1. General physical form (see attached list)
Other scrap metals.
[X] other (specify)
1,2,4,5,6,7,8,11,13,14,16,17,21,22,23,24,31,41,42,43,44.

2. Details on physical form(particularly confinement related)
To first approximations, all radioactivity is on the surface.

3. Chemical form:
1.0E+5 to 1.0E+6 individual items, generally in an oxidized state.

4. Inner packaging: [ ] plastic bag [X] plastic liner [ ] metal liner [ ] none [ ] other (specify)

5. Waste container type (see attached list)
Cardboard box*.

6. Other characteristics of interest:
None.

7. Comments (specify number of pertinent question):
4. To first approximation, all radioactive materials face one or more plastic barriers. This is especially true for small items and "hot" items. Large bulky materials face less barriers, but offer low surface area and intrinsic self-containment.
5. BLF, BLM, BLX, BXW, I, and "Other". Containers included 4392 BXC, 695 BLF, 231 BLM, 1737 BLX, 819 BXW, 3 I, and 535; for a total of 8412. "Other" is according to RWMIS. Additional description of "Other" may be present in shipping manifests.

For each contaminant, complete at least one line on the following table. If any entries for that contaminant vary by year, fill out additional lines as needed to cover the varying entries for different years. For example, if the annual quantity disposed was x kg for 1952-56 and y kg for 1956-84, use two lines to handle this situation.

Contaminant & CAS Registry Number	Physical Form	Chemical Form	(A)nnual/(T)otal Quantity	Unit	Begin Year	End Year	Samples?	Minimum Value/#Samp	Maximum Value/STD	Basis for Uncertainty
7439-97-6 Mercury	Unknown.	Metallic.	Unknown.	GM	1962	1962	N			
7439-92-1 Lead	Unknown.	Metallic.	Unknown.	GM	1960	1984	N			

* If sample data are available, mark Y in the column titled "Samples?" and provide number of samples in the next column and standard deviation in the next column. If not, mark N and give the minimum value and maximum value.

Additional information or explanations (indicate pertinent contaminant)

Some mercury in canned mud in a 120 cubic foot container. Amount of mud or mercury unknown.

For each contaminant, complete at least one line on the following table. If any entries for that contaminant vary by year, fill out additional lines as needed to cover the varying entries for different years. For example, if the annual quantity disposed was x kg for 1952-56 and y kg for 1956-84, use two lines to handle this situation.

Radionuclide	Physical Form	Chemical Form	(A)nnual/(T)otal Quantity	Unit	Begin Year	End Year	Samples?	Minimum Value/#Samp	Maximum Value/STD	Basis for Uncertainty
C-14	Numerous physical forms in 37 different shipments.	Unknown.	T .00000160000000	CI	1967	1967	N			
Co-60	Numerous physical forms in 37 different shipments.	Unknown.	T 7.2700000000000	CI	1967	1967	N			
Ni-59	Numerous physical forms in 37 different shipments.	Unknown.	T .02910000000000	CI	1967	1967	N			
Cs-137	Numerous physical forms in 37 different shipments.	Unknown.	T 2.6200000000000	CI	1967	1967	N			
H-3	Numerous physical forms in 37 different shipments.	Unknown.	T 3.4900000000000	CI	1967	1967	N			
I-129	Numerous physical forms in 37 different shipments.	Unknown.	Unknown.	CI	1967	1967	N			
Sr-90	Numerous physical forms in 37 different shipments.	Unknown.	T 1.1600000000000	CI	1967	1967	N			
Tc-99	Numerous physical forms in 37 different shipments.	Unknown.	T .00000018200000	CI	1967	1967	N			
Cr-51	Numerous physical forms in 32 different shipments.	Unknown.	T 7.5000000000000	CI	1968	1968	N			

* If sample data are available, mark Y in the column titled "Samples?" and provide number of samples in the next column and standard deviation in the next column. If not, mark N and give the minimum value and maximum value.

Additional information or explanations (indicate pertinent contaminant)

Curies of unidentified beta and gamma as well as MAP and MFP were interpreted into isotopic proportions in the following manner: base proportions were taken as those from a TAN questionnaire (Plansky and Hoiland, 1992) plus current INEL practices; proportions for additive nuclides were taken for Class C candidate nuclides, except those which could be discounted on a scientific basis, according to 5 year averages of TRA/NRF waste shipments to RWMC.

For each contaminant, complete at least one line on the following table. If any entries for that contaminant vary by year, fill out additional lines as needed to cover the varying entries for different years. For example, if the annual quantity disposed was x kg for 1952-56 and y kg for 1956-84, use two lines to handle this situation.

Radionuclide	Physical Form	Chemical Form	(A)nnual/(T)otal Quantity	Unit	Begin Year	End Year	Samples?	Minimum Value/#Samp	Maximum Value/STD	Basis for Uncertainty
Fe-59	Numerous physical forms in 32 different shipments.	Unknown.	T 7.5000000000000	CI	1968	1968	N			
C-14	Numerous physical forms in 32 different shipments.	Unknown.	T .00000111000000	CI	1968	1968	N			
Co-60	Numerous physical forms in 32 different shipments.	Unknown.	T 5.0400000000000	CI	1968	1968	N			
Ni-59	Numerous physical forms in 32 different shipments.	Unknown.	T .02020000000000	CI	1968	1968	N			
Cs-137	Numerous physical forms in 32 different shipments.	Unknown.	T .77900000000000	CI	1968	1968	N			
H-3	Numerous physical forms in 32 different shipments.	Unknown.	T 1.0400000000000	CI	1968	1968	N			
I-129	Numerous physical forms in 32 different shipments.	Unknown.	Unknown.	CI	1968	1968	N			
Sr-90	Numerous physical forms in 32 different shipments.	Unknown.	T .34600000000000	CI	1968	1968	N			
Tc-99	Numerous physical forms in 32 different shipments.	Unknown.	T .00000005410000	CI	1968	1968	N			

* If sample data are available, mark Y in the column titled "Samples?" and provide number of samples in the next column and standard deviation in the next column. If not, mark N and give the minimum value and maximum value.

Additional information or explanations (indicate pertinent contaminant)

Curies of unidentified beta and gamma as well as MAP and MFP were interpreted into isotopic proportions in the following manner: base proportions were taken as those from a TAN questionnaire (Plansky and Hoiland, 1992) plus current INEL practices; proportions for additive nuclides were taken for Class C candidate nuclides, except those which could be discounted on a scientific basis, according to 5 year averages of TRA/NRF waste shipments to RWMC.

For each contaminant, complete at least one line on the following table. If any entries for that contaminant vary by year, fill out additional lines as needed to cover the varying entries for different years. For example, if the annual quantity disposed was x kg for 1952-56 and y kg for 1956-84, use two lines to handle this situation.

Radionuclide	Physical Form	Chemical Form	(A)nnual/(T)otal Quantity	Unit	Begin Year	End Year	Samp les?	Minimum Value/#Samp	Maximum Value/STD	Basis for Uncertainty
C-14	Numerous physical forms in 41 different shipments.	Unknown.	T .00000202000000	CI	1969	1969	N			
Co-60	Numerous physical forms in 41 different shipments.	Unknown.	T 9.1700000000000	CI	1969	1969	N			
Ni-59	Numerous physical forms in 41 different shipments.	Unknown.	T .03670000000000	CI	1969	1969	N			
Cs-137	Numerous physical forms in 41 different shipments.	Unknown.	T 1.4200000000000	CI	1969	1969	N			
H-3	Numerous physical forms in 41 different shipments.	Unknown.	T 1.8900000000000	CI	1969	1969	N			
I-129	Numerous physical forms in 41 different shipments.	Unknown.	Unknown.	CI	1969	1969	N			
Sr-90	Numerous physical forms in 41 different shipments.	Unknown.	T .63000000000000	CI	1969	1969	N			
Tc-99	Numerous physical forms in 41 different shipments.	Unknown.	T .00000009840000	CI	1969	1969	N			
Cm-242	Numerous physical forms in 41 different shipments.	Unknown.	Unknown.	CI	1969	1969	N			

* If sample data are available, mark Y in the column titled "Samples?" and provide number of samples in the next column and standard deviation in the next column.
If not, mark N and give the minimum value and maximum value.
Additional information or explanations (indicate pertinent contaminant)
Curies of unidentified beta and gamma as well as MAP and MFP were interpreted into isotopic proportions in the following manner: base proportions were taken as those from a TAN questionnaire (Plansky and Hoiland, 1992) plus current INEL practices; proportions for additive nuclides were taken for Class C candidate nuclides, except those which could be discounted on a scientific basis, according to 5 year averages of TRA/NRF waste shipments to RWMC.

For each contaminant, complete at least one line on the following table. If any entries for that contaminant vary by year, fill out additional lines as needed to cover the varying entries for different years. For example, if the annual quantity disposed was x kg for 1952-56 and y kg for 1956-84, use two lines to handle this situation.

