24                        | 23                             | 130                               | 20.4                      | 22              |
| 3P                                 | 03810                  | BYPRODUCT MATERIAL STANDBY<br>INSPECTIONS               | 0.0                   | 7.5                   | 45.0                  | 104.8                 | 56.6                  | 213.9                           | 0                         | 1                         | 4                         | 6                         | 5                              | 16                                | 13.4                      | 6               |
| TOTAL 3P                           |                        | INSPECTIONS   | 13,281.3              | 8,770.1               | 8,300.2               | 7,238.2               | 5,388.1               | 42,977.9                        | 796                       | 586                       | 573                       | 479                       | 398                            | 2832                              | 15.2                      | 1750            |
| 4B                                 | 03234                  | WSTE DISPSL SRVC PROCSNG AND/OR REPCKGNG<br>INSPECTIONS | 150.0                 | 230.0                 | 105.0                 | 91.5                  | 84.7                  | 661.2                           | 9                         | 7                         | 5                         | 4                         | 6                              | 31                                | 21.3                      | 8               |
| 4C                                 | 03232                  | WASTE DISPOSAL SERVICE PREPACKAGE ONLY<br>INSPECTIONS   | 80.5                  | 18.5                  | 40.5                  | 55.6                  | 0.0                   | 195.1                           | 3                         | 1                         | 3                         | 3                         | 0                              | 10                                | 18.5                      | 4               |
| 5A                                 | 03110                  | WELL LOGGING BYPRODUCT/SNM TRACER & SS<br>INSPECTIONS   | 784.5                 | 360.0                 | 249.5                 | 281.5                 | 128.4                 | 1783.9                          | 28                        | 18                        | 11                        | 15                        | 9                              | 81                                | 22.0                      | 12              |
| 5A                                 | 03111                  | WELL LOGGING BYPRODUCT/SNM SEALED S ONLY<br>INSPECTIONS | 390.6                 | 282.5                 | 290.7                 | 235.0                 | 89.5                  | 1288.3                          | 22                        | 11                        | 16                        | 16                        | 7                              | 72                                | 17.9                      | 20              |
| 5A                                 | 03112                  | WELL LOGGING BYPRODUCT ONLY-TRACERS ONLY<br>INSPECTIONS | 0.0                   | 0.0                   | 16.0                  | 29.0                  | 12.0                  | 57.0                            | 0                         | 0                         | 1                         | 2                         | 1                              | 4                                 | 14.3                      | 2               |
| TOTAL 5A                           |                        | INSPECTIONS   | 1,155.1               | 642.5                 | 556.2                 | 545.5                 | 229.9                 | 3129.2                          | 50                        | 29                        | 28                        | 33                        | 17                             | 157                               | 19.9                      | 35              |
| 6A                                 | 03216                  | NUCLEAR LAUNDRY<br>INSPECTIONS                          | 296.2                 | 20.0                  | 48.0                  | 0.0                   | 47.5                  | 411.7                           | 3                         | 1                         | 3                         | 0                         | 3                              | 10                                | 41.2                      | 3               |
| 7A                                 | 02300                  | TELE THERAPY<br>INSPECTIONS                             | 672.7                 | 777.0                 | 470.0                 | 114.0                 | 35.5                  | 2069.2                          | 28                        | 34                        | 17                        | 6                         | 6                              | 91                                | 22.7                      | 10              |

