



GE Lighting

1975 Noble Road
Building 315
East Cleveland, OH 44112
USA

Document Control Desk, Exempt Distribution
Office of Nuclear Material Safety and Safeguards,
U.S. Nuclear Regulatory Commission,
Washington, DC 20555-0001.

January 10, 2014

Re: Annual Byproduct Transfer Report
License #16-17316-01E

To Whom It May Concern:

Pursuant to 10 CFR 32.16, I am enclosing the annual byproduct transfer report for GE Lighting. Please note that during 2013, no products were transferred containing tritium or promethium 147.

If there are any questions please contact me at 216-266-2507 or seth.sedgwick@ge.com.

Best regards,

Seth Sedgwick
Global Industrial Hygienist
GE Lighting

FSME03

GE Lighting Kr-85 Lamp Transfers- 2013

License # 16-17316-01E

| Product Code | Quantity Transferred (pcs) | Total Kr-85 Activity Transferred per Product Code (Bq) |
|--------------|----------------------------|--|
| 10202 | 1,604 | 10,232,845 |
| 10361 | 68,442 | 141,606,498 |
| 10364 | 5,623 | 11,633,987 |
| 10744 | 1,308 | 7,348,344 |
| 11649 | 1,336 | 4,213,343 |
| 12377 | 49,536 | 214,045,056 |
| 12381 | 120,109 | 326,336,153 |
| 12577 | 12,981 | 56,090,901 |
| 12579 | 32,975 | 89,593,075 |
| 12598 | 141,658 | 782,093,818 |
| 12604 | 3,637 | 20,079,877 |
| 12762 | 4,127 | 35,863,630 |
| 12769 | 109 | 947,210 |
| 12770 | 9,207 | 35,984,348 |
| 12772 | 176 | 687,873 |
| 13481 | 18,994 | 34,474,110 |
| 13490 | 1,032 | 1,873,080 |
| 15378 | 5,281 | 42,802,505 |
| 15380 | 197 | 303,380 |
| 16920 | 32 | 143,936 |
| 16958 | 93 | 163,916 |
| 17259 | 2,246 | 10,601,120 |
| 17260 | 3,181 | 15,014,320 |
| 17264 | 408 | 1,689,120 |
| 17267 | 1,405 | 5,816,700 |
| 19609 | 3,056 | 9,670,631 |
| 20016 | 109,585 | 50,628,270 |
| 20017 | 20,003 | 35,265,289 |
| 20018 | 5,446 | 9,601,298 |
| 20023 | 9,898 | 4,572,876 |
| 20035 | 357 | 3,320,100 |
| 20036 | 1,806 | 16,795,800 |
| 20153 | 109,606 | 37,485,252 |
| 21849 | 43 | 378,486 |
| 21853 | 952 | 2,084,880 |
| 22119 | 23,210 | 12,138,830 |
| 22124 | 2,249 | 1,176,227 |
| 22127 | 19,211 | 13,793,498 |
| 22137 | 2,110 | 1,514,980 |

| Product Code | Quantity Transferred (pcs) | Total Kr-85 Activity Transferred per Product Code (Bq) |
|---------------------|-----------------------------------|---|
| 22152 | 24,742 | 12,940,066 |
| 22159 | 33,219 | 17,366,893 |
| 22494 | 6,941 | 60,386,700 |
| 22495 | 1,030 | 8,986,750 |
| 22935 | 57,681 | 318,456,801 |
| 22936 | 3,486 | 19,246,206 |
| 26851 | 4,188 | 16,368,247 |
| 27817 | 774 | 1,506,978 |
| 29485 | 12,129 | 1,245,309 |
| 29486 | 8,862 | 909,879 |
| 29487 | 186 | 19,097 |
| 29488 | 202 | 20,740 |
| 29489 | 5,408 | 557,024 |
| 29696 | 4,707 | 1,610,924 |
| 29698 | 2,073 | 709,464 |
| 29701 | 3,529 | 1,630,483 |
| 29703 | 4,366 | 448,266 |
| 31065 | 2,247 | 3,960,418 |
| 31066 | 2,040 | 3,595,573 |
| 31067 | 5,383 | 9,487,731 |
| 31068 | 332 | 585,162 |
| 31069 | 6,599 | 3,048,896 |
| 31070 | 6,880 | 3,178,725 |
| 31073 | 2,438 | 1,126,415 |
| 31074 | 780 | 360,379 |
| 34530 | 422 | 136,728 |
| 34535 | 289 | 180,625 |
| 34536 | 121 | 39,204 |
| 34813 | 63 | 117,340 |
| 41357 | 1,311 | 4,785,150 |
| 41361 | 12 | 69,840 |
| 42066 | 44,823 | 13,088,316 |
| 42067 | 67,348 | 19,665,616 |
| 42068 | 29,970 | 8,751,240 |
| 42069 | 10,422 | 3,043,224 |
| 45066 | 25,872 | 7,551,287 |
| 45231 | 1 | 5,500 |
| 45234 | 10 | 25,000 |
| 45238 | 11 | 24,090 |
| 45666 | 4,026 | 12,740,171 |
| 45669 | 170 | 537,961 |
| 45670 | 19,058 | 39,431,002 |
| 45671 | 5,465 | 11,307,085 |