* Radionuclide	Physical Form	Chemical Form	(A)nnual/(T)otal Quantity	Unit	Begin Year	End Year	Samples?	Minimum Value/#Samp	Maximum Value/STD	Basis for Uncertainty
I-129	Numerous physical forms in 41 different shipments.	Unknown.	Unknown.	CI	1969	1969	N			
Pu-241	Numerous physical forms in 41 different shipments.	Unknown.	T .00000015400000	CI	1969	1969	N			
C-14	Numerous physical forms in 38 different shipments.	Unknown.	T .00012100000000	CI	1970	1970	N			
Co-60	Numerous physical forms in 38 different shipments.	Unknown.	T 604.00000000000	CI	1970	1970	N			
Ni-59	Numerous physical forms in 38 different shipments.	Unknown.	T 54.700000000000	CI	1970	1970	N			
Cs-137	Numerous physical forms in 38 different shipments.	Unknown.	T 210.00000000000	CI	1970	1970	N			
I-129	Numerous physical forms in 38 different shipments.	Unknown.	T .00000000005000	CI	1970	1970	N			
Sr-90	Numerous physical forms in 38 different shipments.	Unknown.	T 122.00000000000	CI	1970	1970	N			
Tc-99	Numerous physical forms in 38 different shipments.	Unknown.	T .00001090000000	CI	1970	1970	N			

* If sample data are available, mark Y in the column titled "Samples?" and provide number of samples in the next column and standard deviation in the next column. If not, mark N and give the minimum value and maximum value.

Additional information or explanations (indicate pertinent contaminant)

Curies of unidentified beta and gamma as well as MAP and MFP were interpreted into isotopic proportions in the following manner: base proportions were taken as those from a TAN questionnaire (Plansky and Hoiland, 1992) plus current INEL practices; proportions for additive nuclides were taken for Class C candidate nuclides, except those which could be discounted on a scientific basis, according to 5 year averages of TRA/NRF waste shipments to RWMC.

For each contaminant, complete at least one line on the following table. If any entries for that contaminant vary by year, fill out additional lines as needed to cover the varying entries for different years. For example, if the annual quantity disposed was x kg for 1952-56 and y kg for 1956-84, use two lines to handle this situation.

Radionuclide	Physical Form	Chemical Form	(A)nnual/(T)otal Quantity	Unit	Begin Year	End Year	Samples?	Minimum Value/#Samp	Maximum Value/STD	Basis for Uncertainty
U-235	Numerous physical forms in 38 different shipments.	Unknown.	T .00003750000000	CI	1970	1970	N			
U-238	Numerous physical forms in 38 different shipments.	Unknown.	T .00023900000000	CI	1970	1970	N			
Cm-242	Numerous physical forms in 38 different shipments.	Unknown.	Unknown.	CI	1970	1970	N			
Pu-241	Numerous physical forms in 38 different shipments.	Unknown.	T .00000008400000	CI	1970	1970	N			
Ce-144	Numerous physical forms in 19 different shipments.	Unknown.	T .62000000000000	CI	1971	1971	N			
Co-58	Numerous physical forms in 19 different shipments.	Unknown.	T .01400000000000	CI	1971	1971	N			
Co-60	Numerous physical forms in 19 different shipments.	Unknown.	T 526.00000000000	CI	1971	1971	N			
Cs-134	Numerous physical forms in 19 different shipments.	Unknown.	T .13000000000000	CI	1971	1971	N			
Cs-137	Numerous physical forms in 19 different shipments.	Unknown.	T 131.00000000000	CI	1971	1971	N			

* If sample data are available, mark Y in the column titled "Samples?" and provide number of samples in the next column and standard deviation in the next column. If not, mark N and give the minimum value and maximum value.

Additional information or explanations (indicate pertinent contaminant)

Curies of unidentified beta and gamma as well as MAP and MFP were interpreted into isotopic proportions in the following manner: base proportions were taken as those from a TAN questionnaire (Plansky and Hoiland, 1992) plus current INEL practices; proportions for additive nuclides were taken for Class C candidate nuclides, except those which could be discounted on a scientific basis, according to 5 year averages of TRA/NRF waste shipments to RWMC.

For each contaminant, complete at least one line on the following table. If any entries for that contaminant vary by year, fill out additional lines as needed to cover the varying entries for different years. For example, if the annual quantity disposed was x kg for 1952-56 and y kg for 1956-84, use two lines to handle this situation.

Radionuclide	Physical Form	Chemical Form	(A)nnual/(T)otal Quantity	Unit	Begin Year	End Year	Samples?	Minimum Value/#Samp	Maximum Value/STD	Basis for Uncertainty
Fe-59	Numerous physical forms in 19 different shipments.	Unknown.	T 475.00000000000	CI	1971	1971	N			
H-3	Numerous physical forms in 19 different shipments.	Unknown.	T .70700000000000	CI	1971	1971	N			
I-129	Numerous physical forms in 19 different shipments.	Unknown.	Unknown.	CI	1971	1971	N			
Sr-90	Numerous physical forms in 19 different shipments.	Unknown.	T 3.4300000000000	CI	1971	1971	N			
Tc-99	Numerous physical forms in 19 different shipments.	Unknown.	T .00000005540000	CI	1971	1971	N			
Ni-59	Numerous physical forms in 19 different shipments.	Unknown.	T 1100.0000000000	CI	1971	1971	N			
Rh-106	Numerous physical forms in 19 different shipments.	Unknown.	T 2.9000000000000	CI	1971	1971	N			
Ru-106	Numerous physical forms in 19 different shipments.	Unknown.	T 2.9000000000000	CI	1971	1971	N			
U-235	Numerous physical forms in 19 different shipments.	Unknown.	T .00041700000000	CI	1971	1971	N			

* If sample data are available, mark Y in the column titled "Samples?" and provide number of samples in the next column and standard deviation in the next column. If not, mark N and give the minimum value and maximum value.

Additional information or explanations (indicate pertinent contaminant)

Curies of unidentified beta and gamma as well as MAP and MFP were interpreted into isotopic proportions in the following manner: base proportions were taken as those from a TAN questionnaire (Plansky and Hoiland, 1992) plus current INEL practices; proportions for additive nuclides were taken for Class C candidate nuclides, except those which could be discounted on a scientific basis, according to 5 year averages of TRA/NRF waste shipments to RWMC.

For each contaminant, complete at least one line on the following table. If any entries for that contaminant vary by year, fill out additional lines as needed to cover the varying entries for different years. For example, if the annual quantity disposed was x kg for 1952-56 and y kg for 1956-84, use two lines to handle this situation.

Radionuclide	Physical Form	Chemical Form	(A)nnual/(T)otal Quantity	Unit	Begin Year	End Year	Samples?	Minimum Value/#Samp	Maximum Value/STD	Basis for Uncertainty
U-238	Numerous physical forms in 19 different shipments.	Unknown.	T .00038800000000	CI	1971	1971	N			
Cm-242	Numerous physical forms in 19 different shipments.	Unknown.	T .00000000004000	CI	1971	1971	N			
Pu-241	Numerous physical forms in 19 different shipments.	Unknown.	T .00003060000000	CI	1971	1971	N			
Y-90	Numerous physical forms in 19 different shipments.	Unknown.	T 1.0000000000000	CI	1971	1971	N			
Ce-144	Numerous physical forms in 32 different shipments.	Unknown.	T 1.3000000000000	CI	1972	1972	N			
Co-60	Numerous physical forms in 32 different shipments.	Unknown.	T 224.00000000000	CI	1972	1972	N			
Cs-134	Numerous physical forms in 32 different shipments.	Unknown.	T 1.9500000000000	CI	1972	1972	N			
Cs-137	Numerous physical forms in 32 different shipments.	Unknown.	T 180.00000000000	CI	1972	1972	N			
Fe-59	Numerous physical forms in 32 different shipments.	Unknown.	T 215.00000000000	CI	1972	1972	N			

* If sample data are available, mark Y in the column titled "Samples?" and provide number of samples in the next column and standard deviation in the next column.
If not, mark N and give the minimum value and maximum value.
Additional information or explanations (indicate pertinent contaminant)
Curies of unidentified beta and gamma as well as MAP and MFP were interpreted into isotopic proportions in the following manner: base proportions were taken as those from a TAN questionnaire (Plansky and Hoiland, 1992) plus current INEL practices; proportions for additive nuclides were taken for Class C candidate nuclides, except those which could be discounted on a scientific basis, according to 5 year averages of TRA/NRF waste shipments to RWMC.

For each contaminant, complete at least one line on the following table. If any entries for that contaminant vary by year, fill out additional lines as needed to cover the varying entries for different years. For example, if the annual quantity disposed was x kg for 1952-56 and y kg for 1956-84, use two lines to handle this situation.

Radionuclide	Physical Form	Chemical Form	(A)nnual/(T)otal Quantity	Unit	Begin Year	End Year	Samples?	Minimum Value/#Samp	Maximum Value/STD	Basis for Uncertainty
Ni-59	Numerous physical forms in 32 different shipments.	Unknown.	T 495.00000000000	CI	1972	1972	N			
Rb-86	Numerous physical forms in 32 different shipments.	Unknown.	T 4.2100000000000	CI	1972	1972	N			
Rh-106	Numerous physical forms in 32 different shipments.	Unknown.	T 1.6000000000000	CI	1972	1972	N			
Ru-106	Numerous physical forms in 32 different shipments.	Unknown.	T 5.2300000000000	CI	1972	1972	N			
Sr-90	Numerous physical forms in 32 different shipments.	Unknown.	T 22.300000000000	CI	1972	1972	N			
U-235	Numerous physical forms in 32 different shipments.	Unknown.	T .00020000000000	CI	1972	1972	N			
U-238	Numerous physical forms in 32 different shipments.	Unknown.	T .00040300000000	CI	1972	1972	N			
Cm-242	Numerous physical forms in 32 different shipments.	Unknown.	T .00000000120000	CI	1972	1972	N			
Pu-241	Numerous physical forms in 32 different shipments.	Unknown.	T .00060000000000	CI	1972	1972	N			

* If sample data are available, mark Y in the column titled "Samples?" and provide number of samples in the next column and standard deviation in the next column. If not, mark N and give the minimum value and maximum value.