**MATERIALS LICENSE INSPECTION ACTIONS - AVERAGE HOURS (OVERTIME INCLUDED)**

| 2001<br>LICENSE<br>FEE<br>CATEGORY | LTS<br>PROGRAM<br>CODE | TITLE  | STAFF HOURS EXPENDED  |                       |                       |                       |                       | TOTAL<br>STAFF<br>HRS | NUMBER OF INSPECTIONS COMPLETED |                           |                           |                           |                           | AVG.<br>HOURS<br>PER<br>COMPL. | LICENSES<br>IN<br>PROGRAM<br>CODE |                 |
|------------------------------------|------------------------|--|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|---------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|--------------------------------|-----------------------------------|-----------------|
|                                    |                        |  | FY 97<br>STAFF<br>HRS | FY 98<br>STAFF<br>HRS | FY 99<br>STAFF<br>HRS | FY 00<br>STAFF<br>HRS | FY 01<br>STAFF<br>HRS |                       | FY97<br>INSPECT<br>COMPL.       | FY98<br>INSPECT<br>COMPL. | FY99<br>INSPECT<br>COMPL. | FY00<br>INSPECT<br>COMPL. | FY01<br>INSPECT<br>COMPL. |                                |                                   | TOTAL<br>COMPL. |
| 7A                                 | 02310                  | STEREOTACTIC RADIOSURGERY - GAMMA KNIFE<br>INSPECTIONS     | 0 0                   | 57.5                  | 173.5                 | 247.0                 | 400.4                 | 878.4                 | 0                               | 4                         | 6                         | 13                        | 14                        | 39                             | 22.5                              | 14              |
|                                    |                        | INSPECTIONS  | 672.7                 | 834.5                 | 643.5                 | 361.0                 | 435.9                 | 2947.6                | 28                              | 38                        | 25                        | 19                        | 20                        | 130                            | 22.7                              | 22              |
| 7B                                 | 02110                  | MEDICAL INSTITUTION BROAD<br>INSPECTIONS                   | 6303.8                | 6442.1                | 4651.6                | 3156.5                | 3566.5                | 24120.5               | 106                             | 113                       | 92                        | 68                        | 75                        | 454                            | 53.1                              | 73              |
| 7C                                 | 02120                  | MEDICAL INSTITUTION OTHER GROUP (LIMITED)<br>INSPECTIONS   | 8150.3                | 5900.1                | 5252.5                | 5064.2                | 4863.1                | 30230.2               | 417                             | 280                       | 270                       | 252                       | 253                       | 1472                           | 20.5                              | 688             |
| 7C                                 | 02121                  | MEDICAL INSTITUTION OTHER NONGROUP (CUSTOM)<br>INSPECTIONS | 288.8                 | 1084.5                | 456.0                 | 443.0                 | 485.7                 | 2766.0                | 22                              | 71                        | 37                        | 29                        | 30                        | 169                            | 14.6                              | 149             |
| 7C                                 | 02200                  | MEDICAL PRIVATE PRACTICE GROUP (LIMITED)<br>INSPECTIONS    | 958.5                 | 590.0                 | 941.8                 | 568.0                 | 556.2                 | 3614.5                | 64                              | 48                        | 59                        | 34                        | 42                        | 247                            | 14.6                              | 133             |
| 7C                                 | 02201                  | MEDICAL PRIVATE PRACTICE NONGROUP (CUSTOM)<br>INSPECTIONS  | 1269.7                | 1501.1                | 1110.2                | 1290.8                | 979.9                 | 6151.7                | 81                              | 115                       | 98                        | 87                        | 93                        | 472                            | 13.0                              | 438             |
| 7C                                 | 02210                  | EYE APPLICATORS STRONTIUM-90<br>INSPECTIONS                | 638.0                 | 651.0                 | 282.0                 | 419.1                 | 98.0                  | 2098.1                | 9                               | 20                        | 9                         | 6                         | 7                         | 51                             | 41.1                              | 20              |
| 7C                                 | 02220                  | MOBILE NUCLEAR MEDICINE SERVICE<br>INSPECTIONS             | 326.7                 | 517.5                 | 414.0                 | 519.2                 | 323.2                 | 2100.6                | 17                              | 27                        | 22                        | 26                        | 22                        | 114                            | 18.4                              | 40              |
| 7C                                 | 02230                  | HIGH DOSE RATE REMOTE AFTERLOADER<br>INSPECTIONS           | 3206.0                | 2971.4                | 2392.4                | 3302.0                | 2084.1                | 14855.9               | 104                             | 99                        | 99                        | 120                       | 125                       | 547                            | 27.2                              | 185             |
| 7C                                 | 02231                  | MOBILE HIGH DOSE RATE REMOTE AFTERLOADER<br>INSPECTIONS    | 0.0                   | 0.0                   | 37.0                  | 14.5                  | 60.0                  | 111.5                 | 0                               | 0                         | 2                         | 2                         | 5                         | 9                              | 12.4                              | 7               |
| 7C                                 | 02240                  | MOBILE THERAPY<br>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 UNM MED INST.<br>INSPECTIONS    | 118.5                 | 101.0                 | 309.8                 | 30.0                  | 32.0                  | 591.3                 | 6                               | 9                         | 11                        | 4                         | 3                         | 33                             | 17.9                              | 25              |
|                                    |                        | INSPECTIONS  | 15,956.5              | 13,326.6              | 11,205.7              | 11,650.8              | 10,362.2              | 62,521.8              | 720                             | 669                       | 605                       | 560                       | 580                       | 3134                           | 19.9                              | 1685            |
| TOTAL 7C                           |                        | INSPECTIONS  |                       |                       |                       |                       |                       |                       |                                 |                           |                           |                           |                           |                                |                                   |                 |
| 7A                                 | 03710                  | CIVIL DEFENSE<br>INSPECTIONS                               | 48.8                  | 20.0                  | 0.0                   | 35.5                  | 54.3                  | 158.6                 | 3                               | 1                         | 0                         | 4                         | 4                         | 12                             | 13.2                              | 6               |

**NOTES:**

1. The staffhours were derived from the Human Resources Management System (HRMS) based on Licensing Tracking System (LTS) program codes and RITS inspection program element codes.

2. The number of inspections completed for FY97, FY98, FY99, FY00, and FY01 was taken directly from IRTS.

3. The number of licenses in each Program Code are taken from the LTS Report 5A dated 09/10/02.

NMSS canvassed the regional offices for information 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. Based on the information discussed, the average hours used in the current fee rule are reasonable.

If there are any questions related to the biennial review of materials flat fees or additional information is needed, please contact Elizabeth Jacobs-Baynard (415-7806 or e-mail: EJB2) of my staff.

Attachments: As stated (2)

Distribution:

- NMSS r/f JCloud
- PMDA r/f TEssig
- PAT 2.6 MBailey
- GJackson BFleminig - 200200196
- ANorris
- GDeegan
- SJones

DOCUMENT: G:\PMDA\PATJACOBS-BJACOBS-B\02LICFEEMemo-draft9.wpd

|      |            |         |         |            |           |         |          |
|------|------------|---------|---------|------------|-----------|---------|----------|
| OFC  | PAT        | E       | PAT     | E          | NMSS:IMNS | NMSS:DD | NMSS:DIR |
| NAME | EJ-Baynard | CSeelig | DAC     | MFederline | MVirgil   |         |          |
| DATE | 2/19/03    | 2/19/03 | 2/19/03 | 2/27/03    | 2/27/03   |         |          |

C = COVER

E = COVER & ENCLOSURE

N = NO COPY

OFFICIAL RECORD COPY

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

# Surcharge-Materials

**SURCHARGE - FY 2003**

SURCHARGE RATE: \$311,693

|  | DIRECT RESOURCES |              | FEE AMOUNT  |
|--|------------------|--------------|-------------|
|  | ,\$K             | FTE          | (\$,M)      |
| <b>TOTAL NRC</b>                       |                  |              |             |
| FEDERAL AGENCY EXEMPTION               | 119              | 9            | 2.9         |
| NONPROFIT EDUCATIONAL EXEMPTION        | 1,009            | 18           | 6.7         |
| INTERNATIONAL ACTIVITIES               | 515              | 31           | 10.3        |
| SMALL ENTITY SUBSIDY                   |                  |              | 4.5         |
| AGREEMENT STATE OVERSIGHT              | 545              | 26           | 8.8         |
| REGULATORY SUPPORT TO AGREEMENT STATES | 3,168            | 33           | 13.4        |
| SDMP                                   | 600              | 10           | 3.6         |
| DECOMMISSIONING/RECLAMATION GENERIC    | 1,678            | 10           | 4.9         |
| LLW GENERIC                            | 818              | 6            | 2.7         |
| <b>TOTAL</b>                           | <b>8,449</b>     | <b>144.0</b> | <b>57.8</b> |

To meet the 94% fee recovery requirement for FY 2003, the Surcharge is reduced by 6% of NRC's FY 2003 budget authority, minus the NWF and the General Fund, as shown below:

|  |             |
|--|-------------|
|  | (\$,M)      |
| Total Surcharge amount less generic LLW (see note)                     | 55.1        |
| Budget Authority minus NWF & Gen Fund                                  | 559.9       |
| Percent reduction in fee recovery amount for FY 2003                   | 6.0%        |
| Reduction in annual fee recovery amount for FY 2003                    | 33.6        |
| Surcharge, excluding LLW, less reduction in annual fee recovery amount | 21.5        |
| Generic LLW amount   | 2.7         |
| <b>Total surcharge to be assessed</b>                                  | <b>24.2</b> |