| Product Code | Quantity Transferred (pcs) | Total Kr-85 Activity Transferred per Product Code (Bq) |
|---------------------|-----------------------------------|---|
| 45675 | 4,827 | 2,064,991 |
| 45677 | 20,537 | 8,785,729 |
| 45679 | 2,390 | 1,022,442 |
| 45680 | 7,884 | 6,261,630 |
| 45681 | 33,935 | 26,951,856 |
| 45682 | 4,860 | 3,859,909 |
| 45683 | 34,850 | 192,406,850 |
| 45688 | 4,608 | 25,440,768 |
| 46271 | 11,800 | 65,547,451 |
| 46272 | 750 | 4,166,152 |
| 46273 | 28,742 | 159,658,036 |
| 46274 | 3,322 | 18,453,274 |
| 46275 | 5,786 | 18,309,644 |
| 46276 | 1,374 | 4,347,987 |
| 46632 | 1,234 | 6,854,708 |
| 48429 | 2,120 | 5,109,200 |
| 48432 | 325 | 783,250 |
| 48824 | 1,174 | 7,489,626 |
| 48825 | 950 | 6,060,600 |
| 49490 | 208 | 1,934,400 |
| 49491 | 81 | 656,505 |
| 49911 | 3,083 | 28,671,900 |
| 61325 | 810 | 8,091,900 |
| 61326 | 1,366 | 3,782,727 |
| 70979 | 730 | 6,369,250 |
| 71484 | 26,983 | 9,234,662 |
| 71487 | 4,073 | 1,393,944 |
| 71488 | 8,059 | 2,758,112 |
| 71489 | 26,580 | 9,096,739 |
| 71490 | 4,851 | 1,660,206 |
| 71491 | 345 | 118,073 |
| 71492 | 1,810 | 619,454 |
| 71493 | 373 | 127,656 |
| 72882 | 5,489 | 21,196,496 |
| 72884 | 8,091 | 31,244,461 |
| 72885 | 13,965 | 85,174,737 |
| 72886 | 6,148 | 37,497,623 |
| 73056 | 5,245 | 2,601,520 |
| 73057 | 612 | 303,552 |
| 74412 | 2,892 | 13,008,216 |
| 76160 | 8 | 16,072 |
| 76224 | 8,954 | 919,325 |
| 76225 | 63,982 | 6,569,160 |

| Product Code | Quantity Transferred (pcs) | Total Kr-85 Activity Transferred per Product Code (Bq) |
|-----------------------------------|----------------------------|--|
| 76226 | 6,910 | 709,464 |
| 78718 | 8 | 29,200 |
| 85086 | 127,789 | 13,120,352 |
| 85101 | 31,364 | 3,220,205 |
| 85110 | 65,434 | 6,718,240 |
| 88654 | 861 | 708,173 |
| 88655 | 2,326 | 1,913,135 |
| 90352 | 59,064 | 20,214,063 |
| 92585 | 29,017 | 13,406,550 |
| 92587 | 3,425 | 2,719,450 |
| 92588 | 1,603 | 1,272,782 |
| 92589 | 984 | 1,702,123 |
| 92590 | 255 | 441,099 |
| 92696 | 29,058 | 2,983,443 |
| 93295 | 10,266 | 95,473,800 |
| 93357 | 3,795 | 9,145,950 |
| 96526 | 633 | 216,486 |
| 96527 | 1,888 | 645,696 |
| 96528 | 176 | 60,192 |
| 96529 | 189 | 64,638 |
| 96530 | 1,209 | 413,478 |
| 96800 | 3,468 | 33,639,600 |
| 97638 | 6,515 | 603,350 |
| | | |
| Total Activity Transferred | | 3,703,360,326 Bq |
| | | 0.100102 Ci |