Additional information or explanations (indicate pertinent contaminant)

Curies of unidentified beta and gamma as well as MAP and MFP were interpreted into isotopic proportions in the following manner: base proportions were taken as those from a TAN questionnaire (Plansky and Hoiland, 1992) plus current INEL practices; proportions for additive nuclides were taken for Class C candidate nuclides, except those which could be discounted on a scientific basis, according to 5 year averages of TRA/NRF waste shipments to RWMC.

For each contaminant, complete at least one line on the following table. If any entries for that contaminant vary by year, fill out additional lines as needed to cover the varying entries for different years. For example, if the annual quantity disposed was x kg for 1952-56 and y kg for 1956-84, use two lines to handle this situation.

Radionuclide	Physical Form	Chemical Form	(A)nnual/(T)otal Quantity	Unit	Begin Year	End Year	Samples?	Minimum Value/#Samp	Maximum Value/STD	Basis for Uncertainty
U-235	Numerous physical forms in 32 different shipments.	Unknown.	T .10200000000000	CI	1972	1972	N			
I-129	Numerous physical forms in 32 different shipments.	Unknown.	Unknown.	CI	1972	1972	N			
Tc-99	Numerous physical forms in 32 different shipments.	Unknown.	T .00000035900000	CI	1972	1972	N			
Y-90	Numerous physical forms in 32 different shipments.	Unknown.	T 7.6600000000000	CI	1972	1972	N			
Ce-144	Numerous physical forms in 17 different shipments.	Unknown.	T 1.2200000000000	CI	1973	1973	N			
Co-60	Numerous physical forms in 17 different shipments.	Unknown.	T 550.00000000000	CI	1973	1973	N			
Cs-134	Numerous physical forms in 17 different shipments.	Unknown.	T .28400000000000	CI	1973	1973	N			
Cs-137	Numerous physical forms in 17 different shipments.	Unknown.	T 56.400000000000	CI	1973	1973	N			
Fe-59	Numerous physical forms in 17 different shipments.	Unknown.	T 450.00000000000	CI	1973	1973	N			

* If sample data are available, mark Y in the column titled "Samples?" and provide number of samples in the next column and standard deviation in the next column.
If not, mark N and give the minimum value and maximum value.
Additional information or explanations (indicate pertinent contaminant)
Curies of unidentified beta and gamma as well as MAP and MFP were interpreted into isotopic proportions in the following manner: base proportions were taken as those from a TAN questionnaire (Plansky and Hoiland, 1992) plus current INEL practices; proportions for additive nuclides were taken for Class C candidate nuclides, except those which could be discounted on a scientific basis, according to 5 year averages of TRA/NRF waste shipments to RWMC.

For each contaminant, complete at least one line on the following table. If any entries for that contaminant vary by year, fill out additional lines as needed to cover the varying entries for different years. For example, if the annual quantity disposed was x kg for 1952-56 and y kg for 1956-84, use two lines to handle this situation.

Radionuclide	Physical Form	Chemical Form	(A)nnual/(T)otal Quantity	Unit	Begin Year	End Year	Samples?	Minimum Value/#Samp	Maximum Value/STD	Basis for Uncertainty
Ni-59	Numerous physical forms in 17 different shipments.	Unknown.	T 970.00000000000	CI	1973	1973	N			
Rb-86	Numerous physical forms in 17 different shipments.	Unknown.	T 4.1600000000000	CI	1973	1973	N			
Rh-106	Numerous physical forms in 17 different shipments.	Unknown.	T 1.2800000000000	CI	1973	1973	N			
Ru-106	Numerous physical forms in 17 different shipments.	Unknown.	T 5.1500000000000	CI	1973	1973	N			
Sr-90	Numerous physical forms in 17 different shipments.	Unknown.	T 1.7400000000000	CI	1973	1973	N			
Cm-242	Numerous physical forms in 17 different shipments.	Unknown.	T .00000000005000	CI	1973	1973	N			
I-129	Numerous physical forms in 17 different shipments.	Unknown.	Unknown.	CI	1973	1973	N			
Pu-241	Numerous physical forms in 17 different shipments.	Unknown.	T .00004540000000	CI	1973	1973	N			
Tc-99	Numerous physical forms in 17 different shipments.	Unknown.	T .00000002750000	CI	1973	1973	N			

* If sample data are available, mark Y in the column titled "Samples?" and provide number of samples in the next column and standard deviation in the next column. If not, mark N and give the minimum value and maximum value.

Additional information or explanations (indicate pertinent contaminant)

Curies of unidentified beta and gamma as well as MAP and MFP were interpreted into isotopic proportions in the following manner: base proportions were taken as those from a TAN questionnaire (Plansky and Hoiland, 1992) plus current INEL practices; proportions for additive nuclides were taken for Class C candidate nuclides, except those which could be discounted on a scientific basis, according to 5 year averages of TRA/NRF waste shipments to RWMC.

For each contaminant, complete at least one line on the following table. If any entries for that contaminant vary by year, fill out additional lines as needed to cover the varying entries for different years. For example, if the annual quantity disposed was x kg for 1952-56 and y kg for 1956-84, use two lines to handle this situation.

Radionuclide	Physical Form	Chemical Form	(A)nnual/(T)otal Quantity	Unit	Begin Year	End Year	Samples?	Minimum Value/#Samp	Maximum Value/STD	Basis for Uncertainty
Y-90	Numerous physical forms in 17 different shipments.	Unknown.	T 1.4000000000000	CI	1973	1973	N			
Ce-144	Numerous physical forms in 44 different shipments.	Unknown.	T 14.100000000000	CI	1974	1974	N			
Co-60	Numerous physical forms in 44 different shipments.	Unknown.	T 1600.0000000000	CI	1974	1974	N			
Cs-134	Numerous physical forms in 44 different shipments.	Unknown.	T 3.2100000000000	CI	1974	1974	N			
Cs-137	Numerous physical forms in 44 different shipments.	Unknown.	T 242.00000000000	CI	1974	1974	N			
Fe-59	Numerous physical forms in 44 different shipments.	Unknown.	T 1430.0000000000	CI	1974	1974	N			
Hf-181	Numerous physical forms in 44 different shipments.	Unknown.	T .07000000000000	CI	1974	1974	N			
H-3	Numerous physical forms in 44 different shipments.	Unknown.	T .39300000000000	CI	1974	1974	N			
I-129	Numerous physical forms in 44 different shipments.	Unknown.	Unknown.	CI	1974	1974	N			

* If sample data are available, mark Y in the column titled "Samples?" and provide number of samples in the next column and standard deviation in the next column.
If not, mark N and give the minimum value and maximum value.
Additional information or explanations (indicate pertinent contaminant)
Curies of unidentified beta and gamma as well as MAP and MFP were interpreted into isotopic proportions in the following manner: base proportions were taken as those from a TAN questionnaire (Plansky and Hoiland, 1992) plus current INEL practices; proportions for additive nuclides were taken for Class C candidate nuclides, except those which could be discounted on a scientific basis, according to 5 year averages of TRA/NRF waste shipments to RWMC.

For each contaminant, complete at least one line on the following table. If any entries for that contaminant vary by year, fill out additional lines as needed to cover the varying entries for different years. For example, if the annual quantity disposed was x kg for 1952-56 and y kg for 1956-84, use two lines to handle this situation.

Radionuclide	Physical Form	Chemical Form	(A)nnual/(T)otal Quantity	Unit	Begin Year	End Year	Samp les?	Minimum Value/#Samp	Maximum Value/STD	Basis for Uncertainty
Sr-90	Numerous physical forms in 44 different shipments.	Unknown.	T 7.6800000000000	CI	1974	1974	N			
Tc-99	Numerous physical forms in 44 different shipments.	Unknown.	T .00000050000000	CI	1974	1974	N			
Cm-242	Numerous physical forms in 44 different shipments.	Unknown.	T .00000000089000	CI	1974	1974	N			
Pu-241	Numerous physical forms in 44 different shipments.	Unknown.	T .00078300000000	CI	1974	1974	N			
Y-90	Numerous physical forms in 44 different shipments.	Unknown.	T 16.800000000000	CI	1974	1974	N			
Ce-144	Numerous physical forms in 14 different shipments.	Unknown.	T 1.3000000000000	CI	1975	1975	N			
Cs-134	Numerous physical forms in 14 different shipments.	Unknown.	T .31500000000000	CI	1975	1975	N			
Cs-137	Numerous physical forms in 14 different shipments.	Unknown.	T 7.0900000000000	CI	1975	1975	N			
Rb-86	Numerous physical forms in 14 different shipments.	Unknown.	T 5.8500000000000	CI	1975	1975	N			

* If sample data are available, mark Y in the column titled "Samples?" and provide number of samples in the next column and standard deviation in the next column. If not, mark N and give the minimum value and maximum value.

Additional information or explanations (indicate pertinent contaminant)

Curies of unidentified beta and gamma as well as MAP and MFP were interpreted into isotopic proportions in the following manner: base proportions were taken as those from a TAN questionnaire (Plansky and Hoiland, 1992) plus current INEL practices; proportions for additive nuclides were taken for Class C candidate nuclides, except those which could be discounted on a scientific basis, according to 5 year averages of TRA/NRF waste shipments to RWMC.