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

|  | LLW SURCHARGE |            | NON-LLW SURCHARGE |             | TOTAL SURCHARGE |
|--|---------------|------------|-------------------|-------------|-----------------|
|  | PERCENT       | ,\$M       | PERCENT           | ,\$M        | ,\$M            |
| POWER REACTORS                             | 74%           | 2.0        | 79.3%             | 17.1        | 19.1            |
| SPENT FUEL STORAGE/REACTOR DECOMMISSIONING | ---           | ---        | 8.2%              | 1.8         | 1.8             |
| NON-POWER REACTORS                         | ---           | ---        | 0.1%              | 0.0         | 0.0             |
| FUEL FACILITIES                            | 8%            | 0.2        | 6.7%              | 1.4         | 1.6             |
| MATERIALS                                  | 18%           | 0.5        | 3.8%              | 0.8         | 1.3             |
| TRANSPORTATION                             | ---           | ---        | 1.2%              | 0.3         | 0.3             |
| RARE EARTH FACILITIES                      | ---           | ---        | 0.2%              | 0.0         | 0.0             |
| URANIUM RECOVERY                           | ---           | ---        | 0.7%              | 0.1         | 0.1             |
| <b>TOTAL</b>                               | <b>100</b>    | <b>2.7</b> | <b>100.0%</b>     | <b>21.5</b> | <b>24.2</b>     |

SEE BUDGET AUTHORITY TAB  
FOR BUDGETED SURCHARGE COSTS



# Part 170 Fees

# Licensing Fees

**DETERMINATION OF MATERIALS PART 170 FEES  
and Average Inspection Costs  
FY 2003**

FY2003 Materials Hourly Rate:  
\$158

| Materials Part 170 Fee<br>Category                      | FY 2003<br>Professional<br>Process Time<br>(Hours) | FY 2003 Fee/Cost<br>(Professional Time<br>x FY 2003 Hourly Rate) | FY 2003 Fee/Cost<br>(Rounded) |
|---|--|--|-------------------------------|
| <b>1. Special Nuclear Material</b>                      |  |  |                               |
| <b>1C. Industrial Gauges</b>                            |  |  |                               |
| Inspection Costs  | 14.9   | \$2,356  | \$2,360                       |
| New License   | 4.6  | \$727  | \$730                         |
| <b>1D. All Other SNM Material</b>                       |  |  |                               |
| Inspection Costs  | 29.5   | \$4,665  | \$4,700                       |
| New License   | 9.3  | \$1,471  | \$1,500                       |
| <b>2. Source Material</b>                               |  |  |                               |
| <b>2B. Shielding</b>                                    |  |  |                               |
| Inspection Costs  | 10.5   | \$1,661  | \$1,700                       |
| New License   | 1.1  | \$174  | \$170                         |
| <b>2C. All Other Source Material</b>                    |  |  |                               |
| Inspection Costs  | 45.7   | \$7,228  | \$7,200                       |
| New License   | 39.3   | \$6,215  | \$6,200                       |
| <b>3. Byproduct Material</b>                            |  |  |                               |
| <b>3A. Mfg-Broad Scope</b>                              |  |  |                               |
| Inspection Costs  | 71.7   | \$11,339   | \$11,300                      |
| New License   | 46.8   | \$7,401  | \$7,400                       |
| <b>3B. Mfg-Other</b>                                    |  |  |                               |
| Inspection Costs  | 20.7   | \$3,274  | \$3,300                       |
| New License   | 18.2   | \$2,878  | \$2,900                       |
| <b>3C. Mfg/Distribution Radiopharmaceuticals</b>        |  |  |                               |
| Inspection Costs  | 24.5   | \$3,875  | \$3,900                       |
| New License   | 38.7   | \$6,120  | \$6,100                       |
| <b>3D. Distribution Radiopharmaceuticals/No Process</b> |  |  |                               |
| Inspection Costs  | 12.4   | \$1,961  | \$2,000                       |
| New License   | 17   | \$2,689  | \$2,700                       |
| <b>3E. Irradiators/Self-Shielded</b>                    |  |  |                               |
| Inspection Costs  | 11.8   | \$1,866  | \$1,900                       |
| New License   | 11.5   | \$1,819  | \$1,800                       |
| <b>3F. Irradiators &lt; 10,000 Ci</b>                   |  |  |                               |
| Inspection Costs  | 18.4   | \$2,910  | \$2,900                       |
| New License   | 23.4   | \$3,701  | \$3,700                       |
| <b>3G. Irradiators =&gt; 10,000 Ci</b>                  |  |  |                               |
| Inspection Costs  | 39   | \$6,168  | \$6,200                       |
| New License   | 55.8   | \$8,825  | \$8,800                       |

