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DWPFASTXL: DEFENSE WASTE PROCESSING FACILITY ALGORITHM FOR SOURCE TERMS FOR EXCEL (U)

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DWPFASTXL: Defense Waste Processing Facility Algorithm for Source Terms for Excel (U)

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ABSTRACT

The tool used to analyze the progression of accidents in the DWPF is called an Accident Progression Event Tree (APET). The APET methodology groups analyzed progressions into a series of bins, based on similarities in their characteristics. DWPFASTXL is an Excel spreadsheet that can be used to calculate radiological source terms and consequences for these accident progression bins.

This document presents the calculations used in version 2.0 of the DWPFASTXL spreadsheet. This revision of DWPFASTXL has been written to complete the debugging of version 1.0, and to reconfigure the spreadsheet to model the new bin attribute table developed for the latest revision of the DWPF safety analyses.

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1.0 INTRODUCTION

Section 1.0 of this report introduces the background, purpose, and quality assurance requirements of the DWPFASTXL spreadsheet. Section 2.0 describes the DWPFASTXL Version 2.0 spreadsheet, including logic flow, input, output, data structures, and the actual equations used. Section 3.0 describes the configuration control associated with the spreadsheet. Section 4.0 provides instructions for installing and executing DWPFASTXL. Section 5.0 presents the testing done to ensure that the DWPFASTXL results are valid. Section 6.0 contains the references.

This report also contains five appendices: Appendix 1 contains the current bin attribute table employed by the DWPF accident analyses, Appendix 2 contains a printout of the DWPFASTXL spreadsheet, Appendix 3 contains a listing of the cell formulas and variables used in DWPFASTXL, Appendix 4 presents the output from the testing performed in section 5.0, and Appendix 5 contains a glossary of acronyms.

1.1 Introduction

The tool used to analyze the progression of accidents in the DWPF is called an Accident Progression Event Tree (APET) [5]. The APET methodology groups analyzed progressions into a series of bins, based on similarities in their characteristics. Each bin is characterized by a multicharacter bin identification, in which each individual character (each character is referred to as a bin dimension) represents a specific attribute of the facility during the described progressions (currently DWPF APET bins contain 19 dimensions). This translation is achieved using the current bin attribute table. For example, Appendix 1 is the current bin attribute table for the DWPF APET.

The DWPF Algorithm for Source Terms (DWPFAST) is a FORTRAN program that reads in these accident progression bins, and calculates an individual radiological source term for each one [7]. These data are then used in the integrated risk analysis.

To determine the radiological consequences from an individual accident progression bin, a spreadsheet called DWPFASTXL has been developed on Microsoft Excel for Windows Version 4.0. This spreadsheet inputs the bin identification of an individual accident progression and calculates both the source term and the on- and offsite radiological consequences for that progression. This report documents the algorithm, theory, execution, and quality assurance of version 2.0 of the DWPFASTXL spreadsheet. The spreadsheet itself is presented in Appendix 2, while the cell formulas are listed in Appendix 3.

1.2 Quality Assurance

Per 1Q, QAP 20-1, Revision 3, Section 2.4, user developed applications such as Excel spreadsheets are excluded from the normal software QA described in QAP 20-1, if the input and output are verified by one of the design verification processes described in E7. Per E7-2.40, Revision 0, Section 5.3, design verification may be accomplished through document review, interdisciplinary evaluation, qualification testing, or alternate calculations. Given that DWPFASTXL (via this report) has been verified per E7-2.40, the equations and logic contained in DWPFASTXL have already been qualified for the current version of the spreadsheet.

Therefore, if the current version of DWPFASTXL is used for a critical calculation, the input and output must be reviewed per E7-2.40 to satisfy the quality assurance requirements; but, the reviewer should bear in mind that the spreadsheet equations and logic have already been qualified.

1.3 Background

The original DWPFAST code was written in 1993 and was based on the PRAST [6] code, which was developed for the K-Reactor probabilistic safety assessment. DWPFAST was designed to calculate individual source terms for large groups of DWPF accident progressions, mainly for use in the integrated risk analysis section of the safety analyses. However, DWPFAST could also be run in point-estimate mode, which would produce source term results for individual accident progressions.

When input variables were changed frequently, however, DWPFAST's point-estimate mode was time-consuming and unwieldy to use. Therefore, the original version of DWPFASTXL (version 1.0) was drafted to replace the DWPFAST point-estimate mode calculations. Furthermore, consequence calculations were incorporated into version 1.0 of DWPFASTXL, so that the spreadsheet would calculate radiological doses, as well as source terms.

However, since development of version 1.0 of DWPFASTXL was not begun until after the DWPF Mode A/B accident analyses were completed, the spreadsheet was never debugged, documented, or used for any critical application. Version 2.0 of DWPFASTXL, therefore, has been written to finish debugging version 1.0, and to reconfigure the spreadsheet to model the new bin attribute table developed for the latest revision of the DWPF safety analyses (Appendix 1).

2.0 METHOD

Microsoft Excel for Windows Version 4.0 allows cells or groups of cells (arrays) to be assigned a variable name. This variable name can then be used in other cell formulas as opposed to identifying the cell or group of cells by column and row number. Throughout this document, the names assigned to specific cells or groups of cells will be defined. Refer to Appendix 2 for a printout of the DWPFASTXL spreadsheet (with typical input values). Refer to Appendix 3 for a listing of the formula contents of each individual cell in DWPFASTXL (for typical input values), as well as a listing of the variable names used in DWPFASTXL.

2.1 Input

The following blocks of cells contain the input data which must be entered by the user.

2.1.1 Bin Identification Blocks

The bin identification for the accident progression to be analyzed by DWPFASTXL is input in the block of cells located in the upper left-hand corner of the spreadsheet. Later in the spreadsheet, the bin identification is translated into an accident progression using the bin attribute table given in Appendix 1. For example, using Appendix 1, a bin identification of "CFFDHGGAHGFEBBBBBED" indicates that everything in the facility is operating normally

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(Normal Operation, No Release, etc.) except that the SME has detonated (see the 'A' character code in the eighth dimension which corresponds to SME Detonation in Appendix 1).

The first column of cells in this block, labeled Dim, lists the variable names for the numeric codes corresponding to each of the 19 dimensions in the bin. The actual numeric codes corresponding to each of the 19 dimensions are input by the user into the second column, labeled Current. Each individual bin dimension numeric code in this column is assigned a variable name of the form DIM_x, where x is the ordinal of the dimension in question (the variables names shown in the first column of this block).

The numeric code for a bin dimension refers to the ordinal number (in the bin attribute table, Appendix 1) of the possible bin attribute being represented by that dimension's character code. For example, a "B" for the ninth dimension of a bin identification represents a SRAT deflagration (see Appendix 1). The corresponding numeric code for this bin dimension would be "2," since a deflagration is the second possible attribute for the SRAT in the bin attribute table (see Appendix 1).

Since the bin attributes are listed in alphabetic order by their character codes in the bin attribute table (see Appendix 1), the zth letter of the alphabet corresponds to the zth possible attribute. Therefore, the user can translate the bin dimensions (characters) of a given bin identification into numeric dimension codes by equating A with 1, B with 2, and so on.

The next column to the right, labeled *Default*, lists the default numeric code for each dimension; the codes representing normal or default conditions (no release, normal operation, etc.). The cells in the last column in the block, labeled *Error*, will remain blank if the corresponding bin dimension numeric codes in the *Current* column are valid. The bin attribute translation is designed so that the largest allowable bin dimension code (i.e., the endmost character in the alphabet) corresponds to the normal or default operation state; thus, any input code higher than the default setting must be an error. Therefore, if a current numeric code is greater than the default numeric code for that dimension, an error message ("ERROR") is generated in the corresponding cell in the *Error* column. An error will also be indicated if a bin dimension code is less than one, since such codes cannot equate to any bin attribute in the bin attribute table (Appendix 1).

Further down, past the operation mode cell, is another block of three columns. The first column, labeled Dim, lists the 19 bin dimensions. The second column, labeled ID, echoes the numeric bin dimension codes input above, by translating the numeric codes in the Current column into the corresponding character codes used in the bin identification. The third column contains a short label for each dimension that identifies the facility characteristic described by the dimension (i.e., the SRAT, the MFT, zone 1 ventilation, etc.).

2.1.2 Operation Mode

On the left edge of the spreadsheet is a cell labeled *Mode*. This cell refers to the operation mode for DWPF (mode A/B or mode C), and is used to determine which curie balance to use for the calculation of source terms and consequences. If mode A/B operation is to be modeled (simulated precipitate stream, hot sludge stream), the user must enter a one in this cell. If mode C operation is to be modeled (hot precipitate and sludge streams), the user must enter a two in this cell. This number is assigned the name, Operation_Mode.

2.1.3 Input Parameters Blocks

The input parameters used by DWPFASTXL are located in the right-most blocks of columns, labeled INPUT PARAMETERS. This section is further sub-divided into blocks labeled TANK VOLUMES, MISC VALUES, EXPL. AERO. MASSES, RELEASE FRACTIONS, RELEASE RATES, CELL DFS, VIT. BLDG. DFS, SAND FILTER DFS, LPPP HEPA DFS, LPPP BLDG. DFS, CURIE BALANCE, CB - Modes A&B, and CB - Mode C. Each block of input data is described separately below. Note that all of the input parameters in these blocks are assigned variable names (described below).

The actual values used for these data are chosen and manually input by the user. However, note that the variables associated with the OECT and the OEV are not used in the current version of DWPFASTXL, since their radiological contributions are negligible compared to the other tanks of interest.