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Radionuclide	Physical Form	Chemical Form	(A)nnual/(T)otal Quantity	Unit	Begin Year	End Year	Samples?	Minimum Value/#Samp	Maximum Value/STD	Basis for Uncertainty
Ru-106	Numerous physical forms in 14 different shipments.	Unknown.	T 5.4500000000000	CI	1975	1975	N			
Sr-90	Numerous physical forms in 14 different shipments.	Unknown.	T 1.8900000000000	CI	1975	1975	N			
U-235	Numerous physical forms in 14 different shipments.	Unknown.	T .00002140000000	CI	1975	1975	N			
U-238	Numerous physical forms in 14 different shipments.	Unknown.	T .00000033300000	CI	1975	1975	N			
Cm-242	Numerous physical forms in 14 different shipments.	Unknown.	T .00000000006000	CI	1975	1975	N			
Co-60	Numerous physical forms in 14 different shipments.	Unknown.	T .17500000000000	CI	1975	1975	N			
I-129	Numerous physical forms in 14 different shipments.	Unknown.	Unknown.	CI	1975	1975	N			
Pu-241	Numerous physical forms in 14 different shipments.	Unknown.	T .00005100000000	CI	1975	1975	N			
Tc-99	Numerous physical forms in 14 different shipments.	Unknown.	T .00000003090000	CI	1975	1975	N			

* If sample data are available, mark Y in the column titled "Samples?" and provide number of samples in the next column and standard deviation in the next column. If not, mark N and give the minimum value and maximum value.

Additional information or explanations (indicate pertinent contaminant)

Curies of unidentified beta and gamma as well as MAP and MFP were interpreted into isotopic proportions in the following manner: base proportions were taken as those from a TAN questionnaire (Plansky and Hoiland, 1992) plus current INEL practices; proportions for additive nuclides were taken for Class C candidate nuclides, except those which could be discounted on a scientific basis, according to 5 year averages of TRA/NRF waste shipments to RWMC.

For each contaminant, complete at least one line on the following table. If any entries for that contaminant vary by year, fill out additional lines as needed to cover the varying entries for different years. For example, if the annual quantity disposed was x kg for 1952-56 and y kg for 1956-84, use two lines to handle this situation.

Radionuclide	Physical Form	Chemical Form	(A)nnual/(T)otal Quantity	Unit	Begin Year	End Year	Samp les?	Minimum Value/#Samp	Maximum Value/STD	Basis for Uncertainty
Y-90	Numerous physical forms in 14 different shipments.	Unknown.	T 1.5300000000000	CI	1975	1975	N			
Ce-144	Numerous physical forms in 100 different shipments	Unknown.	T 1.7500000000000	CI	1976	1976	N			
Co-60	Numerous physical forms in 100 different shipments	Unknown.	T 15.900000000000	CI	1976	1976	N			
Cs-134	Numerous physical forms in 100 different shipments	Unknown.	T 2.1300000000000	CI	1976	1976	N			
Cs-137	Numerous physical forms in 100 different shipments	Unknown.	T 221.00000000000	CI	1976	1976	N			
Eu-154	Numerous physical forms in 100 different shipments	Unknown.	T .37100000000000	CI	1976	1976	N			
H-3	Numerous physical forms in 100 different shipments	Unknown.	T 1.9700000000000	CI	1976	1976	N			
I-129	Numerous physical forms in 100 different shipments	Unknown.	Unknown.	CI	1976	1976	N			
Sr-90	Numerous physical forms in 100 different shipments	Unknown.	T 51.100000000000	CI	1976	1976	N			

* If sample data are available, mark Y in the column titled "Samples?" and provide number of samples in the next column and standard deviation in the next column. If not, mark N and give the minimum value and maximum value.

Additional information or explanations (indicate pertinent contaminant)

Curies of unidentified beta and gamma as well as MAP and MFP were interpreted into isotopic proportions in the following manner: base proportions were taken as those from a TAN questionnaire (Plansky and Hoiland, 1992) plus current INEL practices; proportions for additive nuclides were taken for Class C candidate nuclides, except those which could be discounted on a scientific basis, according to 5 year averages of TRA/NRF waste shipments to RWMC.

For each contaminant, complete at least one line on the following table. If any entries for that contaminant vary by year, fill out additional lines as needed to cover the varying entries for different years. For example, if the annual quantity disposed was x kg for 1952-56 and y kg for 1956-84, use two lines to handle this situation.

Radionuclide	Physical Form	Chemical Form	(A)nnual/(T)otal Quantity	Unit	Begin Year	End Year	Samples?	Minimum Value/#Samp	Maximum Value/STD	Basis for Uncertainty
Tc-99	Numerous physical forms in 100 different shipments	Unknown.	T .00000160000000	CI	1976	1976	N			
Mn-54	Numerous physical forms in 100 different shipments	Unknown.	T .20200000000000	CI	1976	1976	N			
Ru-106	Numerous physical forms in 100 different shipments	Unknown.	T 1.5600000000000	CI	1976	1976	N			
U-238	Numerous physical forms in 100 different shipments	Unknown.	T .00002430000000	CI	1976	1976	N			
Cm-242	Numerous physical forms in 100 different shipments	Unknown.	T .00000000001000	CI	1976	1976	N			
Pu-241	Numerous physical forms in 100 different shipments	Unknown.	T .00000012000000	CI	1976	1976	N			
U-235	Numerous physical forms in 100 different shipments	Unknown.	T .00264000000000	CI	1976	1976	N			
Co-58	Numerous physical forms in 35 different shipments.	Unknown.	T 620.00000000000	CI	1977	1977	N			
Co-60	Numerous physical forms in 35 different shipments.	Unknown.	T 84.100000000000	CI	1977	1977	N			

* If sample data are available, mark Y in the column titled "Samples?" and provide number of samples in the next column and standard deviation in the next column. If not, mark N and give the minimum value and maximum value.

Additional information or explanations (indicate pertinent contaminant)

Curies of unidentified beta and gamma as well as MAP and MFP were interpreted into isotopic proportions in the following manner: base proportions were taken as those from a TAN questionnaire (Plansky and Hoiland, 1992) plus current INEL practices; proportions for additive nuclides were taken for Class C candidate nuclides, except those which could be discounted on a scientific basis, according to 5 year averages of TRA/NRF waste shipments to RWMC.

For each contaminant, complete at least one line on the following table. If any entries for that contaminant vary by year, fill out additional lines as needed to cover the varying entries for different years. For example, if the annual quantity disposed was x kg for 1952-56 and y kg for 1956-84, use two lines to handle this situation.

Radionuclide	Physical Form	Chemical Form	(A)nnual/(T)otal Quantity	Unit	Begin Year	End Year	Samples?	Minimum Value/#Samp	Maximum Value/STD	Basis for Uncertainty
Cs-134	Numerous physical forms in 35 different shipments.	Unknown.	T 3.0000000000000	CI	1977	1977	N			
Cs-137	Numerous physical forms in 35 different shipments.	Unknown.	T 86.600000000000	CI	1977	1977	N			
C-14	Numerous physical forms in 35 different shipments.	Unknown.	T .00000058300000	CI	1977	1977	N			
Ni-59	Numerous physical forms in 35 different shipments.	Unknown.	T .01060000000000	CI	1977	1977	N			
H-3	Numerous physical forms in 35 different shipments.	Unknown.	T 5.4000000000000	CI	1977	1977	N			
I-129	Numerous physical forms in 35 different shipments.	Unknown.	Unknown.	CI	1977	1977	N			
Sr-90	Numerous physical forms in 35 different shipments.	Unknown.	T 1.8000000000000	CI	1977	1977	N			
Tc-99	Numerous physical forms in 35 different shipments.	Unknown.	T .00000028100000	CI	1977	1977	N			
Mn-54	Numerous physical forms in 35 different shipments.	Unknown.	T 593.00000000000	CI	1977	1977	N			

* If sample data are available, mark Y in the column titled "Samples?" and provide number of samples in the next column and standard deviation in the next column. If not, mark N and give the minimum value and maximum value.

Additional information or explanations (indicate pertinent contaminant)

Curies of unidentified beta and gamma as well as MAP and MFP were interpreted into isotopic proportions in the following manner: base proportions were taken as those from a TAN questionnaire (Plansky and Hoiland, 1992) plus current INEL practices; proportions for additive nuclides were taken for Class C candidate nuclides, except those which could be discounted on a scientific basis, according to 5 year averages of TRA/NRF waste shipments to RWMC.

For each contaminant, complete at least one line on the following table. If any entries for that contaminant vary by year, fill out additional lines as needed to cover the varying entries for different years. For example, if the annual quantity disposed was x kg for 1952-56 and y kg for 1956-84, use two lines to handle this situation.

Radionuclide	Physical Form	Chemical Form	(A)nnual/(T)otal Quantity	Unit	Begin Year	End Year	Samples?	Minimum Value/#Samp	Maximum Value/STD	Basis for Uncertainty
Cm-242	Numerous physical forms in 35 different shipments.	Unknown.	Unknown.	CI	1977	1977	N			
Pu-241	Numerous physical forms in 35 different shipments.	Unknown.	T .00000045800000	CI	1977	1977	N			
Co-58	Numerous physical forms in 33 different shipments.	Unknown.	T 778.00000000000	CI	1978	1978	N			
Co-60	Numerous physical forms in 33 different shipments.	Unknown.	T 247.00000000000	CI	1978	1978	N			
Cs-134	Numerous physical forms in 33 different shipments.	Unknown.	T 10.000000000000	CI	1978	1978	N			
Cs-137	Numerous physical forms in 33 different shipments.	Unknown.	T 280.00000000000	CI	1978	1978	N			
C-14	Numerous physical forms in 33 different shipments.	Unknown.	T .00000047300000	CI	1978	1978	N			
Ni-59	Numerous physical forms in 33 different shipments.	Unknown.	T .00859000000000	CI	1978	1978	N			
H-3	Numerous physical forms in 33 different shipments.	Unknown.	T 4.1100000000000	CI	1978	1978	N			

* If sample data are available, mark Y in the column titled "Samples?" and provide number of samples in the next column and standard deviation in the next column. If not, mark N and give the minimum value and maximum value.

