

DOE/NRC FORM 741  
(4-1999) Previous editions are obsolete  
MANDATORY DATA COLLECTION  
AUTHORIZED BY 10 CFR 30, 40, 50, 70, 150, Public  
Laws 83-703, 93-438, 95-91

U.S. DEPARTMENT OF ENERGY  
AND  
U.S. NUCLEAR REGULATORY COMMISSION

NUCLEAR MATERIAL TRANSACTION REPORT

DRAFT

|                  |  |                   |  |                    |  |                  |  |                    |          |                |  |   |  |    |       |      |    |                |  |
|------------------|--|-------------------|--|--------------------|--|------------------|--|--------------------|----------|----------------|--|---|--|----|-------|------|----|----------------|--|
| 1. SHIPPER'S RIS |  | 2. RECIEVER'S RIS |  | 3. TRANSACTION NO. |  | 4. CORRECTION NO |  | 5. PROCESSING CODE |          | 7. ACTION CODE |  | DOCUMENTATION (Only if document is classified SECRET) |  |    |       |      |    |                |  |
|                  |  |                   |  |                    |  |                  |  | SHIPPER            | RECEIVER |                |  | PAGE  |  | OF | PAGES | COPY | OF | COPIES, SERIES |  |

|  |  |                |  |                                      |  |                |  |   |  |   |  |                              |  |                        |  |                              |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|--|--|----------------|--|--------------------------------------|--|----------------|--|---|--|---|--|------------------------------|--|------------------------|--|------------------------------|--|--|--|--|--|--|--|----------------------|--|--|--|--|--|--|--|---------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-----------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 9 A. NAME AND ADRESS<br>OF SHIPPER                         |  | B. LICENSE NO. |  | 10 A. NAME AND ADRESS<br>OF RECEIVER |  | B. LICENSE NO. |  | 11. NO. OF DATA LINES                       |  | 12. NATURE OF TRANSACTION               |  | NO.                          |  | DISTRIBUTION OF COPIES |  |                              |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| C. ATTENTION<br>D. TELEPHONE                               |  |                |  | C. ATTENTION<br>D. TELEPHONE         |  |                |  | 13. A. SHIPPED FOR ACCOUNT OF               |  | B. RIS                                  |  | 14. A. SHIPPED TO ACCOUNT OF |  | B. RIS                 |  | 1                            |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |                |  |                                      |  |                |  |   |  |   |  |                              |  |                        |  | 2                            |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |                |  |                                      |  |                |  |   |  |   |  |                              |  |                        |  | 3                            |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |                |  |                                      |  |                |  |   |  |   |  |                              |  |                        |  | 4                            |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |                |  |                                      |  |                |  |   |  |   |  |                              |  |                        |  | 5                            |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |                |  |                                      |  |                |  |   |  |   |  |                              |  |                        |  | 6                            |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 15. TRANSFER AUTHORITY-CONTRACT, NM DRAFT, OR ORDER NUMBER |  |                |  |                                      |  |                |  | 16. EXPORT OR IMPORT TRANSFERS: LICENSE NO. |  |   |  |                              |  |                        |  | 7                            |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 17. MATERIAL TYPE AND DESCRIPTION                          |  |                |  |                                      |  |                |  | 26. LINE<br>NUMBER                          |  |   |  |                              |  |                        |  | 27. COUNTRY<br>OF OBLIGATION |  |  |  |  |  |  |  | 28. MATERIAL<br>TYPE |  |  |  |  |  |  |  | 29. OBLIGATED ELEMENT<br>WEIGHT |  |  |  |  |  |  |  | 30. OBLIGATED ISOTOPE<br>WEIGHT<br>For Enriched Uranium Only |  |  |  |  |  |  |  | 20. ACTION DATE |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |                |  |                                      |  |                |  |   |  |   |  |                              |  |                        |  |                              |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |                |  |                                      |  |                |  |   |  |   |  |                              |  |                        |  |                              |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |                |  |                                      |  |                |  |   |  |   |  |                              |  |                        |  |                              |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 21. MISCELLANEOUS  |  |                |  |                                      |  |                |  | B. CONCISE NOTE<br>ATTACHED                 |  |   |  |                              |  |                        |  | YES                          |  |  |  |  |  |  |  | NO                   |  |  |  |  |  |  |  | C. RECEIPT                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |                |  |                                      |  |                |  |   |  |   |  |                              |  |                        |  |                              |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |                |  |                                      |  |                |  |   |  |   |  |                              |  |                        |  |                              |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |                |  |                                      |  |                |  |   |  |   |  |                              |  |                        |  |                              |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |                |  |                                      |  |                |  | C. CONCISE NOTE<br>ATTACHED                 |  |   |  |                              |  |                        |  | YES                          |  |  |  |  |  |  |  | NO                   |  |  |  |  |  |  |  | D. RECEIVER'S MEASUREMENT       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |                |  |                                      |  |                |  |   |  |   |  |                              |  |                        |  |                              |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |                |  |                                      |  |                |  |   |  |   |  |                              |  |                        |  |                              |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |                |  |                                      |  |                |  |   |  |   |  |                              |  |                        |  |                              |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |                |  |                                      |  |                |  | UK REPORTABLE?                              |  |   |  |                              |  |                        |  | YES                          |  |  |  |  |  |  |  | NO                   |  |  |  |  |  |  |  | E. RECEIVER'S CORRECTION        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |                |  |                                      |  |                |  |   |  |   |  |                              |  |                        |  |                              |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |                |  |                                      |  |                |  |   |  |   |  |                              |  |                        |  |                              |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |                |  |                                      |  |                |  |   |  |   |  |                              |  |                        |  |                              |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 22. TOTAL GROSS WEIGHT                                     |  |                |  |                                      |  |                |  |   |  | 23. TOTAL VOLUME (WASTE TRANSFERS ONLY) |  |                              |  |                        |  |                              |  |  |  |  |  |  |  |                      |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