**DETERMINATION OF MATERIALS PART 170 FEES  
and Average Inspection Costs  
FY 2003**

FY2003 Materials Hourly Rate:  
\$158

| <b>Materials Part 170 Fee<br/>Category</b>               | <b>FY 2003<br/>Professional<br/>Process Time<br/>(Hours)</b> | <b>FY 2003 Fee/Cost<br/>(Professional Time<br/>x FY 2003 Hourly Rate)</b> | <b>FY 2003 Fee/Cost<br/>(Rounded)</b> |
|--|--|---|---------------------------------------|
| <b>3H. Exempt Distribution/Device Review</b>             |  |   |                                       |
| Inspection Costs   | 11.4   | \$1,803   | \$1,800                               |
| New License  | 27   | \$4,270   | \$4,300                               |
| <b>3I. Exempt Distribution/No Device Review</b>          |  |   |                                       |
| Inspection Costs   | 12.9   | \$2,040   | \$2,000                               |
| New License  | 27.3   | \$4,318   | \$4,300                               |
| <b>3J. General License Distribution/Device Review</b>    |  |   |                                       |
| Inspection Costs   | 13   | \$2,056   | \$2,060                               |
| New License  | 7.2  | \$1,139   | \$1,100                               |
| <b>3K. General License Distribution/No Device Review</b> |  |   |                                       |
| Inspection Costs   | 8.4  | \$1,328   | \$1,300                               |
| New License  | 4.1  | \$648   | \$650                                 |
| <b>3L. R&amp;D-Broad</b>                                 |  |   |                                       |
| Inspection Costs   | 31.2   | \$4,934   | \$4,900                               |
| New License  | 39.3   | \$6,215   | \$6,200                               |
| <b>3M. R&amp;D-Other</b>                                 |  |   |                                       |
| Inspection Costs   | 18.3   | \$2,894   | \$2,900                               |
| New License  | 19.2   | \$3,037   | \$3,000                               |
| <b>3N. Service License</b>                               |  |   |                                       |
| Inspection Costs   | 16.3   | \$2,578   | \$2,600                               |
| New License  | 21   | \$3,321   | \$3,300                               |
| <b>3O. Radiography</b>                                   |  |   |                                       |
| Inspection Costs   | 23.8   | \$3,764   | \$3,800                               |
| New License  | 20.6   | \$3,258   | \$3,300                               |
| <b>3P. All Other Byproduct Material</b>                  |  |   |                                       |
| Inspection Costs   | 15.2   | \$2,404   | \$2,400                               |
| New License  | 7.7  | \$1,218   | \$1,200                               |
| <b>4. Waste Disposal/Processing</b>                      |  |   |                                       |
| <b>4B. Waste Packaging</b>                               |  |   |                                       |
| Inspection Costs   | 21.3   | \$3,369   | \$3,400                               |
| New License  | 12   | \$1,898   | \$1,900                               |
| <b>4C. Waste-Prepackaged</b>                             |  |   |                                       |
| Inspection Costs   | 19.5   | \$3,084   | \$3,100                               |
| New License  | 18   | \$2,847   | \$2,800                               |

**DETERMINATION OF MATERIALS PART 170 FEES  
and Average Inspection Costs  
FY 2003**

FY2003 Materials Hourly Rate:  
\$158

| <b>Materials Part 170 Fee<br/>Category</b>                    | <b>FY 2003<br/>Professional<br/>Process Time<br/>(Hours)</b> | <b>FY 2003 Fee/Cost<br/>(Professional Time<br/>x FY 2003 Hourly Rate)</b> | <b>FY 2003 Fee/Cost<br/>(Rounded)</b> |
|---|--|---|---------------------------------------|
| <b>5. Well Logging</b>  |  |   |                                       |
| <b>5A. Well Logging</b>                                       |  |   |                                       |
| Inspection Costs  | 19.9   | \$3,147   | \$3,100                               |
| New License   | 12.9   | \$2,040   | \$2,000                               |
| <b>6. Nuclear Laundries</b>                                   |  |   |                                       |
| <b>6A. Nuclear Laundry</b>                                    |  |   |                                       |
| Inspection Costs  | 41.2   | \$6,516   | \$6,500                               |
| New License   | 79.7   | \$12,605  | \$12,600                              |
| <b>7. Human Use</b>   |  |   |                                       |
| <b>7A. Teletherapy</b>  |  |   |                                       |
| Inspection Costs  | 22.7   | \$3,590   | \$3,600                               |
| New License   | 43.7   | \$6,911   | \$6,900                               |
| <b>7B. Medical-Broad</b>                                      |  |   |                                       |
| Inspection Costs  | 53.1   | \$8,398   | \$8,400                               |
| New License   | 31.2   | \$4,934   | \$4,900                               |
| <b>7C. Medical-Other</b>                                      |  |   |                                       |
| Inspection Costs  | 19.9   | \$3,147   | \$3,100                               |
| New License   | 12.1   | \$1,914   | \$1,900                               |
| <b>8. Civil Defense</b>                                       |  |   |                                       |
| <b>8A. Civil Defense</b>                                      |  |   |                                       |
| Inspection Costs  | 13.2   | \$2,088   | \$2,100                               |
| New License   | 2.3  | \$364   | \$360                                 |
| <b>9. Device, product or sealed source evaluation</b>         |  |   |                                       |
| <b>9A. Device evaluation-commercial distribution</b>          |  |   |                                       |
| Application - each device                                     | 36   | \$5,693   | \$5,700                               |
| <b>9B. Device evaluation - custom</b>                         |  |   |                                       |
| Application - each device                                     | 36   | \$5,693   | \$5,700                               |
| <b>9C. Sealed source evaluation - commercial distribution</b> |  |   |                                       |
| Application - each source                                     | 11.3   | \$1,787   | \$1,800                               |

**DETERMINATION OF MATERIALS PART 170 FEES  
and Average Inspection Costs  
FY 2003**

FY2003 Materials Hourly Rate:  
**\$158**

| <u>Materials Part 170 Fee<br/>Category</u>   | <u>FY 2003<br/>Professional<br/>Process Time<br/>(Hours)</u> | <u>FY 2003 Fee/Cost<br/>(Professional Time<br/>x FY 2003 Hourly Rate)</u> | <u>FY 2003 Fee/Cost<br/>(Rounded)</u> |
|--|--|---|---------------------------------------|
| <b>9D. Sealed source evaluation - custom</b><br>Application - each source                          | 3 8  | \$601   | \$600                                 |
| <b>10. Transportation</b><br><b>10B. Evaluation - Part 71 QA program</b><br>Application - approval | 13 2   | \$2,088   | \$2,100                               |

**NOTES:**

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

# Gen Lic Registration Fee

**DETERMINATION OF GENERAL LICENSE REGISTRATION FEE**

**FY 2003**

NOTE: FTE and Contract Costs are based on FY 2003 budgeted costs  
FY 2003 FTE Rate:  
\$280,876

|   |             |
|---|-------------|
| FTE:  | 5.2         |
| Contract Costs:                               | \$389,000   |
| Total Costs (FTE * FTE Rate + Contract Costs) | \$1,849,557 |
| Number Registrants Subject to Fee             | 3000        |
| Fee   | \$617       |
| Registration Fee rounded                      | \$620       |



# Export and Import Fees

**DETERMINATION OF EXPORT AND IMPORT PART 170 FEES\*  
FY 2003**

FY2003 Materials Hourly Rate: **\$158**

| Export and Import Part 170 Fees<br>Category | FY 2003<br>Professional<br>Process Time<br>(Hours) | FY 2003 Fee<br>Professional Process<br>Time x FY 2003 Hourly Rate | FY 2003 Fee<br>(Rounded)** |
|---|--|---|----------------------------|
| <b>10 CFR 170.21, Category K</b>            |  |   |                            |
| <b>Subcategory</b>                          |  |   |                            |
| 1   | 65   | 10,280  | 10,300                     |
| 2   | 38   | 6,010   | 6,000                      |
| 3   | 12   | 1,898   | 1,900                      |
| 4   | 8  | 1,265   | 1,300                      |
| 5   | 1.5  | 237   | 240                        |
| <b>10 CFR 170.31, Category 15</b>           |  |   |                            |
| <b>Subcategory</b>                          |  |   |                            |
| A   | 65   | 10,280  | 10,300                     |
| B   | 38   | 6,010   | 6,000                      |
| C   | 12   | 1,898   | 1,900                      |
| D   | 8  | 1,265   | 1,300                      |
| E   | 1.5  | 237   | 240                        |