Additional information or explanations (indicate pertinent contaminant)

Curies of unidentified beta and gamma as well as MAP and MFP were interpreted into isotopic proportions in the following manner: base proportions were taken as those from a TAN questionnaire (Plansky and Hoiland, 1992) plus current INEL practices; proportions for additive nuclides were taken for Class C candidate nuclides, except those which could be discounted on a scientific basis, according to 5 year averages of TRA/NRF waste shipments to RWMC.

For each contaminant, complete at least one line on the following table. If any entries for that contaminant vary by year, fill out additional lines as needed to cover the varying entries for different years. For example, if the annual quantity disposed was x kg for 1952-56 and y kg for 1956-84, use two lines to handle this situation.

Radionuclide	Physical Form	Chemical Form	(A)nnual/(T)otal Quantity	Unit	Begin Year	End Year	Samples?	Minimum Value/#Samp	Maximum Value/STD	Basis for Uncertainty
I-129	Numerous physical forms in 33 different shipments.	Unknown.	Unknown.	CI	1978	1978	N			
Sr-90	Numerous physical forms in 33 different shipments.	Unknown.	T 2.2600000000000	CI	1978	1978	N			
Tc-99	Numerous physical forms in 33 different shipments.	Unknown.	T .00000027000000	CI	1978	1978	N			
Mn-54	Numerous physical forms in 33 different shipments.	Unknown.	T 690.00000000000	CI	1978	1978	N			
Cm-242	Numerous physical forms in 33 different shipments.	Unknown.	T .00000000011000	CI	1978	1978	N			
Pu-241	Numerous physical forms in 33 different shipments.	Unknown.	T .00009200000000	CI	1978	1978	N			
C-14	Numerous physical forms in 44 different shipments.	Unknown.	T .00000000011000	CI	1979	1979	N			
Co-60	Numerous physical forms in 44 different shipments.	Unknown.	T .03980000000000	CI	1979	1979	N			
Ni-59	Numerous physical forms in 44 different shipments.	Unknown.	T .00000200000000	CI	1979	1979	N			

* If sample data are available, mark Y in the column titled "Samples?" and provide number of samples in the next column and standard deviation in the next column. If not, mark N and give the minimum value and maximum value.

Additional information or explanations (indicate pertinent contaminant)

Curies of unidentified beta and gamma as well as MAP and MFP were interpreted into isotopic proportions in the following manner: base proportions were taken as those from a TAN questionnaire (Plansky and Hoiland, 1992) plus current INEL practices; proportions for additive nuclides were taken for Class C candidate nuclides, except those which could be discounted on a scientific basis, according to 5 year averages of TRA/NRF waste shipments to RWMC.

For each contaminant, complete at least one line on the following table. If any entries for that contaminant vary by year, fill out additional lines as needed to cover the varying entries for different years. For example, if the annual quantity disposed was x kg for 1952-56 and y kg for 1956-84, use two lines to handle this situation.

Radionuclide	Physical Form	Chemical Form	(A)nnual/(T)otal Quantity	Unit	Begin Year	End Year	Samples?	Minimum Value/#Samp	Maximum Value/STD	Basis for Uncertainty
Cs-137	Numerous physical forms in 44 different shipments.	Unknown.	T 4.7100000000000	CI	1979	1979	N			
H-3	Numerous physical forms in 44 different shipments.	Unknown.	T 5.9300000000000	CI	1979	1979	N			
I-129	Numerous physical forms in 44 different shipments.	Unknown.	Unknown.	CI	1979	1979	N			
Sr-90	Numerous physical forms in 44 different shipments.	Unknown.	T 2.0900000000000	CI	1979	1979	N			
Tc-99	Numerous physical forms in 44 different shipments.	Unknown.	T .00000031600000	CI	1979	1979	N			
Cm-242	Numerous physical forms in 44 different shipments.	Unknown.	T .00000000001000	CI	1979	1979	N			
Pu-241	Numerous physical forms in 44 different shipments.	Unknown.	T .00001150000000	CI	1979	1979	N			
C-14	Numerous physical forms in 46 different shipments.	Unknown.	T .00000000044000	CI	1980	1980	N			
Co-60	Numerous physical forms in 46 different shipments.	Unknown.	T .00200000000000	CI	1980	1980	N			

* If sample data are available, mark Y in the column titled "Samples?" and provide number of samples in the next column and standard deviation in the next column. If not, mark N and give the minimum value and maximum value.

Additional information or explanations (indicate pertinent contaminant)

Curies of unidentified beta and gamma as well as MAP and MFP were interpreted into isotopic proportions in the following manner; base proportions were taken as those from a TAN questionnaire (Plansky and Hoiland, 1992) plus current INEL practices; proportions for additive nuclides were taken for Class C candidate nuclides, except those which could be discounted on a scientific basis, according to 5 year averages of TRA/NRF waste shipments to RWMC.

For each contaminant, complete at least one line on the following table. If any entries for that contaminant vary by year, fill out additional lines as needed to cover the varying entries for different years. For example, if the annual quantity disposed was x kg for 1952-56 and y kg for 1956-84, use two lines to handle this situation.

Radionuclide	Physical Form	Chemical Form	(A)nnual/(T)otal Quantity	Unit	Begin Year	End Year	Samples?	Minimum Value/#Samp	Maximum Value/STD	Basis for Uncertainty
Ni-59	Numerous physical forms in 46 different shipments.	Unknown.	T .00000800000000	CI	1980	1980	N			
Cs-137	Numerous physical forms in 46 different shipments.	Unknown.	T 8.2200000000000	CI	1980	1980	N			
H-3	Numerous physical forms in 46 different shipments.	Unknown.	T 11.000000000000	CI	1980	1980	N			
I-129	Numerous physical forms in 46 different shipments.	Unknown.	Unknown.	CI	1980	1980	N			
Sr-90	Numerous physical forms in 46 different shipments.	Unknown.	T 3.6500000000000	CI	1980	1980	N			
Tc-99	Numerous physical forms in 46 different shipments.	Unknown.	T .00000057100000	CI	1980	1980	N			
Pu-238	Numerous physical forms in 46 different shipments.	Unknown.	T .00000373000000	CI	1980	1980	N			
Pu-239	Numerous physical forms in 46 different shipments.	Unknown.	T .00001820000000	CI	1980	1980	N			
U-234	Numerous physical forms in 46 different shipments.	Unknown.	T .00002670000000	CI	1980	1980	N			

* If sample data are available, mark Y in the column titled "Samples?" and provide number of samples in the next column and standard deviation in the next column. If not, mark N and give the minimum value and maximum value.

Additional information or explanations (indicate pertinent contaminant)

Curies of unidentified beta and gamma as well as MAP and MFP were interpreted into isotopic proportions in the following manner: base proportions were taken as those from a TAN questionnaire (Plansky and Hoiland, 1992) plus current INEL practices; proportions for additive nuclides were taken for Class C candidate nuclides, except those which could be discounted on a scientific basis, according to 5 year averages of TRA/NRF waste shipments to RWMC.

For each contaminant, complete at least one line on the following table. If any entries for that contaminant vary by year, fill out additional lines as needed to cover the varying entries for different years. For example, if the annual quantity disposed was x kg for 1952-56 and y kg for 1956-84, use two lines to handle this situation.

Radionuclide	Physical Form	Chemical Form	(A)nnual/(T)otal Quantity	Unit	Begin Year	End Year	Samples?	Minimum Value/#Samp	Maximum Value/STD	Basis for Uncertainty
U-235	Numerous physical forms in 46 different shipments.	Unknown.	T .00000138000000	CI	1980	1980	N			
U-236	Numerous physical forms in 46 different shipments.	Unknown.	T .00000054800000	CI	1980	1980	N			
U-238	Numerous physical forms in 46 different shipments.	Unknown.	T .00000122000000	CI	1980	1980	N			
Cs-137	Numerous physical forms in 20 different shipments.	Unknown.	T .39600000000000	CI	1981	1981	N			
H-3	Numerous physical forms in 20 different shipments.	Unknown.	T .52800000000000	CI	1981	1981	N			
I-129	Numerous physical forms in 20 different shipments.	Unknown.	Unknown.	CI	1981	1981	N			
Sr-90	Numerous physical forms in 20 different shipments.	Unknown.	T .17600000000000	CI	1981	1981	N			
Tc-99	Numerous physical forms in 20 different shipments.	Unknown.	T .00000002750000	CI	1981	1981	N			
C-14	Numerous physical forms in 31 different shipments.	Unknown.	T .00000001320000	CI	1982	1982	N			

* If sample data are available, mark Y in the column titled "Samples?" and provide number of samples in the next column and standard deviation in the next column. If not, mark N and give the minimum value and maximum value.

Additional information or explanations (indicate pertinent contaminant)

Curies of unidentified beta and gamma as well as MAP and MFP were interpreted into isotopic proportions in the following manner: base proportions were taken as those from a TAN questionnaire (Plansky and Hoiland, 1992) plus current INEL practices; proportions for additive nuclides were taken for Class C candidate nuclides, except those which could be discounted on a scientific basis, according to 5 year averages of TRA/NRF waste shipments to RWMC.

For each contaminant, complete at least one line on the following table. If any entries for that contaminant vary by year, fill out additional lines as needed to cover the varying entries for different years. For example, if the annual quantity disposed was x kg for 1952-56 and y kg for 1956-84, use two lines to handle this situation.