Tank Volumes

This block contains the volumes of the tanks modeled in DWPFASTXL. The first column in the block lists the variable names for each of the tank volumes; and, the second column lists the values assigned to each tank volume, in units of gallons. The user must input the values in the second column. Table 1 presents the individual tank volumes defined in this block, as well as the variable names assigned to them.

Table 1: Tank Volumes

Tank	Variable
OWST	VOWST
LPPPST	VLPST
LPPPPT	VLPPT
LPPPRT	VLPRT
PR	VPR
PRFT	VPRFT
PRBT	VPRBT
SME	VSME
SRAT	VSRAT
MFT	VMFT
Melter	VMLT
RCT	VRCT
OEV	VOEV
OECT	VOECT

Misc Values

This block of data contains miscellaneous input parameters. The first column lists the variable names assigned to the parameters in this block, the second column lists the input values assigned to the parameters, and the third column lists the required units for the input values. The user must input the values in the second column. Table 2 presents the variable names, descriptions, and units for these parameters.

Table 2: Misc. Values

Variable	Description	Units
VUCRS	volume of material aerosolized due to an uncontrolled reaction in the SPC	gal
VUCRC	volume of material aerosolized due to an uncontrolled reaction in the CPC	gal
VUCRSPL	volume of material spilled due to an uncontrolled reaction	gal
MROG	mass of melter offgas released due to a melter offgas explosion (or other event leading to loss of offgas containment)	lb
MCAN	mass of glass in one filled canister	lb
VMSPL	volume of a partial melter spill	gal
VOVFL	volume of material spilled due to a tank overflow	gal
VLEAKP	volume of material spilled due to a leak in the LPPP	gal
VLEAKC	volume of material spilled due to a leak in the CPC	gal
VLEAKS	volume of material spilled due to a leak in the SPC	gal
RHO	density of the sludge and precipitate streams	kg/gal
RHOB	density of liquid benzene	kg/gal
RHOGL	density of molten glass	lb/gal
RHOG	density of melter offgas	lb/ft ³

Expl. Aero. Masses

This block of data contains the explosive aerosolization masses used in DWPFASTXL. These data are the masses of material made airborne and respirable due to detonations or deflagrations in a given tank or cell. Except for the SPC and OWST, each of the vessels or cells modeled here can experience either a detonation or a deflagration (the RCT, LPPPRT, and the other cells are omitted, since current modeling indicates they cannot detonate or deflagrate during the time periods of interest). Since different amounts of material will be aerosolized depending on the type of explosion, each of the explosive aerosolization variables for these tanks is an array of two

numbers (two-column, one-row array), where the first value is the detonation mass and the second value is the deflagration mass. SPC vapor cloud explosions and OWST vessel explosions are only modeled to occur as deflagrations, so the explosive aerosolization variables for the SPC and OWST are single-value variables.

For all vessels except the SPC and OWST, the first column in this block lists the variable names for the explosive aerosolization parameters, the second column lists the explosive aerosolization masses following a deflagration, and the fourth column lists the applicable units (all masses are in kilograms). The user must input the values in the second and third columns. For the SPC and OWST, the first column in this block lists the appropriate variable names, the second column lists the explosive aerosolization masses following a deflagration, and the third column lists the applicable units (all masses are in kilograms). The user must input the values in the second column. Note that the deflagration aerosolization mass for the OWST is not currently used in DWPFASTXL (see section 2.3.1). Table 3 lists the explosive aerosolization mass variables and their associated tanks/cells.

Table 3: Explosive Aerosolization Masses

Tank/Cell	Variable
OWST	RLEXOW
LPPPPT	RLEXLPPT
LPPPST	RLEXLPST
PR	RLEXPR
PRFT	RLEXPRFT
PRBT	RLEXPRBT
SME	RLEXSME
SRAT	RLEXSRAT
MFT	RLEXMFT
OECT	RLEXOECT
SPC	RLEXSPC
OEV	RLEXOEV

Release Fractions

This block of data contains the individual isotope release fractions for splashing, SPC benzene fires, glass canister releases, melter spills, and tornadoes. Release fractions in this sense are the fractions of available inventory that are made airborne and respirable by the given event. Splashing refers to aerosolization caused by material spilling from a damaged or fallen tank, SPC benzene fires refers to aerosolization caused by burning a benzene layer over a layer of precipitate in the SPC, canister releases refers to glass fines becoming airborne and respirable due to canister shearing, melter spills refers to radionuclide volatilization from partial or total molten glass spills from the melter, and tornadoes refer to resuspension of OWST available inventory due to tornado-induced high-winds. Since a given release fraction can vary from isotope to isotope, and DWPFASTXL models thirteen individual isotopes (see *Curie Balance* section), each release

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fraction is defined as an array of thirteen values (one-column, thirteen-row arrays), with each value in the array equivalent to the release fraction for a specific isotope. The first column in the release fraction data block presents the individual isotopes, and the next five columns present the individual release fraction for splashing, SPC benzene fires, canister releases, melter spills, and tornadoes, respectively. The user must input the values in the five release fraction columns. The order of the isotopes in each release fraction array is the same as is used in the curie balances (see Curie Balance section). Table 4 lists the names of the release fraction variable arrays, for each of the five types of release fractions.

Table 4: Release Fraction Arrays

Release Fraction	Array Name
Splashing	RFSPLSH
SPC Benzene Fires	RFFIRE
Canister Releases	RFCR
Melter Spills	RFMSPL
Tornadoes	RFTOR

Release Rates

This block of data contains information related to release fraction rates: release fractions that are defined in terms of the fraction of available inventory that is made airborne and respirable per unit time. The first two variables defined in this block are RFLEAK and RFVENT. Both of these are two-column (one-row) arrays, with the first element in each array corresponding to a release fraction rate applicable when local ventilation is operating, and the second element corresponding to a release fraction rate applicable when local ventilation is not operating. RFLEAK is the release fraction rate for resuspension from pools, and RFVENT is the release fraction rate for resuspension from vented tanks. These release rates are in units of fraction per second, and are applied to inventories in the vitrification building and the LPPP. The four values (two values each for RFLEAK and RFVENT) must be input by the user.

The next two parameters in this block are single-value variables named DURSHT and DURLNG. DURSHT is the recovery time following a non-catastrophic event (leak, overflow, uncontrolled reaction, etc.), and DURLNG is the recovery time following a catastrophic event (explosion, earthquake, etc.). The recovery times are used to determine the amount of time the release fraction rates are applicable following an event (it is assumed that source term generation will be stopped by the end of the applicable recovery time). Both durations are in units of seconds, and must be input by the user.

Cell DFs

This block of data contains the decontamination factors provided by the CPC, SPC, and melter cell. A decontamination factor is an indication of the amount of initially released airborne radioactive material that does not ultimately escape confinement (due to surface deposition or filter capture). The decontamination factor for a room or filter is defined as the ratio of the

amount of radioactive material entering the room or filter to the amount leaving the room or filter. Each of the three cell decontamination factors defined in this block are actually variable arrays of thirteen rows by two columns, named CPCDF, SPCDF, and MCDF, for the CPC, SPC, and melter cell, respectively. The thirteen rows correspond to the thirteen isotopes modeled by DWPFASTXL (see *Curie Balance* section), and the two columns refer to whether or not the cell covers are intact (the first column of a given array is applicable when the cell covers have failed, and the second column is applicable when the cell covers are intact).

The first column in this block lists the thirteen isotopes of interest, the next two columns contain CPCDF, the next two columns contain SPCDF, and the last two columns contain MCDF. The user must input the values in the six decontamination factor columns of this block.

Vit. Bldg. DFs

This block of data contains the decontamination factor provided by the vitrification building. This decontamination factor can differ for each of the thirteen isotopes modeled (see *Curie Balance* section) and for each of the five possible states of the zone 1 ventilation system. Therefore, the vitrification building decontamination factor variable, VITDF, is a thirteen row by five column array. The five possible states of the zone 1 ventilation system are shown in Table 5 (these ventilation states also apply to the sand filter decontamination factor, SNDDF).

The first column in this block lists the thirteen modeled isotopes. The next five columns contain the individual isotope decontamination factors for the five ventilation states. The user must input the values for these five columns.

Table 5: Zone 1 Ventilation States for VITDF and SNDDF

Column #	Ventilation State
1	Building Collapse
2	Building Breach - No Vent.
3	Building Breach - Yes Vent.
4	Ventilation Failure
5	Normal Operation

Sand Filter DFs

This block of data contains the decontamination factor provided by the zone 1 ventilation sand filter. This decontamination factor can differ for each of the thirteen isotopes modeled (see *Curie Balance* section) and for each of the five possible states of the zone 1 ventilation system. Therefore, the sand filter decontamination factor variable, SNDDF, is a thirteen row by five column array. The five possible states of the zone 1 ventilation system are shown in Table 5 (these ventilation states also apply to the vitrification building decontamination factor, VITDF).

The first column in this block lists the thirteen modeled isotopes. The next five columns contain the individual isotope decontamination factors for the five ventilation states. The user must input the values for these five columns.

LPPP HEPA DFs

This block of data contains the decontamination factor provided by the LPPP HEPA filters. This decontamination factor can differ for each of the thirteen isotopes (see *Curie Balance* section) modeled and for each of the four possible states of the LPPP ventilation system. Therefore, the LPPP HEPA decontamination factor variable, LPFLDF, is a thirteen row by four column array. The four possible states of the LPPP ventilation system are shown in Table 6 (these ventilation states also apply to the LPPP decontamination factor, LPBDDF).

The first column in this block lists the thirteen modeled isotopes. The next four columns contain the individual isotope decontamination factors for the four ventilation states. The user must input the values for these four columns.