**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

September 20, 2002

MEMORANDUM TO: Jesse L. Funches  
Chief Financial Officer  
FROM: *Edward O. Baker*  
Janice Dunn Lee, Director  
Office of International Programs  
SUBJECT: BIENNIAL REVIEW OF FEES

→ *Chandeth*  
*9/30/02*  
*Copy to:*  
*Diane*  
*Standa*  
*Char*

This responds to your July 19, 2002, request.

Based on an analysis of FY 2001-2002 licensing data and interviews with licensing staff, we have concluded that changes are needed at this time in the schedule of fees for import-export licensing. The recommended changes appear below in Part 170.31, Category 15.A. and 15.B. Category 15.A. would be expanded to cover all categories of radioactive waste import license applications. Therefore, radioactive waste import license applications would be removed from Category 15.B.

The recommendation to revise the fee for all applications to import radioactive waste is based on review of the time required to process the application. In addition to review by the Executive Branch, OIP must coordinate with the Division of Waste Management, State and Tribal Programs, and all involved States and compacts. The processing time is more closely related to that required in Category 15.A., i.e., ~50 hours per application.

Part 170.21 Category K and 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, NSIR, 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: The provisions for waste import license applications should be expanded to cover all categories of waste (see revised language below).

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

About 7% 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.

---OCFO---

Recommendation: Waste import license applications for radioactive waste should be removed from Subcategory 15.B. and included in Subcategory 15.A.

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

About 57% 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. 12

Recommendation: No change.

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

About 5% 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. 8

Recommendation: No change.

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

About 25% of the cases were of this type, often involving minimal OIP effort (~1.5 hours/case). 1.5

Recommendation: No change.

The changes recommended above would be reflected in the fee schedule as follows:

Part 170.31 Category 15. "Import and Export Licenses"

1. Subcategories A. and B.

Licenses issued under part 110 of this chapter for the import and export only of special nuclear material, source material, tritium and other byproduct material, heavy water, or nuclear grade graphite.

- A. Application for export or import of high enriched uranium and other materials, including radioactive waste, which must be reviewed by the Commissioners and the Executive Branch, for example, those actions under 10 CFR 110.40(b). This category includes application for import of radioactive wastes.

|                              |         |
|------------------------------|---------|
| Application—new license..... | \$9,900 |
| Amendment.....               | \$9,900 |

- B. Application for export or import of special nuclear material, source material, tritium and other byproduct material, heavy water, or nuclear grade graphite, including radioactive waste, requiring Executive Branch review but not Commissioner review. This category includes application for the export of radioactive waste.

|                              |         |
|------------------------------|---------|
| Application—new license..... | \$5,800 |
| Amendment.....               | \$5,800 |

No other changes are recommended at this time.

# Reciprocity Fees

**DETERMINATION OF RECIPROCITY PART 170 FEES\*  
FY 2003**

**NOTES:**

The reciprocity application and revision fees are determined using FY 1995 data\*, and the FY 2003 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.

FY 2003 Hourly Rate: **\$158**

| Average Inspection costs:<br>Reciprocity Part 170 Fee<br>Category |           | Avg Inspection<br>Costs (Avg no<br>of hours for<br>insp. x hourly rate) | Total Amount     |
|---|-----------|---|------------------|
| <b>Gauge Users (3P)</b>   |           | \$2,400   |                  |
| Number of FY 1993 Inspections Conducted                           | 10        |   |                  |
| Number of FY 1994 Inspections Conducted                           | 19        |   |                  |
| Total   | 29        |   | \$69,600         |
| <b>Radiography (3O)</b>   |           | \$3,800   |                  |
| Number of FY 1993 Inspections Conducted                           | 7         |   |                  |
| Number of FY 1994 Inspections Conducted                           | 13        |   |                  |
| Total   | 20        |   | \$76,000         |
| <b>Well Logging (5A)</b>  |           | \$3,100   |                  |
| Number of FY 1993 Inspections Conducted                           | 2         |   |                  |
| Number of FY 1994 Inspections Conducted                           | 4         |   |                  |
| Total   | 6         |   | \$18,600         |
| <b>Other Services (3N)</b>  |           | \$2,600   |                  |
| Number of FY 1993 Inspections Conducted                           | 3         |   |                  |
| Number of FY 1994 Inspections Conducted                           | 6         |   |                  |
| Total   | 9         |   | \$23,400         |
| <b>GRAND TOTAL</b>  | <b>64</b> |   | <b>\$187,600</b> |

**Initial Applications (Form 241) Processed by All Regions**

|              |            |
|--------------|------------|
| FY 1993      | 176        |
| FY 1994      | 189        |
| <b>Total</b> | <b>365</b> |

Total Inspection Amount divided by Total Initial Applications **\$510**

**Average costs for processing initial filings of NRC Form 241:**

|                |              |
|----------------|--------------|
| Average hours* | 5.6          |
| Hourly rate    | \$158        |
|                | <b>\$886</b> |

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

|   |          |
|---|----------|
| Average staff hours for revisions (no change per NMSS*) | 1.3      |
| Current FY Hourly Rate                                  | \$158    |
| Average cost per revision                               | \$210    |
| No of revisions filed in FY 2000                        | 115      |
| Total Revision Costs for FY 2003                        | \$24,150 |
| No of initial NRC Forms 241 filed in FY 2000            | 174      |
| Average revision cost per initial NRC Form 241          | \$140    |

**APPLICATION FEE:**

|  |                |
|--|----------------|
| Amount for inspections                                 | \$510          |
| Amount for initial filing of NRC Form 241              | \$886          |
| Amount for revisions to initial filing of NRC Form 241 | <u>\$140</u>   |
| Total Application Fee                                  | \$1,536        |
| Application Fee Rounded                                | <b>\$1,500</b> |