Radionuclide	Physical Form	Chemical Form	(A)nnual/(T)otal Quantity	Unit	Begin Year	End Year	Samples?	Minimum Value/#Samp	Maximum Value/STD	Basis for Uncertainty
Co-60	Numerous physical forms in 31 different shipments.	Unknown.	T .06000000000000	CI	1982	1982	N			
Ni-59	Numerous physical forms in 31 different shipments.	Unknown.	T .00024000000000	CI	1982	1982	N			
Cs-137	Numerous physical forms in 31 different shipments.	Unknown.	T 1.8500000000000	CI	1982	1982	N			
H-3	Numerous physical forms in 31 different shipments.	Unknown.	T 2.4600000000000	CI	1982	1982	N			
I-129	Numerous physical forms in 31 different shipments.	Unknown.	Unknown.	CI	1982	1982	N			
Sr-90	Numerous physical forms in 31 different shipments.	Unknown.	T .82000000000000	CI	1982	1982	N			
Tc-99	Numerous physical forms in 31 different shipments.	Unknown.	T .00000012800000	CI	1982	1982	N			
Cs-134	Numerous physical forms in 63 different shipments.	Unknown.	T .60100000000000	CI	1983	1983	N			
Cs-137	Numerous physical forms in 63 different shipments.	Unknown.	T 31.900000000000	CI	1983	1983	N			

* If sample data are available, mark Y in the column titled "Samples?" and provide number of samples in the next column and standard deviation in the next column. If not, mark N and give the minimum value and maximum value.

Additional information or explanations (indicate pertinent contaminant)

Curies of unidentified beta and gamma as well as MAP and MFP were interpreted into isotopic proportions in the following manner: base proportions were taken as those from a TAN questionnaire (Plansky and Hoiland, 1992) plus current INEL practices; proportions for additive nuclides were taken for Class C candidate nuclides, except those which could be discounted on a scientific basis, according to 5 year averages of TRA/NRF waste shipments to RWMC.

For each contaminant, complete at least one line on the following table. If any entries for that contaminant vary by year, fill out additional lines as needed to cover the varying entries for different years. For example, if the annual quantity disposed was x kg for 1952-56 and y kg for 1956-84, use two lines to handle this situation.

Radionuclide	Physical Form	Chemical Form	(A)nnual/(T)otal Quantity	Unit	Begin Year	End Year	Samples?	Minimum Value/#Samp	Maximum Value/STD	Basis for Uncertainty
H-3	Numerous physical forms in 63 different shipments.	Unknown.	T 2.5700000000000	CI	1983	1983	N			
I-129	Numerous physical forms in 63 different shipments.	Unknown.	Unknown.	CI	1983	1983	N			
Sr-90	Numerous physical forms in 63 different shipments.	Unknown.	T 1.0100000000000	CI	1983	1983	N			
Tc-99	Numerous physical forms in 63 different shipments.	Unknown.	T .00000013400000	CI	1983	1983	N			
Rh-106	Numerous physical forms in 63 different shipments.	Unknown.	T .15000000000000	CI	1983	1983	N			
Ru-106	Numerous physical forms in 63 different shipments.	Unknown.	T .15000000000000	CI	1983	1983	N			
Y-90	Numerous physical forms in 63 different shipments.	Unknown.	T .15000000000000	CI	1983	1983	N			

* If sample data are available, mark Y in the column titled "Samples?" and provide number of samples in the next column and standard deviation in the next column. If not, mark N and give the minimum value and maximum value.

Additional information or explanations (indicate pertinent contaminant)

Curies of unidentified beta and gamma as well as MAP and MFP were interpreted into isotopic proportions in the following manner: base proportions were taken as those from a TAN questionnaire (Plansky and Hoiland, 1992) plus current INEL practices; proportions for additive nuclides were taken for Class C candidate nuclides, except those which could be discounted on a scientific basis, according to 5 year averages of TRA/NRF waste shipments to RWMC.

PART E - SOURCES OF INFORMATION AND UNCERTAINTIES - TAN-607-5H

1. Type of source of information:
(check box)

[X] RWMIS [ ] other database
[ ] sample analysis data
[ ] operating records [ ] interview
[ ] expert judgment [X] reports
[X] other
TAN questionaire reported in Plansky and Hoiland.

2. Details concerning source (names, report no., dates, etc.)
L.E. Plansky and S.A. Hoiland, "Analysis of the Low-Level Waste Radionuclide Inventory for the Radioactive Waste Management Complex Performance Assessment", EGG-WM-9857, June 1992, Revision 1, pp. 126-134.

3. Do the estimates of contaminant quantities in Part C and D represent:
[X] best estimate
[ ] worst case
[ ] other

4. If other than best estimate, explain why:

5. Do the data conflict with RWMIS?
(Historical or Present Data Only)
[ ] no
[X] yes

6. If yes, explain why:
For CY 1981, WM-F1-81-027 reported 1.1 Ci shipped from TAN 607 consisting of 1/3 soil, 1/3 concrete door plug, and 1/3 miscellaneous. In contrast, RWMIS reported 0.59 Ci disposed of.

7. Major unknowns in inventories of contaminants:

8. Key assumptions used to deal with the unknowns:

DATA INPUT FOR HISTORICAL DATA TASK FOR RWMC SUBSURFACE DISPOSAL AREA

PART A - GENERAL INFORMATION HDT - 165

1. Preparer: Henry Peterson

2. Date prepared: 08/10/93

3. Generator: TAN
(area or contractor - use code from attached list)

4. Particular facility: 607
(building number - use code from attached list)

5. Number of waste stream from this facility:
6H

6. Waste stream:
Minor unidentified radioactive waste from the TSF area.

7. Type of radioactive waste (check box):
[ ] TRU or suspect TRU
[X] LLW
[ ] non-radioactive

8. Actual years disposed of at SDA:
Starting year 1983 Ending year 1983

9. Waste stream volume:
Amount 70.7000 Units Cubic meters.
Check box: [ ] annual or [X] total over all years
Check box: [X] container volume or [ ] waste volume

10. Comments (specify number of pertinent question):
4. Facility was listed as TSF: we attribute it to the Manufacturing, Assembly and Health Physics and Safety Building, located in the TSF area of TAN.
9. Gross mass equals 86.4 Kg.

1. General physical form (see attached list)
Unknown.
[ ] other (specify)

2. Details on physical form(particularly confinement related)
Unknown.

3. Chemical form:
Unknown.

4. Inner packaging: [ ] plastic bag [X] plastic liner
[ ] metal liner [ ] none [ ] other (specify)

5. Waste container type (see attached list)
Wooden box.

6. Other characteristics of interest:
None.

7. Comments (specify number of pertinent question):
4. Virtually all TAN waste shipments featured one or more plastic barriers.

For each contaminant, complete at least one line on the following table. If any entries for that contaminant vary by year, fill out additional lines as needed to cover the varying entries for different years. For example, if the annual quantity disposed was x kg for 1952-56 and y kg for 1956-84, use two lines to handle this situation.

Contaminant & CAS Registry Number	Physical Form	Chemical Form	(A)nnual/(T)otal Quantity	Unit	Begin Year	End Year	Samples?	Minimum Value/#Samp	Maximum Value/STD	Basis for Uncertainty
None.										

* If sample data are available, mark Y in the column titled "Samples?" and provide number of samples in the next column and standard deviation in the next column.
If not, mark N and give the minimum value and maximum value.
Additional information or explanations (indicate pertinent contaminant)

For each contaminant, complete at least one line on the following table. If any entries for that contaminant vary by year, fill out additional lines as needed to cover the varying entries for different years. For example, if the annual quantity disposed was x kg for 1952-56 and y kg for 1956-84, use two lines to handle this situation.

Radionuclide	Physical Form	Chemical Form	(A)nnual/(T)otal Quantity	Unit	Begin Year	End Year	Samples?	Minimum Value/#Samp	Maximum Value/STD	Basis for Uncertainty
Co-60			T .00007800000000	CI	1983	1983	N			
Cs-137			T .00277000000000	CI	1983	1983	N			
Sr-90			T .00277000000000	CI	1983	1983	N			

* If sample data are available, mark Y in the column titled "Samples?" and provide number of samples in the next column and standard deviation in the next column.
If not, mark N and give the minimum value and maximum value.
Additional information or explanations (indicate pertinent contaminant)

PART E - SOURCES OF INFORMATION AND UNCERTAINTIES - TAN-607-6H

1. Type of source of information:
(check box)

[X] RWMIS [ ] other database
[ ] sample analysis data
[ ] operating records [ ] interview
[ ] expert judgment [ ] reports
[ ] other

2. Details concerning source (names, report no., dates, etc.)

3. Do the estimates of contaminant quantities in Part C and D represent:
[X] best estimate
[ ] worst case
[ ] other

4. If other than best estimate, explain why:
N/A.

5. Do the data conflict with RWMIS?
(Historical or Present Data Only)
[X] no
[ ] yes

6. If yes, explain why:
N/A.

7. Major unknowns in inventories of contaminants:

8. Key assumptions used to deal with the unknowns:

DATA INPUT FOR HISTORICAL DATA TASK FOR RWMC SUBSURFACE DISPOSAL AREA

PART A - GENERAL INFORMATION HDT - 166

1. Preparer: Henry Peterson

2. Date prepared: 01/27/94

3. Generator: TAN
(area or contractor - use code from attached list)

4. Particular facility: 615
(building number - use code from attached list)

5. Number of waste stream from this facility:
1H

6. Waste stream:
U-235 contaminated structures removed during refurbishment of fuel assembly area of TAN 615.

7. Type of radioactive waste (check box):
[ ] TRU or suspect TRU
[X] LLW
[ ] non-radioactive

8. Actual years disposed of at SDA:
Starting year 1972 Ending year 1973

9. Waste stream volume:
Amount 55.9000 Units Cubic meters.
Check box: [ ] annual or [X] total over all years
Check box: [X] container volume or [ ] waste volume

10. Comments (specify number of pertinent question):
4. Facility is the Assembly and Maintenance Facility, located in the TSF area of TAN.