Table 6: LPPP Ventilation States for LPFLDF and LPBDDF

Column #	Ventilation State
1	Building Breach - No Vent.
2	Ventilation Failure
3	Building Breach - Yes Vent.
4	Normal Operation

LPPP Bldg. DFs

This block of data contains the decontamination factor provided by the LPPP itself. This decontamination factor can differ for each of the thirteen isotopes (see *Curie Balance* section) modeled and for each of the four possible states of the LPPP ventilation system. Therefore, the LPPP decontamination factor variable, LPBDDF, is a thirteen row by four column array. The four possible states of the LPPP ventilation system are shown in Table 6 (these ventilation states also apply to the LPPP HEPA decontamination factor, LPFLDF).

The first column in this block lists the thirteen modeled isotopes. The next four columns contain the individual isotope decontamination factors for the four ventilation states. The user must input the values for these four columns.

Curie Balance

This block of data contains the Curie balance used by DWPFASTXL. DWPFASTXL models eleven process streams and thirteen specific isotopes in each stream. The thirteen isotopes represent over 99.9% of the potential inhalation dose from DWPF (based on the current Curie balance [1]); and, the eleven streams characterize all of the specific vessels modeled in DWPFASTXL. The modeled streams are described in Table 7. Note that although streams 18,

19, and 212 are listed in this block (and in Table 7), they are not currently used by DWPFASTXL in the calculation of source terms or consequences.

Table 7: Stream Descriptions

Stream Number	Stream Description
1	Sludge feed to DWPF
3	SPC to SRAT
7	SRAT to SME
18	Undefined
19	Undefined
23	Melter Offgas
24	Molten glass
91	Recycled waste
201	Precipitate feed to DWPF
212	PRD to OEV
222	OWST feed

A single stream is used to model all releases from a given vessel, as shown in Table 8.

Table 8: Characteristic Streams

Tank	Stream
OWST	222
LPPPST	1
LPPPPT	201
LPPPRT	91
PR	3
PRFT	201
PRBT	3
SME	7
SRAT	7
MFT	7
RCT	91
Melter	24
Melter OG	23
Canisters	24

The thirteen isotopes modeled in DWPFASTXL are presented in Table 9. Note that the order of the isotopes shown in this table is the same order that will be used for the thirteen isotopes throughout DWPFASTXL, in all arrays and cell blocks based on the thirteen isotopes.

Table 9: Isotopes

#	Isotope
1	H3
2 -	Sr90
3	Ru106
4	Cs134
5	Cs137
6	Ce144
7.	Pm147
8	Pu238
9	Pu239
10	Pu240
11	Pu241
12	Am241
13	Cm244

The first column of the Curie balance block lists the thirteen isotopes, and the next eleven columns list the radioactive contents of each of the eleven streams listed in Table 7. Except for streams 23 and 24, the units are Ci/gal. For stream 23, the units are Ci/ft³, and for stream 24 the units are Ci/lb. A thirteen-row by one-column array named Stream x is defined for each stream, where x is the stream number and the thirteen rows correspond to the thirteen isotopes in Table 9.

Actual Curie balance data is not input by the user in this block, however. Instead, the entire data-containing section of the block (eleven stream-columns by thirteen isotope-rows), is defined as an unnamed array containing a single IF-THEN-ELSE statement. This statement refers to the Operation Mode variable defined in section 2.1.2. If the operation mode is A/B (Operation Mode = 1), the data-containing section of the block will be set equal to the variable array Mode AB, which contains the Mode A/B data given in the next block, CB - Modes A&B. If the operation mode is C (Operation Mode = 2), the array Mode C is used, which contains the data from the CB - Mode C block.

CB - Modes A&B

The first column of this block lists the thirteen isotopes, and the next eleven column lists the radioactive contents of each of the eleven streams during Mode A/B operation. If mode A/B is to be modeled, the user must input the values for each of the thirteen rows in each of the eleven columns of this block (zeros may be input for streams 18, 19, and 212 since they are not currently used in DWPFASTXL). Except for streams 23 and 24, the units are Ci/gal. For stream 23, the units are Ci/ft³, and for stream 24 the units are Ci/lb. A thirteen-row by eleven-column array

named Mode_AB is defined to include all of the data-containing cells in this block, for use in the Curie Balance block described above.

CB - Mode C

The first column of this block lists the thirteen isotopes, and the next eleven column lists the radioactive contents of each of the eleven streams during Mode C operation. If mode C is to be modeled, the user must input the values for each of the thirteen rows in each of the eleven columns of this block (zeros may be input for streams 18, 19, and 212 since they are not currently used in DWPFASTXL). Except for streams 23 and 24, the units are Ci/gal. For stream 23, the units are Ci/ft³, and for stream 24 the units are Ci/lb. A thirteen-row by eleven-column array named Mode_C is defined to include all of the data-containing cells in this block, for use in the Curie Balance block described above.

2.1.4 Release Location

The last input datum required for DWPFASTXL is the release location. DWPFASTXL can calculate radiological consequences based on one of three possible release locations: the zone 1 ventilation stack, the vitrification building (ground release), or the LPPP (ground release). The release location is defined in a cell to the right of the dose calculation block, at the bottom of the spreadsheet. This cell, labeled RELEASE LOCATION, contains an integer (1, 2, or 3) and is assigned the name RELEASE_LOCATION. A text table following the cell defines which RELEASE_LOCATION value corresponds to each release location:

RELEASE_LOCATION Value	Release Location
1	Zone 1 Stack
2	Vitrification Building
3	LPPP

Based on the desired release location and the above table, the user must input a 1, 2, or 3 in the RELEASE LOCATION cell.

2.2 Language/Hardware Specifications

DWPFASTXL is a spreadsheet written for Microsoft Excel for Windows Version 4.0. It is only designed to be used with this version of Excel for Windows, or with Microsoft Excel for the Macintosh Version 4.0. DWPFASTXL will run on any computer that can run either of these versions of Excel.

2.3 Program

The following sections describe the calculations performed by DWPFASTXL, using the input data described in section 2.1.

2.3.1 OWST Source Term Block

The first block in the middle region of the spreadsheet, labeled *OWST*, calculates the source term due to events in the OWST. Note that the array index i in the following equations refers to each of the thirteen isotopes (i.e., i = 1 to 13). The first column lists the thirteen isotopes for which source terms are individually calculated. The second column, labeled *BEG INV*, calculates the beginning inventory of the OWST, by multiplying the Stream_222 array (section 2.1.3) by the VOWST variable (Table 1), yielding the total activity (Ci) in the OWST.

The next three columns (referred to herein as the explosion sub-block) calculate the source term that would result from an OWST explosion (deflagrations only; OWST detonations are not possible). For the OWST, the floating roof in the inner tank prevents any significant direct aerosolization from an explosion. Instead, the explosion is modeled to cause a tank failure leading to a fire (therefore, the explosive aerosolization mass contained in RLEXOW is not used in this version of DWPFASTXL). The entire OWST inventory is assumed to be available for release in this event.

The first of these three columns, labeled SPLASHING, calculates the amount of respirable inventory aerosolized by the OWST inventory splashing onto the ground, using the following equation for each isotope:

Release = Inventory * RFSPLSH(i)

where the result is in Curies and RFSPLSH is the release fraction due to splashing (Table 4). Note that this equation is only used if the bin dimension numeric code for the OWST indicates that an explosion has occurred (through the use of an IF-THEN-ELSE function); otherwise, a zero is assigned to this column.

The next column, labeled *INV AF SPLSH*, in the explosion sub-block calculates the remaining inventory after the splashing release by subtracting the above release from the beginning inventory. Note that if an explosion has not occurred, the previous column would be zero, and this column would be equal to the beginning inventory.

The final column in the explosion sub-block, labeled *FIRE*, calculates the additional amount of material made airborne and respirable by a benzene fire following the tank rupture and splashing. This fire release is calculated using the following equation:

Release = Post-Splashing Inventory * 1.0

where the result is in Curies. Since the radionuclides are dissolved directly in the highly volatile benzene in the OWST inventory, a release fraction of 1.0 is assumed (which differs from the SPC benzene fire, which assumes that the majority of the radionuclides are in the precipitate material layer under the burning benzene layer). Note that this equation is only used if the bin dimension numeric code for the OWST indicates that an explosion has occurred (through the use of an IF-THEN-ELSE function); otherwise, a zero is assigned to this column.

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The next column after the explosion sub-block in the OWST source term block, labeled TORNADO, calculates the amount of material made airborne and respirable following a tornado. The entire OWST inventory is assumed to be available for release during a tornado.

This release is calculated using the following equation:

Release = Beginning Inventory * RFTOR(i)

where the result is in Curies and RFTOR is the release fraction due to tornadoes (Table 4). The beginning inventory is the amount of material in the OWST, calculated in the second column of the OWST block. Note that this equation is only used if the bin dimension numeric code for the OWST indicates that a tornado has occurred (through the use of an IF-THEN-ELSE function); otherwise, a zero is assigned to this column.

The final column in the OWST block, labeled OWST RELEASE, totals the source term from all release mechanisms in the previous columns. The columns that are summed are SPLASHING, FIRE, and TORNADO. Note that if any or all of these events did not occur according to the bin dimension numeric code, those specific columns would contain zeros, which would not contribute to the final OWST source term. The set of thirteen individual isotope releases (total activity in Curies released per isotope) calculated for the OWST in this column is defined as a thirteen-row by one-column array called OWST_RELEASE.