\*see 02/22/2003 memorandum, Martin J. Virgilio to Jesse Funches

# Hourly Rate

**CALCULATION OF STRATEGY RATES:**

| STRATEGY  | Total<br>No. of FTE: | Total<br>\$&B(\$,K): | Strategy<br>Rate (\$) | FY2002       |                         | Total % change for |                         | Total % change for |      | Strategy<br>Rate (\$) |
|---|----------------------|----------------------|-----------------------|--------------|-------------------------|--------------------|-------------------------|--------------------|------|-----------------------|
|   |                      |                      |                       | No. of FTE:  | % change for<br>FY 2003 | \$&B(\$,K):        | % change for<br>FY 2003 |                    |      |                       |
| NUCLEAR REACTOR SAFETY                              | 1596                 | 184,886              | 116,063               | 1449         | 7.5%                    | 185,871            | 10.3%                   | 114,473            | 3.0% |                       |
| NUCLEAR MATERIAL SAFETY (Excl. NWF & General Fund)  | 364                  | 44,363               | 116,581               | 379          | 1.3%                    | 42,235             | 4.8%                    | 111,438            | 3.8% |                       |
| NWF & General Fund                                  | 0                    | 0                    | 0                     | 0            | 0.0%                    | 0                  | 0.0%                    | 0                  | 0.0% |                       |
| NUCLEAR WASTE SAFETY (Excl. NWF & General Fund)     | 206                  | 24,530               | 119,078               | 213          | -3.4%                   | 24,540             | -0.0%                   | 119,211            | 3.2% |                       |
| NWF & General Fund                                  | 99.0                 | 8,047                | 116,823               | 98.0         | 1.4%                    | 7,890              | 2.1%                    | 115,862            | 0.6% |                       |
| INTL. NUCLEAR SAFETY & SUPPORT (excl. General Fund) | 36                   | 4,544                | 119,632               | 37           | 2.8%                    | 4,415              | 2.8%                    | 119,324            | 0.3% |                       |
| General Fund  | 0                    | 0                    | 0                     | 0            | 0.0%                    | 0                  | 0.0%                    | 0                  | 0.0% |                       |
| MANAGEMENT AND SUPPORT                              | 802                  | 964,780              | 107,808               | 820          | -3.0%                   | 965,512            | -1.1%                   | 105,685            | 1.8% |                       |
| General Fund  | 0                    | 80                   | 0                     | 0            | 0.0%                    | 80                 | 0.0%                    | 0                  | 0.0% |                       |
| INSPECTOR GENERAL                                   | 64                   | 5,300                | 125,000               | 64           | 0.0%                    | 5,298              | 3.7%                    | 120,432            | 3.7% |                       |
| <b>TOTAL</b>  | <b>2,908</b>         | <b>336,872</b>       |                       | <b>2,810</b> | <b>3.4%</b>             | <b>315,752</b>     |                         |                    |      |                       |

**CALCULATION OF OVERHEAD:**

| STRATEGY  | \$,K           | Total<br>FTE | Strategy<br>Rate | Grand Total        | Overhead          | NWF<br>General Fund | Grand Total<br>Less Overhead<br>- NWF/Gen Fund | Surcharge Total<br>(Surcharge<br>FTE @ Rate-\$) | Percent<br>Surcharge | Overhead allocated to surcharge |           |                  | Remaining Overhead<br>(Overhead less allocation to surcharge) |                |                    |
|---|----------------|--------------|------------------|--------------------|-------------------|---------------------|--|---|----------------------|---------------------------------|-----------|------------------|---|----------------|--------------------|
|   |                |              |                  |                    |                   |                     |  |   |                      | PGM \$                          | FTE       | Total            | PGM \$  | FTE            | Total              |
| NUCLEAR REACTOR SAFETY                              | 88,708         | 1596         | 116,063          | 273,965,000        | 81,983,268        |                     | 211,811,714                                    | 1,178,529                                       | 0.66%                | 47,820                          | 2.51      | 344,816          | 8,571,080   | 448.48         | 81,636,670         |
| NUCLEAR MATERIAL SAFETY (Excl. NWF & General Fund)  | 15,884         | 364          | 116,581          | 80,285,938         | 15,848,688        |                     | 44,337,248                                     | 12,962,628                                      | 29.30%               | 609,232                         | 35.18     | 4,873,818        | 1,499,789   | 84.84          | 11,275,089         |
| NWF & General Fund                                  | 0              | 0            | 0                | 0                  | 0                 | 0                   | 0  | 0   | 0.00%                | 0                               | 0.00      | 0                | 0   | 0.00           | 0                  |
| NUCLEAR WASTE SAFETY (Excl. NWF & General Fund)     | 23,964         | 206          | 119,078          | 48,484,000         | 7,858,583         |                     | 40,835,417                                     | 7,377,404                                       | 18.18%               | 151,232                         | 10.71     | 1,426,734        | 881,768   | 48.29          | 6,431,848          |
| NWF & General Fund                                  | 18,853         | 99           | 116,823          | 24,800,000         |                   | 24,800,000          | 0  | 0   | 0.00%                | 0                               | 0.00      | 0                | 0   | 0.00           | 0                  |
| INTL. NUCLEAR SAFETY & SUPPORT (Excl. General Fund) | 705            | 36           | 119,632          | 5,251,000          | 1,857,864         |                     | 3,863,316                                      | 3,513,988                                       | 95.14%               | 457,630                         | 8.56      | 1,482,001        | 23,370  | 6.44           | 75,983             |
| General Fund  | 0              | 0.00         | 0                | 0                  | 0                 | 0                   | 0  | 0   | 0.00%                | 0                               | 0.00      | 0                | 0   | 0.00           | 0                  |
| MANAGEMENT AND SUPPORT                              | 100,897        | 802          | 107,808          | 185,877,000        | 0                 |                     | 185,877,000                                    | 267,218   | 0.16%                | 0                               | 0.00      | 0                | 100,482,000   | 580.00         | 162,894,825        |
| General Fund  | 0              | 0            | 0                | 0                  | 0                 | 0                   | 0  | 0   | 0.00%                | 0                               | 0.00      | 0                | 0   | 0.00           | 0                  |
| INSPECTOR GENERAL                                   | 1,300          | 44           | 125,000          | 6,800,000          | 0                 |                     | 6,800,000                                      | 0   | 0.00%                | 0                               | 0.00      | 0                | 1,300,000   | 44.00          | 6,800,000          |
| <b>TOTAL</b>  | <b>248,512</b> | <b>2908</b>  |                  | <b>585,002,938</b> | <b>87,348,240</b> | <b>24,800,000</b>   | <b>472,754,895</b>                             | <b>25,327,841</b>                               |                      | <b>1,266,014</b>                | <b>87</b> | <b>7,926,970</b> | <b>112,527,966</b>  | <b>1207.05</b> | <b>248,115,685</b> |
|   |                |              | NWF/Gen Fund     | 24,800,000         |                   |                     |  |   |                      |                                 |           |                  | -448,593  |                | 79,421,271         |