1. General physical form (see attached list)
Concrete, brick, and asphalt.
[X] other (specify)
10.

2. Details on physical form(particularly confinement related)
Details on physical form (particularly confinement related)
- mostly wallboard, metal, and wood.

3. Chemical form:
Unknown.

4. Inner packaging: [ ] plastic bag [X] plastic liner
[ ] metal liner [ ] none [ ] other (specify)

5. Waste container type (see attached list)
Other*.

6. Other characteristics of interest:

7. Comments (specify number of pertinent question):
1. Likely dominated by gypsum wallboard.
4. Virtually all TAN waste shipments featured one or more plastic barriers.
5. BXW. "Other" is according to RWMIS. Additional description of "Other" may be present in shipping manifests. Also included in number 5 is BXW.

For each contaminant, complete at least one line on the following table. If any entries for that contaminant vary by year, fill out additional lines as needed to cover the varying entries for different years. For example, if the annual quantity disposed was x kg for 1952-56 and y kg for 1956-84, use two lines to handle this situation.

Contaminant & CAS Registry Number	Physical Form	Chemical Form	(A)nnual/(T)otal Quantity	Unit	Begin Year	End Year	Samples?	Minimum Value/#Samp	Maximum Value/STD	Basis for Uncertainty
None.										

* If sample data are available, mark Y in the column titled "Samples?" and provide number of samples in the next column and standard deviation in the next column.
If not, mark N and give the minimum value and maximum value.
Additional information or explanations (indicate pertinent contaminant)

For each contaminant, complete at least one line on the following table. If any entries for that contaminant vary by year, fill out additional lines as needed to cover the varying entries for different years. For example, if the annual quantity disposed was x kg for 1952-56 and y kg for 1956-84, use two lines to handle this situation.

Radionuclide	Physical Form	Chemical Form	(A)nnual/(T)otal Quantity	Unit	Begin Year	End Year	Samples?	Minimum Value/#Samp	Maximum Value/STD	Basis for Uncertainty
U-234	Solid particulate.	Metal and oxide.	T .00568000000000	CI	1972	1972	N	-20%	+20%	
U-235	Solid particulate.	Metal and oxide.	T .00018000000000	CI	1972	1972	N	-20%	+20%	
U-238	Solid particulate.	Metal and oxide.	T .00000167000000	CI	1972	1972	N	-20%	+20%	
U-234	Solid particulate.	Metal and oxide.	T .01800000000000	CI	1973	1973	N	-20%	+20%	
U-235	Solid particulate.	Metal and oxide.	T .00057200000000	CI	1973	1973	N	-20%	+20%	
U-238	Solid particulate.	Metal and oxide.	T .00000531000000	CI	1973	1973	N	-20%	+20%	

* If sample data are available, mark Y in the column titled "Samples?" and provide number of samples in the next column and standard deviation in the next column. If not, mark N and give the minimum value and maximum value.

Additional information or explanations (indicate pertinent contaminant)

Personnel that were involved in the reconstruction and refurbishment of TAN 615 indicated that all of the contamination was alpha, which would be expected for an area where enriched U-235 was handled. For purposes of characterizing this waste stream, it was assumed that 95% of the alpha reading, that was taken by the health physicist when monitoring the waste from this job, was due to the alpha activity of U-234. The resulting quantities of U-234, U-235, and U-238 assigned to the waste disposed from the refurbishment of 615 is based on the methodology of determining the appropriate radionuclides involved in 93.4% enriched uranium as provided by the "Health Physics Manual of Good Practices for Uranium Facilities", Rich, 1988. EG&G-2530.

PART E - SOURCES OF INFORMATION AND UNCERTAINTIES - TAN-615-1H

1. Type of source of information:
(check box)

[X] RWMIS [ ] other database
[ ] sample analysis data
[ ] operating records [X] interview
[ ] expert judgment [ ] reports
[X] other
Shipping manifests.

2. Details concerning source (names, report no., dates, etc.)
Harold Rau, INEL, 10 Aug. 1993: remembered tearing out of fuel examination area, contaminated by GE programs. Robert Branson, INEL, 10 Aug. 1993: remembered contaminated areas on south end.

3. Do the estimates of contaminant quantities in Part C and D represent:
[X] best estimate
[ ] worst case
[ ] other

4. If other than best estimate, explain why:
N/A.

5. Do the data conflict with RWMIS?
(Historical or Present Data Only)
[X] no
[ ] yes

6. If yes, explain why:
N/A.

7. Major unknowns in inventories of contaminants:
Breakdown of U radionuclides.

8. Key assumptions used to deal with the unknowns:
Described in Part D.

DATA INPUT FOR HISTORICAL DATA TASK FOR RWMC SUBSURFACE DISPOSAL AREA

PART A - GENERAL INFORMATION HDT - 187

1. Preparer: Henry Peterson

2. Date prepared: 08/31/93

3. Generator: TAN
(area or contractor - use code from attached list)

4. Particular facility: 616
(building number - use code from attached list)

5. Number of waste stream from this facility:
1H

6. Waste stream:
Waste generated in the cleanup of the Liquid Waste Treatment Plant and associated PM-2A Secondary Evaporator.

7. Type of radioactive waste (check box):
[ ] TRU or suspect TRU
[X] LLW
[ ] non-radioactive

8. Actual years disposed of at SDA:
Starting year 1978 Ending year 1982

9. Waste stream volume:
Amount 23.6000 Units Cubic meters.
Check box: [ ] annual or [X] total over all years
Check box: [X] container volume or [ ] waste volume

10. Comments (specify number of pertinent question):
4. TAN 616 was the Liquid Waste Treatment Plant built in 1955, located in the TSF area of TAN. Evaporated salts were collected in 50 kgal Caustic and Sand Tanks 709 and 710 (TAN structures 1709 and 1710), respectively. In 1971 and 1972, tanks 709 and 710 were emptied into a secondary evaporator built from PM2A parts, and solidified by evaporation into two C-steel shipping tanks. These were subsequently buried at RWMC (in 1971 and 1972), but accounted for under TAN 607. In as much as our present interpretations of unidentified beta and gamma waste do not vary between TAN-607 and TAN-616, we choose to leave those entries there, thereby avoiding a data conflict with RWMIS. The evaporation operation was terminated in 1975. The wastes in Tanks 709 and 710 were then solidified in place, in diatomaceous earth and concrete, and shipped to RWMC in 1976. RWMIS, in agreement with the shipping manifests, again accounts for that product under TAN-607. In 1978, nine BXW of waste attributed by RWMIS to TAN-616 were shipped to RWMC. In 1982, four BXW of waste attributed by RWMIS to the PM2A-evaporator were shipped to RWMC. These two shipments constitute the waste stream reported here. They may correspond to Smith's (1983) mention of a FY80 effort to characterize the PM2A-area, resulting in the collection, boxing, and RWMC-burial of radioactive cement and paint.

1. General physical form (see attached list)
Unknown.
[ ] other (specify)

2. Details on physical form(particularly confinement related)
Unknown.

3. Chemical form:
Unknown.

4. Inner packaging: [ ] plastic bag [X] plastic liner
[ ] metal liner [ ] none [ ] other (specify)

5. Waste container type (see attached list)
Wooden box.

6. Other characteristics of interest:
None.

7. Comments (specify number of pertinent question):
4. Virtually all TAN waste shipments featured one or more plastic barriers.

For each contaminant, complete at least one line on the following table. If any entries for that contaminant vary by year, fill out additional lines as needed to cover the varying entries for different years. For example, if the annual quantity disposed was x kg for 1952-56 and y kg for 1956-84, use two lines to handle this situation.

Contaminant & CAS Registry Number	Physical Form	Chemical Form	(A)nnual/(T)otal Quantity	Unit	Begin Year	End Year	Samples?	Minimum Value/#Samp	Maximum Value/STD	Basis for Uncertainty
None.										

* If sample data are available, mark Y in the column titled "Samples?" and provide number of samples in the next column and standard deviation in the next column.
If not, mark N and give the minimum value and maximum value.
Additional information or explanations (indicate pertinent contaminant)

For each contaminant, complete at least one line on the following table. If any entries for that contaminant vary by year, fill out additional lines as needed to cover the varying entries for different years. For example, if the annual quantity disposed was x kg for 1952-56 and y kg for 1956-84, use two lines to handle this situation.

Radionuclide	Physical Form	Chemical Form	(A)nnual/(T)otal Quantity	Unit	Begin Year	End Year	Samples?	Minimum Value/#Samp	Maximum Value/STD	Basis for Uncertainty
Cs-137	Unknown.	Unknown.	T .08280000000000	CI	1978	1978	N			
H-3	Unknown.	Unknown.	T .11000000000000	CI	1978	1978	N			
Sr-90	Unknown.	Unknown.	T .03680000000000	CI	1978	1978	N			
Tc-99	Unknown.	Unknown.	T .00000000575000	CI	1978	1978	N			
Co-60	Unknown.	Unknown.	T .00001000000000	CI	1982	1982	N			
Cs-137	Unknown.	Unknown.	T .00010000000000	CI	1982	1982	N			

* If sample data are available, mark Y in the column titled "Samples?" and provide number of samples in the next column and standard deviation in the next column. If not, mark N and give the minimum value and maximum value.