2.3.2 LPPP, SPC, and CPC Vessel Source Term Blocks

The next ten blocks of cells calculate the source terms for the ten tanks modeled in the LPPP, SPC, and CPC: LPPPST, LPPPPT, LPPPRT, PR, PRFT, PRBT, SME, SRAT, MFT, and RCT. Since the equations used are the same for these blocks (except for some specific points which will be called out), they are all treated together in this section. Note that the array index i in the following equations refers to each of the thirteen isotopes (i.e., i = 1 to 13).

The first column in each vessel source term block lists the thirteen isotopes for which source terms are individually calculated. The second column in each block calculates the beginning inventory of the tanks, by multiplying the appropriate stream array, Stream_x (where x is the appropriate stream number given in Table 8), by the appropriate tank volume variable (Table 1), yielding the total activity in the given vessel (Ci).

The remaining fourteen columns in each block are divided into the following sections (or sub-blocks): explosion, splashing, leak, venting, uncontrolled reaction, overflow, and release. Each sub-block is described separately below.

Explosion

The next five columns in each block calculate the source term that would result from a tank explosion (detonation or deflagration). A detonation release is modeled to consist of an explosive aerosolization release, followed by a splashing release (aerosolization due to tank rupture and complete spill of the contents) due to the tank being ruptured by the force of the explosion. The material spilled on the floor is then modeled to be released through resuspension. For an explosion, the entire tank inventory is assumed to be available for release.

Although the force of a deflagration alone is insufficient to splash a tank, these same releases are assumed to apply for a deflagration as well (explosive aerosolization, splashing, resuspension) since a deflagration will cause the applicable cell covers to be dislodged, which can then fall on the deflagrating tank and splash it. In most cases, however, the cell covers would not fall on the deflagrating tank; and, the tank would be vented rather than splashed. However, since a deflagrating tank can be splashed a significant percentage of the time, DWPFASTXL conservatively assumes that a deflagration in one of these tanks is always followed by a splashing release (splashing results in a larger source term than venting), as is assumed for the detonation model.

The first of the five columns in each explosion sub-block, labeled DAR (direct aerosol release), calculates the amount of respirable inventory aerosolized by the explosion, using the following equation for each isotope:

Release =
$$RLEX?(j) * Stream_x(i) / RHO$$

where the result is in Curies, RLEX?(j) refers to the appropriate explosive aerosolization mass array (Table 3), Stream x refers to the appropriate stream contents array (where x is the appropriate stream number given in Table 8), and RHO refers to the sludge/precipitate density (Table 2). Using an IF-THEN-ELSE statement, RLEX?(1) is used if the bin dimension numeric code indicates a detonation, and RLEX?(2) is used if the code indicates a detonation (see section 2.1.3). Note that this equation is only used if the bin dimension numeric code for the given tank indicates that an explosion has occurred (through the use of an IF-THEN-ELSE function); otherwise, a zero is assigned to this column. In addition, if the bin attribute table indicates that an explosion is not modeled for a given tank, this column is automatically set to zero in that tank's block.

The next column in each explosion sub-block, labeled *INV AF DAR*, calculates the remaining inventory after the explosive aerosolization release by subtracting the above release from the beginning inventory. Note that if an explosion has not occurred, the previous column would be zero, and this column would be equal to the beginning inventory.

The next column in each explosion sub-block, labeled *SPLASHING*, calculates the splashing release following the explosion, using the following equation for each isotope:

Release = Post-Explosion Inventory * RFSPLSH(i)

where the result is in Curies and RFSPLSH is the release fraction due to splashing (Table 4). Note that this equation is only used if the bin dimension numeric code for the given tank indicates that an explosion has occurred (through the use of an IF-THEN-ELSE function); otherwise, a zero is assigned to this column. In addition, if the bin attribute table indicates that an explosion is not modeled for a given tank, this column is automatically set to zero in that tank's block.

The next column in each explosion sub-block, labeled *INV AF SPLSH*, calculates the remaining inventory after the explosive aerosolization and splashing releases by subtracting the above release from the post-explosion inventory. Note that if an explosion has not occurred, the previous column would be zero, and this column would be equal to the beginning inventory.

The final column in each explosion sub-block, labeled *EVAPORATION*, calculates the additional amount of material made airborne and respirable by resuspension from the spilled inventory following the explosion. This release is calculated using the following equation for each isotope:

where the result is in Curies, RFLEAK is the release fraction rate due to pool resuspension (section 2.1.3), and DURLNG is the catastrophic recovery time (section 2.1.3). Since an explosion is a catastrophic event, and will lead to other catastrophic events (fallen cell covers, ruptured tanks, etc.), the catastrophic recovery time is used. The array index, j, in RFLEAK refers to the state of building ventilation: RFLEAK(1) is used if ventilation is operating, and RFLEAK(2) is used if ventilation is not operating (see section 2.1.3). The following IF-THEN-ELSE logic is used to determine the value of j for LPPP tanks:

since the variable DIM_19 holds the bin dimension numeric code for the 19th dimension (section 2.1.1), the 19th bin dimension (Appendix 1) contains the LPPP ventilation state, and Table 6 indicates that LPPP ventilation is operating for a ventilation state of 3 or 4 (C or D), and not operating for a ventilation state of 1 or 2 (A or B).

For SPC and CPC tanks, the following IF-THEN-ELSE logic is used to determine the value of j:

since the variable DIM_18 holds the bin dimension numeric code for the 18th dimension (section 2.1.1), the 18th bin dimension (Appendix 1) contains the zone 1 ventilation state, and Table 5 indicates that zone 1 ventilation is operating for a ventilation state of 3 or 5 (C or E), and not operating for a ventilation state of 1, 2 or 4 (A, B, or D).

Note that the EVAPORATION column equation is only used if the bin dimension numeric code for the given tank indicates that an explosion has occurred (through the use of an IF-THEN-ELSE function); otherwise, a zero is assigned to this column. In addition, if the bin attribute table indicates that an explosion is not modeled for a given tank, this column is automatically set to zero in that tank's block.

Splashing

The next three columns in each vessel source term block calculate the source term that would result from a splashing event. Note that a splashing event, as modeled in this sub-block, is not accompanied by a detonation or deflagration of the given tank. Instead, it is usually caused by one of the following: falling cell covers, a seismic event, or collateral damage from a nearby tank explosion. Such a release is modeled to consist of splashing aerosolization due to the tank falling and/or becoming ruptured, followed by resuspension from the spilled material. For a splashing event, the entire tank inventory is assumed to be available for release.

The first column in each splashing sub-block, labeled SPLASHING, calculates the amount of material made airborne and respirable by splashing. This release is calculated using the following equation for each isotope:

Release = Beginning Inventory * RFSPLSH(i)

where the result is in Curies and RFSPLSH is the release fraction due to splashing (Table 4). The beginning inventory is used because only one given sub-block will be active for any given bin dimension numeric code for a tank: if the splashing sub-block is active for a given tank, the bin dimension numeric code will reflect this, and the spreadsheet IF-THEN-ELSE structures will ensure that the explosion sub-block releases equal zero (thus, the entire beginning inventory would be available for the splashing sub-block). Note that this equation is only used if the bin dimension numeric code for the given tank indicates that a splashing event has occurred (through the use of an IF-THEN-ELSE function); otherwise, a zero is assigned to this column.

The second column in each splashing sub-block, labeled *INV AF SPLSH*, calculates the remaining inventory after the splashing release by subtracting the above release from the beginning inventory. Note that if a splashing event has not occurred, the previous column would be zero, and this column would be equal to the beginning inventory.

The final column in each splashing sub-block, labeled *EVAPORATION*, calculates the additional amount of material made airborne and respirable by resuspension following the splashing. This release is calculated using the following equation for each isotope:

Release = Post-Splashing Inventory * RFLEAK(j) * DURLNG

where the result is in Curies, RFLEAK is the release fraction rate due to pool resuspension (section 2.1.3), and DURLNG is the catastrophic recovery time (section 2.1.3). Since splashing is the result of a catastrophic event (fallen cell covers, explosions, earthquake, etc.), the catastrophic recovery time is used. The array index, j, in RFLEAK refers to the state of building ventilation: RFLEAK(1) is used if ventilation is operating, and RFLEAK(2) is used if ventilation is not operating (see section 2.1.3). To determine the value of j, the same IF-THEN-ELSE logic used in the explosion sub-blocks is employed here.

Note that the EVAPORATION column equation is only used if the bin dimension numeric code for the given tank indicates that a splashing event has occurred (through the use of an IF-THEN-ELSE function); otherwise, a zero is assigned to this column.

Leak

The first column following the splashing sub-block in each vessel source term block, labeled *LEAK*, calculates the source term due to a simple leak from the given vessel. Leaks from tanks result in the formation of pools, from which material can be released through resuspension. Only the pool inventory is considered to be available for release during a leak event. This release is calculated using the following equation for each isotope:

where the result is in Curies, VLEAK? refers to the appropriate leak volume variable (VLEAKP for LPPP tanks, VLEAKS for SPC tanks, or VLEAKC for CPC tanks; see Table 2), Stream_x refers to the appropriate stream contents array (where x is the appropriate stream number given in Table 8), RFLEAK is the release fraction rate due to pool resuspension (section 2.1.3), and DURSHT is the non-catastrophic recovery time (section 2.1.3). Since a leak does not create serious repercussions for the plant that would affect recovery, the non-catastrophic recovery time is used. The array index, j, in RFLEAK refers to the state of building ventilation: RFLEAK(1) is used if ventilation is operating, and RFLEAK(2) is used if ventilation is not operating (see section 2.1.3). To determine the value of j, the same IF-THEN-ELSE logic used in the explosion subblocks is employed here.

Note that this column equation is only used if the bin dimension numeric code for the given tank indicates that a leak event has occurred (through the use of an IF-THEN-ELSE function); otherwise, a zero is assigned to this column.