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

| Grand Total \$            |                    | fy2002:      |         | M&S/IG Allocation |              |             |         |             |
|---------------------------|--------------------|--------------|---------|-------------------|--------------|-------------|---------|-------------|
| MANAGEMENT AND SUPPORT    | 185,877,000        | Direct       | (%)     | M&S/IG Allocation |              |             |         |             |
| INSPECTOR GENERAL         | 6,800,000          | Reactors     | 89.85%  | 118,530,207       | Reactors     | 178,208,718 | 87.44%  | 106,853,004 |
| <b>Total</b>              | <b>192,677,000</b> | Materials    | 18.32%  | 31,065,855        | Materials    | 47,818,337  | 18.30%  | 28,997,050  |
| Less Reactor Direct M&S   | 2,152,159          | Surcharge    | 11.82%  | 20,068,563        | Surcharge    | 52,272,600  | 14.26%  | 22,801,981  |
| Less Materials Direct M&S | 0                  | <b>Total</b> | 100.00% | 189,894,825       | <b>Total</b> | 261,298,456 | 100.00% | 158,452,045 |
| Less M&S Direct PS \$     | 363,000            |              |         |                   |              |             |         |             |
| Less Surcharge Direct M&S | 267,216            |              |         |                   |              |             |         |             |
| <b>Total to Allocate</b>  | <b>189,894,825</b> |              |         |                   |              |             |         |             |





**MATERIALS**

|   | PGM \$,K | FTE    | CC rate                      | TOTAL               |
|---|----------|--------|------------------------------|---------------------|
| <b>NUCLEAR REACTOR SAFETY</b>                     |          |        |                              |                     |
| DIRECT  | \$166    | 4.67   | \$118,063                    | \$551,754           |
| O/H   |          |        |                              | \$260,141           |
| SURCHARGE   |          |        |                              |                     |
| <b>NUCLEAR MATERIAL SAFETY</b>                    |          |        |                              |                     |
| DIRECT  | \$6,961  | 183.12 | \$115,581                    | \$21,165,112        |
| O/H   |          |        |                              | \$10,713,929        |
| SURCHARGE   |          |        |                              |                     |
| <b>NUCLEAR WASTE SAFETY</b>                       |          |        |                              |                     |
| DIRECT  | \$18,910 | 104.86 | \$119,078                    | \$12,486,578        |
| O/H   |          |        |                              | \$6,094,740         |
| SURCHARGE   |          |        |                              |                     |
| <b>INTERNATIONAL NUCLEAR SAFETY &amp; SUPPORT</b> |          |        |                              |                     |
| DIRECT  | \$0      | 1.50   | \$119,632                    | \$179,447           |
| O/H   |          |        |                              | \$75,683            |
| SURCHARGE   |          |        |                              |                     |
| Subtotal  | \$26,037 | 294.15 |                              | \$51,527,384        |
| =====   |          |        |                              |                     |
| <b>MANAGEMENT AND SUPPORT</b>                     |          |        |                              |                     |
| DIRECT  | \$0      | 0.00   | \$107,608                    | \$0                 |
| O/H   |          |        |                              | \$0                 |
| SURCHARGE   |          |        |                              |                     |
| <b>INSPECTOR GENERAL</b>                          |          |        |                              |                     |
| DIRECT  | \$0      | 0.00   | \$125,000                    | \$0                 |
| O/H   |          |        |                              | \$0                 |
| SURCHARGE   |          |        |                              |                     |
| Total Direct M&S                                  | \$0      | 0      |                              | \$0                 |
| Total Materials Direct & overhead                 | \$26,037 | 294.15 |                              | \$51,527,384        |
| Total Allocated M&S                               |          |        |                              | \$31,095,855        |
| Total   | \$26,037 | 294.15 |                              | \$82,623,238        |
|   |          |        | Less Offsetting Receipts     | \$2,375             |
|   |          |        | <b>MATERIALS GRAND TOTAL</b> | <b>\$82,620,863</b> |

**MATERIALS FTE RATE:**  
**MATERIALS HOURLY RATE:**

**\$280,876** (Materials Grand Total/Materials total FTE)  
**\$158** (Materials FTE Rate/1776 hours)

Summary:

|                                    | <u>Reactors</u>      | <u>Materials</u>    | <u>Surcharge</u>    | <u>Direct PS \$</u> | <u>Off Fee Base</u> | <u>TOTAL</u>       |
|------------------------------------|----------------------|---------------------|---------------------|---------------------|---------------------|--------------------|
| Direct Program Salary and Benefits | \$134,133,692        | \$34,382,891        | \$25,327,641        |                     |                     | 193,844,223        |
| Overhead                           | \$62,276,778         | \$17,144,493        | \$7,926,970         |                     |                     | 87,348,240         |
| Allocated M&S/IG                   | <u>\$118,530,207</u> | <u>\$31,095,855</u> | <u>\$20,068,563</u> |                     |                     | <u>169,694,625</u> |
| TOTAL                              | \$314,940,676        | \$82,623,238        | \$53,323,173        | 109,215,847         | 24,900,000          | <u>585,002,936</u> |
| Less offsetting receipts           | <u>\$87,800</u>      | <u>\$2,375</u>      | <u>\$1,625</u>      |                     |                     |                    |
| GRAND TOTAL                        | \$314,852,876        | \$82,620,863        | \$53,321,548        |                     |                     |                    |