|  |            |                               |                                     |                 |                |                      |                            |               |                    |   |          |                 |              |            |                   |                              |                     |                   |                              |
|--|------------|-------------------------------|-------------------------------------|-----------------|----------------|----------------------|----------------------------|---------------|--------------------|---|----------|-----------------|--------------|------------|-------------------|------------------------------|---------------------|-------------------|------------------------------|
| BACK<br>REFERENCE  | LINE<br>NO | TYPE<br>OF INV.<br>CHANG<br>- | IDENTIFICATION<br>(ITEM/BATCH NAME) | NO. OF<br>ITEMS | PROJECT NUMBER | MATE<br>RIAL<br>TYPE | COMP/<br>FACILIT<br>Y CODE | OWNER<br>CODE | KEY<br>MEAS<br>PT. | MEAS. IDENT.  |          |                 | GROSS WEIGHT | NET WEIGHT | ELEMENT<br>WEIGHT | ELEMENT<br>LIMIT OF<br>ERROR | WEIGHT %<br>ISOTOPE | ISOTOPE<br>WEIGHT | ISOTOPE<br>LIMIT OF<br>ERROR |
|  |            |                               |                                     |                 |                |                      |                            |               |                    | 1<br>BASIS  | 2<br>OMP | 3<br>METHO<br>D |              |            |                   |                              |                     |                   |                              |
| A  | B          | C                             | D                                   | E               | F              | G                    | H                          | I             | J                  |   |          |                 | L            | M          | N                 | O                            | P                   | Q                 | R                            |
| 24. SHIPPER'S DATA   |            |                               |                                     |                 |                |                      |                            |               |                    |   |          |                 |              |            |                   |                              |                     |                   |                              |
|  |            |                               |                                     |                 |                |                      |                            |               |                    |   |          |                 |              |            |                   |                              |                     |                   |                              |
|  |            |                               |                                     |                 |                |                      |                            |               |                    |   |          |                 |              |            |                   |                              |                     |                   |                              |
|  |            |                               |                                     |                 |                |                      |                            |               |                    |   |          |                 |              |            |                   |                              |                     |                   |                              |
|  |            |                               |                                     |                 |                |                      |                            |               |                    |   |          |                 |              |            |                   |                              |                     |                   |                              |
|  |            |                               |                                     |                 |                |                      |                            |               |                    |   |          |                 |              |            |                   |                              |                     |                   |                              |
|  |            |                               |                                     |                 |                |                      |                            |               |                    |   |          |                 |              |            |                   |                              |                     |                   |                              |
|  |            |                               |                                     |                 |                |                      |                            |               |                    |   |          |                 |              |            |                   |                              |                     |                   |                              |
|  |            |                               |                                     |                 |                |                      |                            |               |                    |   |          |                 |              |            |                   |                              |                     |                   |                              |
|  |            |                               |                                     |                 |                |                      |                            |               |                    |   |          |                 |              |            |                   |                              |                     |                   |                              |
| 24. SHIPPER'S DATA S. SIGNATURE OF AUTHORIZED OFFICIAL AND DATE SIGNED |            |                               |                                     |                 |                |                      |                            |               |                    | 25. RECEIVER'S DATA S. SIGNATURE OF AUTHORIZED OFFICIAL AND DATE SIGNED |          |                 |              |            |                   |                              |                     |                   |                              |
| 25. RECEIVER'S DATA  |            |                               |                                     |                 |                |                      |                            |               |                    |   |          |                 |              |            |                   |                              |                     |                   |                              |
|  |            |                               |                                     |                 |                |                      |                            |               |                    |   |          |                 |              |            |                   |                              |                     |                   |                              |
|  |            |                               |                                     |                 |                |                      |                            |               |                    |   |          |                 |              |            |                   |                              |                     |                   |                              |
|  |            |                               |                                     |                 |                |                      |                            |               |                    |   |          |                 |              |            |                   |                              |                     |                   |                              |
|  |            |                               |                                     |                 |                |                      |                            |               |                    |   |          |                 |              |            |                   |                              |                     |                   |                              |
|  |            |                               |                                     |                 |                |                      |                            |               |                    |   |          |                 |              |            |                   |                              |                     |                   |                              |
|  |            |                               |                                     |                 |                |                      |                            |               |                    |   |          |                 |              |            |                   |                              |                     |                   |                              |
|  |            |                               |                                     |                 |                |                      |                            |               |                    |   |          |                 |              |            |                   |                              |                     |                   |                              |
|  |            |                               |                                     |                 |                |                      |                            |               |                    |   |          |                 |              |            |                   |                              |                     |                   |                              |
|  |            |                               |                                     |                 |                |                      |                            |               |                    |   |          |                 |              |            |                   |                              |                     |                   |                              |

WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECTS. 18 U.S.C. SECTION 1001 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.