Venting

The next column in each vessel source term block, labeled *VENTING*, calculates the amount of material made airborne and respirable by resuspension from a tank vented to the cell atmosphere. Tank venting is normally due to a failure of the process vessel vent system (due to explosion, cell cover failure, etc.). The entire tank contents are assumed to be available for release during this event.

This release is calculated using the following equation for each isotope:

Release = Beginning Inventory * RFVENT(j) * DURLNG

where the result is in Curies, RFVENT is the release fraction rate due to resuspension from a vented tank (section 2.1.3), and DURLNG is the catastrophic recovery time (section 2.1.3). Since venting is the result of a catastrophic event (fallen cell covers, explosions, etc.), the catastrophic recovery time is used. The array index, j, in RFVENT refers to the state of building ventilation: RFVENT(1) is used if ventilation is operating, and RFVENT(2) is used if ventilation is not operating (see section 2.1.3). To determine the value of j, the same IF-THEN-ELSE logic used in the explosion sub-blocks for RFLEAK is employed here.

Note that this column equation is only used if the bin dimension numeric code for the given tank indicates that a tank venting event has occurred (through the use of an IF-THEN-ELSE function); otherwise, a zero is assigned to this column. In addition, if the bin attribute table indicates that a tank venting event is not modeled for a given tank, this column is automatically set to zero in that tank's block.

Uncontrolled Reaction

The next column in each vessel source term block, labeled *UNC'D RC'N*, calculates the amount of material made airborne and respirable due to an uncontrolled reaction in the given tank. DWPFASTXL models uncontrolled reactions by assuming a direct aerosol release from the affected tank, followed by a spill. The spill is modeled to form a pool, from which material is

released due to resuspension. Only the pool volume is assumed to be available for resuspension release.

The release is calculated using the following equation for each isotope:

Release = (Pool Resuspension Release) + (Direct Aerosolization Release)

Release = $(RFLEAK(j) * DURSHT * VUCRSPL * Stream_x(i)) + (VUCR? * Stream_x(i))$

where the result is in Curies, VUCR? refers to the volume of material directly aerosolized by the reaction (VUCRS for SPC tanks or VUCRC for CPC tanks; see Table 2), VUCRSPL is the volume of material spilled during an uncontrolled reaction (from which resuspension can occur; Table 2), Stream x refers to the appropriate stream contents array (where x is the appropriate stream number given in Table 8), RFLEAK is the release fraction rate due to pool resuspension (section 2.1.3), and DURSHT is the non-catastrophic recovery time (section 2.1.3). Since an uncontrolled reaction does not create serious repercussions for the plant that would affect recovery, the non-catastrophic recovery time is used. The array index, j, in RFLEAK refers to the state of building ventilation: RFLEAK(1) is used if ventilation is operating, and RFLEAK(2) is used if ventilation is not operating (see section 2.1.3). To determine the value of j, the same IF-THEN-ELSE logic used in the explosion sub-blocks is employed here.

Note that this column equation is only used if the bin dimension numeric code for the given tank indicates that an uncontrolled reaction has occurred (through the use of an IF-THEN-ELSE function); otherwise, a zero is assigned to this column. In addition, if the bin attribute table indicates that an uncontrolled reaction is not modeled for a given tank, this column is automatically set to zero in that tank's block.

Overflow

The next column in each vessel source term block, labeled *OVERFLOW*, calculates the source term due to an overflow of the given tank. Overflows from tanks result in the formation of pools, from which material can be released through resuspension. Only the pool inventory is considered to be available for release during an overflow event.

This release is calculated using the following equation for each isotope:

where the result is in Curies, VOVFL is the volume of material spilled during an overflow (Table 2), Stream_x refers to the appropriate stream contents array (where x is the appropriate stream number given in Table 8), RFLEAK is the release fraction rate due to pool resuspension (section 2.1.3), and DURSHT is the non-catastrophic recovery time (section 2.1.3). Since an overflow does not create serious repercussions for the plant that would affect recovery, the non-catastrophic recovery time is used. The array index, j, in RFLEAK refers to the state of building ventilation: RFLEAK(1) is used if ventilation is operating, and RFLEAK(2) is used if ventilation is not operating (see section 2.1.3). To determine the value of j, the same IF-THEN-ELSE logic used in the explosion sub-blocks is employed here.

Note that this column equation is only used if the bin dimension numeric code for the given tank indicates that an overflow has occurred (through the use of an IF-THEN-ELSE function); otherwise, a zero is assigned to this column.

Release

The last two columns, in each LPPP, SPC, and CPC vessel source term block, calculate the net source term due to the given vessel. The first of these two columns, labeled DF, calculates the decontamination factor applicable to the source term in question. For LPPP tanks, the combined decontamination factor for the LPPP and LPPP HEPA filters is calculated using the following equation for each isotope:

Decontamination Factor = LPBDDF(i, DIM_19) * LPFLDF(i, DIM_19)

where LPBDDF is the decontamination factor due to the LPPP itself (section 2.1.3), LPFLDF is the decontamination factor due to the LPPP HEPA filters (section 2.1.3), and DIM_19 is the numeric code for the 19th bin dimension (section 2.1.1). Note that, since decontamination factors are ratios of material in to material out, it is appropriate to multiply decontamination factors for consecutive barriers.

The row index for the two decontamination factor arrays, i, refers to each of the thirteen isotopes (i.e., i = 1 to 13). The column index, DIM_19, refers to the four possible LPPP ventilation states (Table 6). The possible numeric codes defined in the bin attribute table for the 19th bin dimension (see Appendix 1) are identical, in order and definition, to the four LPPP ventilation states that the decontamination factor arrays are based on (see Table 6). Therefore, using DIM_19 as the column index for the LPBDDF and LPFLDF arrays will ensure that the appropriate LPPP and LPPP HEPA decontamination factors are used.

For SPC tanks, the combined decontamination factor for the salt process cell, vitrification building, and sand filter is calculated using the following equation for each isotope:

Decontamination Factor = SPCDF(i, DIM_16) * VITDF(i, DIM_18) * SNDDF(i, DIM_18)

where SPCDF is the decontamination factor due to the SPC itself (section 2.1.3), VITDF is the decontamination factor due to the vitrification building (section 2.1.3), SNDDF is the decontamination factor due to the zone 1 ventilation sand filter (section 2.1.3), DIM_16 is the numeric code for the 16th bin dimension (section 2.1.1), and DIM_18 is the numeric code for the 18th bin dimension (section 2.1.1). Note that, since decontamination factors are ratios of material in to material out, it is appropriate to multiply decontamination factors for consecutive barriers.

The row index for the three decontamination factor arrays, i, refers to each of the thirteen isotopes (i.e., i = 1 to 13). The column index for the SPC decontamination factor, DIM_16, refers to the two possible cell cover states (failed or intact; see section 2.1.3). The column index for the vitrification building and sand filter decontamination factors, DIM_18, refers to the five possible zone 1 ventilation states (Table 5). The same argument used to justify the use of the DIM_19 variable as the column index for the LPPP decontamination factor arrays also applies to the use of DIM_16 and DIM_18 for the decontamination factor arrays discussed here.

For CPC tanks, the combined decontamination factor for the chemical process cell, vitrification building, and sand filter is calculated using the following equation for each isotope:

Decontamination Factor = CPCDF(i, DIM 15) * VITDF(i, DIM 18) * SNDDF(i, DIM 18)

where CPCDF is the decontamination factor due to the CPC itself (section 2.1.3), VITDF is the decontamination factor due to the vitrification building (section 2.1.3), SNDDF is the decontamination factor due to the zone 1 ventilation sand filter (section 2.1.3), DIM_15 is the numeric code for the 15th bin dimension (section 2.1.1), and DIM_18 is the numeric code for the 18th bin dimension (section 2.1.1). Note that, since decontamination factors are ratios of material in to material out, it is appropriate to multiply decontamination factors for consecutive barriers.

The row index for the three decontamination factor arrays, i, refers to each of the thirteen isotopes (i.e., i = 1 to 13). The column index for the CPC decontamination factor, DIM_15, refers to the two possible cell cover states (failed or intact; see section 2.1.3). The column index for the vitrification building and sand filter decontamination factors, DIM_18, refers to the five possible zone 1 ventilation states (Table 5). The same argument used to justify the use of the DIM_19 variable as the column index for the LPPP decontamination factor arrays also applies to the use of DIM_15 and DIM_18 for the decontamination factor arrays discussed here.

The final column in each LPPP, SPC, and CPC vessel source term block calculates the total source term for all release mechanisms modeled in that block, as modified by the combined decontamination factor calculated for the given vessel. For each of the ten vessels, the following equation is used for each isotope:

Total Source Term = Sum of All Source Term Columns / DF Column

which yields Curies. The columns that are summed in a given block to yield the total predecontamination source term for each LPPP, SPC, and CPC block are: DAR (explosion subblock), SPLASHING (explosion subblock), EVAPORATION (explosion subblock), SPLASHING (splashing sub-block), EVAPORATION (splashing sub-block), LEAK, VENTING, UNC'D RC'N, and OVERFLOW. Note that if any or all of these events did not occur according to the bin dimension numeric code, those specific columns would contain zeros, which would not contribute to the final source term.

For each LPPP, SPC, and CPC vessel source term block, the set of thirteen individual isotope releases (total activity in Curies released per isotope) calculated in this column is defined as a thirteen-row by one-column array called ?TANK?_RELEASE, where ?TANK? is the name of the given vessel, as shown in Table 10.