# Estimated Collections

FY 2003

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

Part 171 Annual Fees

|   |              |
|---|--------------|
| Operating Power Reactors  | \$308.8      |
| Spent Fuel Storage/Reactor Decommissioning                            | 37.3         |
| Nonpower Reactors   | .3           |
| Fuel Facilities   | 27.0         |
| Uranium Recovery (billed amt. less subsidy for small entity)          | 1.5          |
| Rare Earth Facilities   | .4           |
| Transportation (billed amt. less subsidy for small entity)            | 3.9          |
| Materials Users (billed amt. less subsidy for small entity)           | <u>20.5</u>  |
| Subtotal Part 171   | \$399.7      |
| Part 170 License and Inspection Fees                                  | <u>124.6</u> |
| Subtotal Parts 171 and 170 Fees                                       | \$524.3      |
| Other Offsetting Receipts   | .1           |
| Carryover from Previous FY  | 0            |
| Net Adjustment  | <u>1.9</u>   |
| TOTAL ESTIMATED COLLECTIONS   | \$526.3      |
| NWF Appropriation   | 24.7         |
| 6 percent of budget (reduction in fee recovery amount<br>For FY 2003) | <u>33.6</u>  |
| Total Budget Authority  | \$584.6      |



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

M1030650210

February 10, 2003

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 2003 COLLECTIONS - 10 CFR 170

The following is our estimate of collections for FY 2003.

| <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           | 2.0              |                   | 2.0          |
| Topicals                  | 1.5              |                   | 1.5          |
| Part 50 Amendments        | 41.0             |                   | 41.0         |
| Part 50 Inspections       | -                | 58.0              | 58.0         |
| Decommissioning           | <u>1.0</u>       | <u>1.0</u>        | <u>\$2.0</u> |
|                           | \$49.3           | \$59.0            | \$108.3      |
| 2. Research Reactors      | <u>.05</u>       | <u>-</u>          | <u>.05</u>   |
| Total Facilities          | \$49.35          | \$59.0            | \$108.35     |

| <u>Materials Program</u> | <u>Licensing</u> | <u>Inspection</u> | <u>Total</u> |
|--------------------------|------------------|-------------------|--------------|
| 1. Fuel Facilities       | \$5.0            | \$2.9             | \$7.9        |
| 2. Spent Fuel Storage    | 3.2              | .4                | 3.6          |
| 3. Transportation        | 1.2*             | -                 | 1.2          |
| 4. Uranium Recovery      | 1.6              | .3                | 1.9          |
| 5. Rare Earth Facilities | .4               | .1                | .5           |
| 6. Materials Program     | .7               | -                 | .7           |
| Total Materials          | _____            | _____             | _____        |
|                          | \$12.1*          | \$3.7             | \$15.8       |
| <u>Other</u>             |                  |                   |              |
| 1. Export/Import         | _____.46         | _____-            | _____.46     |
| Total Materials          | \$12.56          | \$3.7             | \$16.26      |
| Grand Total              | \$61.91          | \$62.7            | \$124.61     |

\_\_\_\_\_  
\*Includes .1 estimate for transportation route approvals

# Reg Flex Analysis



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

APPENDIX A TO THIS PROPOSED RULE --  
DRAFT 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 2.810). These size standards were established on the basis of 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 proposed 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 by 2 percent per year beginning in FY 2001, until the fee recovery amount is 90 percent in FY 2005. The amount to be recovered for FY 2003 is approximately \$526.3 million.

OBRA-90 requires that the schedule of charges established by rule should fairly and equitably allocate the total amount to be recovered from the 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 FY 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 licenses, 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 licenses 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 is a substantial change in the total NRC budget or the magnitude of the budget allocated to a specific class of licenses, in which case the annual fee base would be reestablished.

Based on the change in the magnitude of the budget to be recovered through fees, the Commission has determined that it is appropriate to rebaseline its part 171 annual fees again in FY 2003. Rebaselining fees would result in increased annual fees for a majority of the categories of licenses, decreased annual fees for other categories (including many materials licensees), and no change for one category.

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 2003 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 final 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 24 percent of these licensees (approximately 1,200 licensees for FY 2002) have requested small entity certification in the past. A 1993 NRC survey of its materials licensees indicated that about 25 percent of these licensees could qualify as small entities under the NRC's size standards.

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.

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.

Approximately 3,000 license, approval, and registration terminations have been requested since the NRC first established annual fees for materials licenses. 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, in developing each of its fee rules since FY 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 FY 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 FY 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 FY 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, the maximum small entity annual fee 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.

The NRC examined the small entity fees again in FY 2001 (66 FR 32452; June 14, 2001), and determined that a change was not warranted to the small entity fees established in FY 2000. The NRC stated in the Regulatory Flexibility Analysis for the FY 2001 final fee rule that it would 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.



Accordingly, the NRC has re-examined the small entity fees for FY 2003, and does not believe that a change to the small entity fees is warranted 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. Instead, the reduced fees for small entities are designed to provide some fee relief for qualifying small entity licensees while at the same time recovering from them some of the agency's costs for activities that benefit them. The costs not recovered from small entities for activities that benefit them must be recovered from other licensees. Given the reduction in annual fees and the relative low inflation rates, the NRC has determined that the current small entity fees of \$500 and \$2,300 continue to meet the objective of providing relief to many small entities while recovering from them some of the costs that benefit them.

Therefore, the NRC is proposing to retain the \$2,300 small entity annual fee and the \$500 lower tier small entity annual fee for FY 2003. The NRC plans to re-examine the small entity fees again in FY 2005.

#### 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 94 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 previously established remain valid for FY 2003.

# Small Entity Compl. Guide

U. S. Nuclear Regulatory Commission  
Small Entity Compliance Guide  
Fiscal Year 2003

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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 guide has been prepared to assist NRC material licensees in complying with the FY 2003 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 2003 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. This form can be accessed on the NRC's website at <http://www.nrc.gov>. The form can then be accessed by selecting "License Fees" and under "Forms" selecting NRC Form 526. For licensees who cannot access the NRC's website, NRC Form 526 may be obtained 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](mailto: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 organizations*--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.<sup>1</sup>

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<sup>1</sup> 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.

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's regulations (13 CFR Part 121).

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:

Maximum Annual Fee

Per Licensed

Category

Small Business Not Engaged



in Manufacturing and Small  
Not-For Profit Organizations  
(Gross Annual Receipts)

|                          |         |
|--------------------------|---------|
| \$350,000 to \$5 million | \$2,300 |
| Less than \$350,000      | \$500   |

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. Licensees can access this form on the NRC's website at <http://www.nrc.gov>. The form can then be accessed by selecting "License Fees" 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 can 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. For licensees who cannot access the NRC's website, NRC Form 526 may be obtained 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](mailto: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](mailto: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.