Additional information or explanations (indicate pertinent contaminant)

Curies of unidentified beta and gamma as well as MAP and MFP were interpreted into isotopic proportions in the following manner: base proportions were taken as those from a TAN questionnaire (Plansky and Hoiland, 1992) plus current INEL practices; proportions for additive nuclides were taken for Class C candidate nuclides, except those which could be discounted on a scientific basis, according to 5 year averages of TRA/NRF waste shipments to RWMC.

PART E - SOURCES OF INFORMATION AND UNCERTAINTIES - TAN-616-1H

1. Type of source of information:
(check box)

[X] RWMIS [ ] other database
[ ] sample analysis data
[ ] operating records [ ] interview
[ ] expert judgment [X] reports
[ ] other

2. Details concerning source (names, report no., dates, etc.)
Donald L. Smith, "Final Report Decontamination and Decommissioning of TAN Radioactive Liquid Waste Evaporator System (PM-2A)", EGG-2236, March 1983. L.E. Plansky and S.A. Hoiland, "Analysis of the Low-Level Waste Radionuclide Inventory for the Radioactive Waste Management Complex Performance Assessment", EGG-WM-9857, June 1992, Revision 1, pp. 126-134.

3. Do the estimates of contaminant quantities in Part C and D represent:
[X] best estimate
[ ] worst case
[ ] other

4. If other than best estimate, explain why:

5. Do the data conflict with RWMIS?
(Historical or Present Data Only)
[X] no
[ ] yes

6. If yes, explain why:

7. Major unknowns in inventories of contaminants:

8. Key assumptions used to deal with the unknowns:

DATA INPUT FOR HISTORICAL DATA TASK FOR RWMC SUBSURFACE DISPOSAL AREA

PART A - GENERAL INFORMATION HDT - 167

1. Preparer: Henry Peterson

2. Date prepared: 08/10/93

3. Generator: TAN
(area or contractor - use code from attached list)

4. Particular facility: 620
(building number - use code from attached list)

5. Number of waste stream from this facility:
1H

6. Waste stream:
Minor radioactive waste from the IET Control and Equipment Building.

7. Type of radioactive waste (check box):
[ ] TRU or suspect TRU
[X] LLW
[ ] non-radioactive

8. Actual years disposed of at SDA:
Starting year 1983 Ending year 1983

9. Waste stream volume:
Amount 0.7900 Units Cubic meters.
Check box: [ ] annual or [X] total over all years
Check box: [X] container volume or [ ] waste volume

10. Comments (specify number of pertinent question):
4. Facility is the Control and Equipment Building located in the IET area of TAN.

1. General physical form (see attached list)
Other scrap metals.
[ ] other (specify)

2. Details on physical form(particularly confinement related)
Unknown.

3. Chemical form:
Metal.

4. Inner packaging: [ ] plastic bag [X] plastic liner
[ ] metal liner [ ] none [ ] other (specify)

5. Waste container type (see attached list)
Unknown.

6. Other characteristics of interest:
None.

7. Comments (specify number of pertinent question):
4. Virtually all TAN waste shipments featured one or more plastic barriers.

For each contaminant, complete at least one line on the following table. If any entries for that contaminant vary by year, fill out additional lines as needed to cover the varying entries for different years. For example, if the annual quantity disposed was x kg for 1952-56 and y kg for 1956-84, use two lines to handle this situation.

Contaminant & CAS Registry Number	Physical Form	Chemical Form	(A)nnual/(T)otal Quantity	Unit	Begin Year	End Year	Samples?	Minimum Value/#Samp	Maximum Value/STD	Basis for Uncertainty
None.										

* If sample data are available, mark Y in the column titled "Samples?" and provide number of samples in the next column and standard deviation in the next column.
If not, mark N and give the minimum value and maximum value.
Additional information or explanations (indicate pertinent contaminant)

For each contaminant, complete at least one line on the following table. If any entries for that contaminant vary by year, fill out additional lines as needed to cover the varying entries for different years. For example, if the annual quantity disposed was x kg for 1952-56 and y kg for 1956-84, use two lines to handle this situation.

Radionuclide	Physical Form	Chemical Form	(A)nnual/(T)otal Quantity	Unit	Begin Year	End Year	Samples?	Minimum Value/#Samp	Maximum Value/STD	Basis for Uncertainty
Co-58	Metal.	Unknown.	T .00150000000000	CI	1983	1983	N			
Co-60	Metal.	Unknown.	T .00600000000000	CI	1983	1983	N			

* If sample data are available, mark Y in the column titled "Samples?" and provide number of samples in the next column and standard deviation in the next column.
If not, mark N and give the minimum value and maximum value.
Additional information or explanations (indicate pertinent contaminant)

PART E - SOURCES OF INFORMATION AND UNCERTAINTIES - TAN-620-1H

1. Type of source of information:
(check box)

[ ] RWMIS [ ] other database
[ ] sample analysis data
[ ] operating records [ ] interview
[ ] expert judgment [X] reports
[ ] other

2. Details concerning source (names, report no., dates, etc.)
L.E. Plansky and S.A. Hoiland, "Analysis of the Low-Level Waste Radionuclide Inventory for the Radioactive Waste Management Complex Performance Assessment", EGG-WM-9857, June 1992, Revision 1, pp. 126-134.

3. Do the estimates of contaminant quantities in Part C and D represent:
[X] best estimate
[ ] worst case
[ ] other

4. If other than best estimate, explain why:

5. Do the data conflict with RWMIS?
(Historical or Present Data Only)
[ ] no
[X] yes

6. If yes, explain why:
RWMIS contains no data for TAN 620.

7. Major unknowns in inventories of contaminants:

8. Key assumptions used to deal with the unknowns:

DATA INPUT FOR HISTORICAL DATA TASK FOR RWMC SUBSURFACE DISPOSAL AREA

PART A - GENERAL INFORMATION HDT - 168

1. Preparer: Henry Peterson

2. Date prepared: 08/10/93

3. Generator: TAN
(area or contractor - use code from attached list)

4. Particular facility: 623
(building number - use code from attached list)

5. Number of waste stream from this facility:
1H

6. Waste stream:
Minor radioactive wastes from sewage pumphouse.

7. Type of radioactive waste (check box):
[ ] TRU or suspect TRU
[X] LLW
[ ] non-radioactive

8. Actual years disposed of at SDA:
Starting year 1974 Ending year 1983

9. Waste stream volume:
Amount 8.2000 Units Cubic meters.
Check box: [ ] annual or [X] total over all years
Check box: [X] container volume or [ ] waste volume

10. Comments (specify number of pertinent question):
4. Facility is the Sewage Pumphouse, located in the TSF area of TAN.
6. 1974 shipment of 1mCi unidentified beta from TAN 623 is clearly different from the 1974 shipment of 1mCi unidentified beta from TAN 711 (same sewage area of TSF).

1. General physical form (see attached list)
Combustibles (paper, cloth, wood, etc.).
[ ] other (specify)

2. Details on physical form(particularly confinement related)
Dry sewage.

3. Chemical form:
Unknown.

4. Inner packaging: [ ] plastic bag [X] plastic liner
[ ] metal liner [ ] none [ ] other (specify)

5. Waste container type (see attached list)
Metal barrel.

6. Other characteristics of interest:
None.

7. Comments (specify number of pertinent question):
4. Virtually all TAN waste shipments featured one or more plastic barriers.

For each contaminant, complete at least one line on the following table. If any entries for that contaminant vary by year, fill out additional lines as needed to cover the varying entries for different years. For example, if the annual quantity disposed was x kg for 1952-56 and y kg for 1956-84, use two lines to handle this situation.

Contaminant & CAS Registry Number	Physical Form	Chemical Form	(A)nnual/(T)otal Quantity	Unit	Begin Year	End Year	Samples?	Minimum Value/#Samp	Maximum Value/STD	Basis for Uncertainty
None.										

* If sample data are available, mark Y in the column titled "Samples?" and provide number of samples in the next column and standard deviation in the next column.
If not, mark N and give the minimum value and maximum value.
Additional information or explanations (indicate pertinent contaminant)

For each contaminant, complete at least one line on the following table. If any entries for that contaminant vary by year, fill out additional lines as needed to cover the varying entries for different years. For example, if the annual quantity disposed was x kg for 1952-56 and y kg for 1956-84, use two lines to handle this situation.

Radionuclide	Physical Form	Chemical Form	(A)nnual/(T)otal Quantity	Unit	Begin Year	End Year	Samples?	Minimum Value/#Samp	Maximum Value/STD	Basis for Uncertainty
Co-60	Dry sewage.	Unknown.	T .00009600000000	CI	1974	1974	N			
Cs-137	Dry sewage.	Unknown.	T .00063000000000	CI	1974	1974	N			
Pu-241	Dry sewage.	Unknown.	T .00000002800000	CI	1974	1974	N			
Sr-90	Dry sewage.	Unknown.	T .00027000000000	CI	1974	1974	N			
Tc-99	Dry sewage.	Unknown.	T .00000000002000	CI	1974	1974	N			

* If sample data are available, mark Y in the column titled "Samples?" and provide number of samples in the next column and standard deviation in the next column. If not, mark N and give the minimum value and maximum value.

Additional information or explanations (indicate pertinent contaminant)

Curies of unidentified beta and gamma as well as MAP and MFP were interpreted into isotopic proportions in the following manner: base proportions were taken as those from a TAN questionnaire plus current INEL practices; proportions for additive nuclides were taken for Class C candidate nuclides, except those which could be discounted on a scientific basis, according to 5 year averages of TRA/NRF waste shipments to RWMC.