Table 10: LPPP, SPC, and CPC Vessel Source Term Arrays

Vessel	Array Name
LPPPST	LPPPST_RELEASE
LPPPPT	LPPPPT_RELEASE
LPPPRT	LPPPRT_RELEASE
PR	PR_RELEASE
PRFT	PRFT_RELEASE
PRBT	PRBT_RELEASE
SME	SME_RELEASE
SRAT	SRAT_RELEASE
MFT	MFT_RELEASE
RCT	RCT_RELEASE

2.3.3 Melt Cell Source Term Block

The next block of cells below the last LPPP, SPC, and CPC source term block, labeled *Melt Cell*, calculates the source term for melt cell events. Note that the array index i in the following equations refers to each of the thirteen isotopes (i.e., i = 1 to 13).

The first column in this block lists the thirteen isotopes for which source terms are individually calculated. The second column, labeled *Total Melt Inv*, calculates the total beginning inventory of the melter using the following equation for each isotope:

Beginning Inventory = VMLT * Stream_24(i) * RHOGL

where the results are in Curies, VMLT is the melter glass volume (Table 1), Stream_24 is the molten glass stream contents array (Table 7), and RHOGL is the density of the stream 24 glass (Table 2). The stream 24 density (lb/gal) is necessary in this equation because the stream 24 Curie balance is in units of activity per unit mass (Ci/lb), while the melter capacity is in units of volume (gal).

The next column, labeled TOT. Release, calculates the source term due to a total melter release. In this postulated event, the entire molten contents of the melter are assumed to be spilled into the melt cell catch pan, while the melter offgas inventory is released into the melt cell. Radioisotopes are released from the molten glass pool (probably due to high-temperature volatilization) and through the escape of the offgas inventory. The most likely initiator for this event would be a large inadvertent injection of water into the melter which would result in steam overpressurization.

This release is calculated using the following equation for each isotope:

Release = (Release from Molten Glass) + (Release from Melter Offgas)

Release = (Beginning Inventory * RFMSPL(i)) + (Stream_23(i) * 0.6 lb / RHOG)

where the results are in Curies, RFMSPL is the release fraction for melter spills (Table 4), Stream_23 is the melter offgas stream contents array (Table 7), and RHOG is the melter offgas density (Table 2). The first term calculates the release from the spilled glass; while the second term calculates the additional source term provided by the melter offgas release (the melter offgas system inventory is 0.6 lb [3]). Since the melter offgas would most likely be freed by any event that spilled glass from the melter, and since it is a gas (thus, respirable), the total instantaneous melter offgas inventory is assumed to be made airborne and respirable.

Note that this equation is only used if the bin dimension numeric code for the melt cell indicates that a total melter release has occurred (through the use of an IF-THEN-ELSE function); otherwise, a zero is assigned to this column.

The next two columns calculate the source term due to a partial melter release. In this postulated event, a small part of the molten contents of the melter is spilled into the melt cell catch pan, accompanied by a release of the melter offgas inventory. Radioisotopes are released from the molten glass pool (probably due to high-temperature volatilization) and through the escape of the offgas inventory. The most likely cause for this event would be a small inadvertent injection of water into the melter which would result in steam overpressurization.

The first of these two columns, labeled *Part Melt Inv*, calculates the inventory available for release during a partial melter spill, using the following equation for each isotope:

Partial Melter Inventory = VMSPL * Stream_24(i) * RHOGL

where the results are in Curies, VMSPL is the volume of glass spilled during a partial melter release (Table 2), Stream_24 is the molten glass stream contents array (Table 7), and RHOGL is the density of the stream 24 glass (Table 2). The stream 24 density (lb/gal) is necessary in this equation because the stream 24 Curie balance is in units of activity per unit mass (Ci/lb), while the spill is in units of volume (gal).

The next column, labeled *PMS Release*, calculates the actual source term resulting from a partial melter spill, using the following equation for each isotope:

Release = (Release from Molten Glass) + (Release from Melter Offgas)

Release = (Partial Melter Inventory * RFMSPL(i)) + (Stream_23(i) * 0.6 lb / RHOG)

where the results are in Curies, RFMSPL is the release fraction for melter spills (Table 4), Stream_23 is the melter offgas stream contents array (Table 7), and RHOG is the melter offgas density (Table 2). The first term calculates the release from the spilled glass; while the second term calculates the additional source term provided by the melter offgas release (the melter offgas system inventory is 0.6 lb [3]). Since the melter offgas would most likely be freed by any event

that spilled glass from the melter, and since it is a gas (thus, respirable), the total instantaneous melter offgas inventory is assumed to be made airborne and respirable.

Note that this equation is only used if the bin dimension numeric code for the melt cell indicates that a partial melter release has occurred (through the use of an IF-THEN-ELSE function); otherwise, a zero is assigned to this column.

The next two columns calculate the source term due to an isolated melter offgas release. In this postulated event, an explosion in the melter offgas system (or other event leading to loss of offgas containment) releases the offgas inventory and vents the molten glass to the melt cell. The high-temperature glass in the melter then continues to generate offgas (which escapes to the melt cell) until the molten glass is cooled down or the offgas system integrity is restored. The initial explosion (or other loss-of-containment event) is also modeled to create sufficient overpressurization in the melter to spill a small volume of glass, from which radionuclides may be released.

The first of these two columns, labeled *Melter Offgas*, calculates the melter offgas inventory available for release, using the following equation for each isotope:

where the results are in Curies, Stream_23 is the melter offgas stream contents array (Table 7), MROG is the mass of offgas released (Table 2), and RHOG is the melter offgas density (Table 2). The input parameter, MROG, is used instead of the instantaneous melter offgas inventory (as was done for the total and partial melter releases above); because, in this event, offgas can continue to be created and released for an extended period following the initial event. In a total or partial melter spill, the offgas produced by any glass remaining in the melter will continue to be processed by the melter offgas system (and thus not be released), while offgas produced by the spilled glass is accounted for in the glass spill release fractions.

The next column, labeled MOGR, calculates the source term, using the following equation for each isotope:

where the results are in Curies, RFMSPL is the release fraction for melter spills (Table 4), Stream_24 is the molten glass stream contents array (Table 7), 2.6 gal is the amount of glass spilled due to overpressurization of the melter, and RHOGL is the glass density (Table 2). The first term calculates the release from the melter offgas release; while the second term calculates the additional source term provided by the spilled glass. Since the melter offgas is a gas (thus, respirable), the release fraction applied to the melter offgas inventory is unity. The amount of glass spilled is taken from reference 3, for a bounding deflagration and a melter offgas system resistance of 10 (in this regard, an explosion should bound other loss-of-containment events).

Note that this equation is only used if the bin dimension numeric code for the melt cell indicates that an isolated melter offgas release has occurred (through the use of an IF-THEN-ELSE function); otherwise, a zero is assigned to this column.

The next two columns calculate the source term from a glass canister release. This release is postulated to be the result of dropping a solid glass cylinder. The glass canister is modeled to shear, allowing glass fines to become airborne and respirable.

The first of these two columns, labeled *Canister*, calculates the canister inventory, using the following equation for each isotope:

where the results are in Curies, Stream_24 is the molten glass stream contents array (Table 7), and MCAN is the mass of glass in a single canister (Table 2).

The next column, labeled MCR, calculates the source term resulting from a canister release, using the following equation for each isotope:

where the results are in Curies and RFCR is the release fraction for canister releases (Table 4). Note that this equation is only used if the bin dimension numeric code for the melt cell indicates that a canister release has occurred (through the use of an IF-THEN-ELSE function); otherwise, a zero is assigned to this column.

The next column in the melt cell source term block, labeled DF, calculates the decontamination factor applicable to the melt cell source term. The combined decontamination factor for the melt cell, vitrification building, and sand filter is calculated using the following equation for each isotope:

where MCDF is the decontamination factor due to the melt cell itself (section 2.1.3), VITDF is the decontamination factor due to the vitrification building (section 2.1.3), SNDDF is the decontamination factor due to the zone 1 ventilation sand filter (section 2.1.3), DIM_17 is the numeric code for the 17th bin dimension (section 2.1.1), and DIM_18 is the numeric code for the 18th bin dimension (section 2.1.1). Note that, since decontamination factors are ratios of material in to material out, it is appropriate to multiply decontamination factors for consecutive barriers.

The row index for the three decontamination factor arrays, i, refers to each of the thirteen isotopes (i.e., i = 1 to 13). The column index for the melt cell decontamination factor, DIM_17, refers to the two possible cell cover states (failed or intact; see section 2.1.3). The column index for the vitrification building and sand filter decontamination factors, DIM_18, refers to the five possible zone 1 ventilation states (Table 5). The same argument used to justify the use of the DIM_19 variable as the column index for the LPPP decontamination factor arrays (see section 2.3.2) also applies to the use of DIM_17 and DIM_18 for the decontamination factor arrays discussed here.

The final column in the melt cell source term block, labeled *MELTER RELEASE*, calculates the total source term for all release mechanisms modeled in the block, as modified by the combined decontamination factor calculated in the preceding column. The following equation is used for each isotope:

Total Source Term = Sum of All Source Term Columns / DF Column

which yields Curies. The columns that are summed to yield the total pre-decontamination source term are: TOT. Release, PMS Release, MOGR, and MCR. Note that if any or all of these events did not occur according to the bin dimension numeric code, those specific columns would contain zeros, which would not contribute to the final source term.

The set of thirteen individual isotope releases (total activity in Curies released per isotope) calculated in this column is defined as a thirteen-row by one-column array called MELTER_RELEASE.

2.3.4 Cell Effects Source Term Block

The last source term block in DWPFASTXL is the cell effects source term block, which consists of three columns to the right of the melt cell source term block. This block calculates the individual source terms due to SPC vapor cloud deflagrations and SPC benzene fires. Note that the array index i in the following equations refers to each of the thirteen isotopes (i.e., i = 1 to 13).

The first column in this block, SPC DEF., calculates the source term due to a ex-vessel vapor cloud deflagration in the SPC. The same type of equation used for vessel deflagrations in section 2.3.2 is used here, for each isotope:

Release = (RLEXSPC * Stream_3(i) / RHO) / PR DF Column

where the result is in Curies, RLEXSPC is the explosive aerosolization mass for an SPC deflagration (Table 3), Stream_3 refers to the stream contents array used to characterize the PR (Table 7), and RHO refers to the sludge/precipitate density (Table 2). In reality, the material released would be a combination of the inventory of the PR and PRFT (the two tanks modeled in the SPC). However, the PR stream (stream 3) has a higher concentration of radionuclides than the PRFT stream (stream 201). Therefore, it is conservative to simplify the code by assuming stream 3 characterizes the cell deflagration. Since the PR and PRFT decontamination factors both model the combined decontamination provided by the SPC, the vitrification building, and the zone 1 ventilation sand filter (the same barriers affecting the SPC deflagration source term), either of them could be used to reduce the SPC deflagration source term. As shown in the above equation, however, the PR decontamination factor is used.

Note that this equation is only used if the bin dimension numeric code for the SPC deflagration indicates that such an event has occurred (through the use of an IF-THEN-ELSE function); otherwise, a zero is assigned to this column.

The second column in this block, SPC FIRE, calculates the source term due to fires in the SPC. SPC fires are modeled as a burning benzene layer floating on top of a precipitate layer on the cell floor. Thus, fires are assumed to only affect inventories that already have release paths. For a tank explosion, splashing, or venting, the entire tank inventory has a release path from the tank, and is therefore considered available for the fire (less any material that has already been released by the explosion, splashing, or venting). For a tank leak, overflow, or uncontrolled reaction, only the spilled volume has a release path from the tank, and is considered available for the fire (less any material that has already been released by the leak, overflow, or uncontrolled reaction). If a tank has experienced no releases in the current progression, no inventory for that tank is available for the fire. Each modeled tank in the SPC (PR and PRFT) is examined using the above assumptions, and its resultant source term is added to the total for the SPC fire source term. The following equation is used for each isotope:

Release = RFFIRE(i) * [(Available PR Inventory - {PR_RELEASE(i) * PR DF Column})
+ (Available PRFT Inventory - {PRFT_RELEASE(i) * PR DF Column})]

/ PR DF Column

where the results are in Curies, RFFIRE is the release fraction for SPC benzene fires (Table 4), and PR_RELEASE and PRFT_RELEASE are the vessel source term arrays for the PR and PRFT (Table 10). In this equation, the available inventories for the PR and PRFT are calculated using the equations described in section 2.3.2 (through the use of IF-THEN-ELSE statements). The amount of material already released is subtracted from the available inventory, where the previous release is obtained from the vessel source term arrays. The vessel source term arrays must be multiplied by the PR decontamination factors in order to account for material trapped by filtration or deposition that is unavailable for the fire (note that the PR and PRFT decontamination factors are identical and may be used interchangeably). The final result is multiplied by the fire release fraction and divided by the PR decontamination factor. Since the PR and PRFT decontamination factors both model the combined decontamination provided by the SPC, the vitrification building, and the zone 1 ventilation sand filter (the same barriers affecting the SPC fire source term), either of them could be used in the above equation to reduce the SPC fire source term.

Note that this equation is only used if the bin dimension numeric code for the SPC fire indicates that such an event has occurred (through the use of an IF-THEN-ELSE function); otherwise, a zero is assigned to this column.

Because the actual formula used in DWPFASTXL to calculate the thirteen individual isotope releases in the SPC fire source term column is too long to be printed out by Excel, the cell formulas listed for these cells in Appendix 3 have been cut short. Therefore, the entire formula used for each of these thirteen cells (T196 to T208) in the SPC FIRE column is reproduced here:

=IF(DiM_14=1,RFFIRE*(((IF(DIM_5=8,0,IF(DIM_5=7,VOVFL*Stream_3,IF(DIM_5=6,VUCRSPL*Stream_3+VUCRS*Stream_3, IF(DIM_5=4,VLEAKS*Stream_3,G74:G86))))-(PR_RELEASE*T74:T86))+(IF(DIM_6=7,0,IF(DIM_6=6,VOVFL*Stream_201, IF(DIM_6=4,VLEAKS*Stream_201,G94:G106)))-(PRFT_RELEASE*T74:T86)))/T74:T86),0)

Refer to Appendix 3 for the specific cell entries referenced in this equation.

The final column in the cell effects source term block, labeled TOTAL EFFECTS, calculates the total source term (in Curies) due to cell effects (fires and ex-vessel explosions) by summing the preceding two columns. Note that if either or both of these events did not occur according to the bin dimension numeric code, those specific columns would contain zeros, which would not contribute to the final source term.

Additionally, note that each of the three columns in this block has an additional row after the thirteen isotope rows that sums the values from all thirteen isotopes in each column. Therefore, the last row in the third column contains the total number of Curies, from all thirteen isotopes, released from DWPF due to cell effects (fires and ex-vessel explosions) during the given progression.

2.3.5 Total Release Block

This block of cells, labeled TOTAL RELEASES, summarizes the source terms calculated earlier, and calculates the total DWPF source term for the given progression. The first column lists the thirteen isotopes, for which source terms are individually calculated. The next twelve columns are set equal to the twelve source term arrays defined earlier (the ten vessel source term arrays given in Table 10, the OWST source term array, and the melt cell source term array). The last column in this block, labeled TOTAL RELEASE (Ci), contains the total DWPF source term for each of the thirteen modeled isotopes (in Curies). This total source term is calculated by summing the source terms from the twelve previous columns and from the TOTAL EFFECTS column in the cell effects source term block.

Additionally, note that each column in the total release block has an additional row after the thirteen isotope rows, labeled *Total*, that sums the values from all thirteen isotopes in each column. Therefore, the last row in the last column contains the total number of Curies, from all thirteen isotopes, released from DWPF during the given progression.

2.3.6 Dose Calculation Block

The next block of cells below the total release block, labeled *DOSE*, calculates the offsite and onsite (co-located) radiological consequences of the given accident progression, based on the source terms calculated in the previous sections of the spreadsheet. The first column lists the thirteen isotopes, for which source terms are individually calculated; and, the second column is set equal to the *TOTAL RELEASE* (Ci) column from the total release block (section 2.3.5).

The next sub-block of three columns, labeled ONSITE DCF (REM/Ci), lists the dose conversion factors (DCFs) for onsite releases from three different release locations: the zone 1 ventilation stack, the vitrification building (ground level), and the LPPP (ground level). These DCFs are given in units of REM/Ci for each of the thirteen isotopes of interest. The three columns of this sub-block are defined as a thirteen-row by three-column array called ONSITE_DCF.

The DCFs for the stack and vitrification building are derived in reference 4 using the AXAIR89Q code (Version 1.2), for a receptor at 640 m and meteorological conditions not exceeded 50% of the time. The DCFs for the LPPP are derived in reference 2 using the AXAIR89Q code (Version

1.2), for a receptor at 640 m and meteorological conditions not exceeded 50% of the time. Note that the quality assurance for AXAIR89Q described in reference 4 also applies to the use of AXAIR89Q in reference 2.

The next sub-block of three columns, labeled OFFSITE DCF (REM/Ci), lists the dose conversion factors (DCFs) for offsite releases from three different release locations: the zone 1 ventilation stack, the vitrification building (ground level), and the LPPP (ground level). These DCFs are given in units of REM/Ci for each of the thirteen isotopes of interest. The three columns of this sub-block are defined as a thirteen-row by three-column array called OFFSITE_DCF.

The DCFs for the stack and vitrification building are derived in reference 4 using the AXAIR89Q code (Version 1.2), for the maximally exposed individual at the site boundary and meteorological conditions not exceeded 99.5% of the time. The DCFs for the LPPP are derived in reference 2 using the AXAIR89Q code (Version 1.2), for the maximally exposed individual at the site boundary and meteorological conditions not exceeded 99.5% of the time. Note that the quality assurance for AXAIR89Q described in reference 4 also applies to the use of AXAIR89Q in reference 2.

The next two columns, labeled ONSITE DOSE (rem) and OFFSITE DOSE (rem), calculate the onsite and offsite effective dose equivalents (EDEs) for the given accident progression, based on the input release location:

Onsite EDE = Total Release Column * ONSITE_DCF(i, RELEASE_LOCATION)

Offsite EDE = Total Release Column * OFFSITE_DCF(i, RELEASE_LOCATION)

where the total releases are in Curies, the EDEs are in REM, RELEASE_LOCATION is the variable containing the numeric code representing the desired release location (section 2.1.4), and the row index for the DCF arrays, i, refers to each of the thirteen isotopes (i.e., i = 1 to 13). The last row in each of these two columns contains a total cell that sums the individual isotope EDEs to yield total DWPF onsite and offsite EDEs for the given accident progression.

The last column in the dose calculation block, labeled Sequence Frequency, only contains one data-cell, into which the user can manually input the sequence frequency for the progression. This datum is not currently used by DWPFASTXL, however.

2.4 Output

The individual vessel source term output (including melt cell source terms) for DWPFASTXL is contained in the block of cells labeled *TOTAL RELEASES* (section 2.3.5), while the source term output due to cell effects (fires and ex-vessel explosions) is contained in the columns of cells labeled *SPC DEF*. and *SPC FIRE* (section 2.3.4). Each source term is output in Curies, for each of the thirteen isotopes of interest (Table 9). The total DWPF isotope-specific source terms are contained in the column labeled *TOTAL RELEASE* (Ci), for each of the thirteen isotopes of interest. The total source term (summed over all isotopes of interest) is contained in the last cell of this column.

The isotope-specific onsite and offsite radiological EDEs are contained in the columns labeled ONSITE DOSE (rem) and OFFSITE DOSE (rem), for each of the thirteen isotopes of interest. The total onsite EDE (summed over all isotopes of interest) is contained in the last cell of the ONSITE DOSE (rem) column, and the total offsite EDE (summed over all isotopes of interest) is contained in the last cell of the OFFSITE DOSE (rem) column.

3.0 CONFIGURATION CONTROL

3.1 Configuration Control

The current version of DWPFASTXL is 2.0. This version number and the date October 14, 1994 are listed at the top of the spreadsheet. Prior to using DWPFASTXL for any critical applications, verify that the correct version is being used, or have the entire spreadsheet re-verified per E7-2.40. Version verification may be accomplished by successfully executing the test cases given in section 5.0.

4.0 INSTALLATION AND EXECUTION

4.1 Installation

DWPFASTXL is contained in the Microsoft Excel for Windows Version 4.0 file DWPFAST.XLS. To install DWPFASTXL in a given drive or directory, simply copy the DWPFAST.XLS file there. Since all of the input and output for DWPFASTXL is self-contained, there are no other requirements.

4.2 Execution

To execute DWPFASTXL, first load the DWPFAST.XLS file into Microsoft Excel for Windows Version 4.0 or Microsoft Excel for the Macintosh Version 4.0. Then, modify the input data described in section 2.1. The output data will automatically appear in the appropriate cells described in section 2.4 (Excel spreadsheets automatically update all of their cells when any input changes).

4.3 Error Messages

There is only one error message written into DWPFASTXL. As described in section 2.1.1, if any of the bin dimension numeric codes input in the *Current* column of the bin identification block are too large, or are less than unity, the message "ERROR" will be output in the corresponding cell in the *Error* column of the bin identification block. If this error message is received, the user should verify that the bin dimension numeric codes input in the *Current* column are valid, with regards to the bin attribute table given in Appendix 1.

5.0 TESTING

5.1 Test Cases

Twenty-five test cases were developed for DWPFASTXL Version 2.0:

```
CFFDHGGHHGFEBBBBBDD
                       No Release
CFFDHGGHAGFEBBBBBED
                       SRAT Detonation
CFFDHGGHBGFEBBBBBED
                       SRAT Deflagration
                       SRAT Detonation, Zone 1 Ventilation Failure
CFFDHGGHAGFEBBBBBDD
                       PR Deflagration, Vit. Building Breach w/o Ventilation PR Deflagration, SPC Fire, Vit. Building Breach w/o
CFFDBGGHHGFEBBBBBBD
CFFDBGGHHGFEBABBBBD
                       Ventilation
CFFDHGGHHGFEABBBBED
                       SPC Deflagration
CBFDHGGHHGFEBBBBBED
                       PPST Deflagration
                       PPST Deflagration, LPPP Ventilation Failure
CBFDHGGHHGFEBBBBBBB
                       OWST Tornado
BFFDHGGHHGFEBBBBBED
                       OWST Deflagration
AFFDHGGHHGFEBBBBBED
                       PPPT Detonation
CFADHGGHHGFEBBBBBED
                       PPPT Detonation, LPPP Breach w/o Ventilation
CFADHGGHHGFEBBBBBEA
CFFDFGGHHGFEBBBBBED
                       PR Uncontrolled Reaction
CFFDHDGHHGFEBBBBBED
                       PRFT Leak
                       PRRT Overflow
CFFDHGFHHGFEBBBBBED
                       Total Melt Release
CFFDHGGHHGFABBBBBED
                       Total Melt Release, Zone 1 Ventilation Failure
CFFDHGGHHGFABBBBBDD
                       Partial Melt Release, Vit. Building Collapse
CFFDHGGHHGFBBBBBBAD
CFFDHGGHHCFEBBBBBED
                       MFT Splash
CFFDHGGHHCFEBBAAAED
                       MFT Splash, All Cell Covers Failed
CFFDHGGHHGCEBBBBBCD
                       RCT Vented, Vit. Building Breach w/Ventilation
CFFCHGGHHGFEBBBBBED
                       PPRT Overflow
CFFDHGGHHGFCBBBBBED
                       Melter Offgas Release
CFFDHGGACBFEBBBBBBD
                       SME Detonation, MFT Deflagration, SRAT Splash, Vit. Building
                       Breach w/o Ventilation
```

These accident progressions represent a full spectrum of different types of release events, including detonations, deflagrations, vapor cloud explosions, leaks, overflows, splashing, uncontrolled reactions, and other events. The required input data for these test cases (except for the actual bin identifications, which are given above) are those included in the DWPFASTXL printout in Appendix 2. Note that the test cases are performed for Operation Mode C; therefore, the input data in the CB - Modes A&B block are not used. Also, note that all the test cases are performed assuming a vitrification building release location (RELEASE_LOCATION = 2).

These test cases were executed on DWPFASTXL Version 2.0 in October 1994, producing the consequence output data given in Appendix 4. These data were found to be identical to consequence data produced by independent hand calculations employing the equations and theory given in this document. Therefore, given the dependence of consequence on source term, these test cases demonstrate that DWPFASTXL correctly calculates radiological source terms and consequences for DWPF accidents. These results have been independently reviewed per the technical review of this document.

6.0 REFERENCES

- 1. Kalinich, D. A., Modified BDR-91 Curie Balance for the DWPF SCI Analysis, M-CLC-S-00309, May 6, 1994.
- 2. Huang, J. C., and Hang, P., DWPF SAR Consequence Determination, SRT-RAM-93-9006, September 7, 1993.
- 3. Hutcheson, M. N., and Henry, R. E., Assessment of the Potential and Consequences of a Hypothetical H₂ and CO Combustion in the Defense Waste and Processing Facility Glass Melter, FAI/83-29, Fauske & Associates, Inc., Burr Ridge, IL, August 1983.
- 4. East, J. M., AXAIR89Q Dose Analysis for Plutonium Vitrification PEIS, S-CLC-S-00018, October 27, 1994.
- 5. Griesmeyer, J. M., and Smith, L. N., A Reference Manual for the Event Progression Analysis Code (EVNTRE), NUREG/CR-5174, SAND88-1607, RG, Sandia National Laboratories, September 1989.
- 6. Kearnaghan, D. P., The Production Reactor Algorithm for Source Terms (PRAST), A Computer Code Used for Estimating Source Terms for SRS Reactors, WSRC-RP-92-700, 1992.
- 7. Gough, S. T., User's Manual for DWPFAST: Defense Waste Processing Facility Algorithm for Source Terms, WSRC-TR-94-0504, October 1994.

APPENDIX 1: CURRENT BIN ATTRIBUTE TABLE

Dim.#	Facility Attribute		Possible States
1	Organic Waste Storage Tank (OWST)	A.	Deflagration
		B.	Tornado
		C.	No Release
2	Low Point Pump Pit Sludge Tank (PPST)	A.	Detonation
		B .	Deflagration
		C.	Splash
·		D.	Leak
		E.	Overflow
	·	F.	No Release
3	Low Point Pump Pit Precipitate Tank (PPPT)	A.	Detonation
		B.	Deflagration
	·	C.	Splash
		D.	Leak
	·	E.	Overflow
		F.	No Release
4	Low Point Pump Pit Recycle Tank (PPRT)	A.	Splash
		B.	Leak
	·	C.	Overflow
		D.	No Release
5	Precipitate Reactor (PR)	A.	Detonation
		В.	Deflagration
		C.	Splash
		D.	Leak
		E.	Vented
	·	F.	Uncontrolled Reaction
		G.	Overflow
		H.	No Release
6	Precipitate Reactor Feed Tank (PRFT)	A.	Detonation
		B.	Deflagration
		C.	Splash
		D.	Leak
		E.	Vented
		F.	Overflow
		G.	No Release
7	Precipitate Reactor Bottoms Tank (PRBT)	A.	Detonation
		B.	Deflagration
		C.	Splash
		D.	Leak
		E.	Vented
		F.	Overflow
		G.	No Release
8	Slurry Mix Evaporator Tank (SME)	A.	Detonation
		B.	Deflagration
		C.	Splash
		D.	Leak
		E.	Vented
		F.	Uncontrolled Reaction
		G.	Overflow
		H.	No Release

	CL I D - i t - I A din to T - I (CD AT)	TA	Detonation
9	Sludge Receipt and Adjustment Tank (SRAT)	A.	
		B.	Deflagration
		C.	Splash
		D.	Leak
ĺ		E.	Vented
		F .	Uncontrolled Reaction
	·	G.	Overflow
)		H.	No Release
10	Melter Feed Tank (MFT)	A.	Detonation
		B.	Deflagration
		C.	Splash
		D.	Leak
	·	E.	Vented
		F.	Overflow
]		G.	No Release
			
11	Recycle Collection Tank (RCT)	A.	Splash
		B.	Leak
1		C.	Vented
		D.	Uncontrolled Reaction
		E.	Overflow
j		F	No Release
12	Melt Cell	A.	Total Melt Release
		B.	Partial Melt Release
		c.	Melter Offgas Release
		D.	Canister Rupture
		E.	No Release
13	Deflagration in the Salt Process Cell (SPC)?	A.	Yes
,	Demagration in the built 1 roces our (b) o).	B.	No
14	Fire in the Salt Process Cell (SPC)?	A.	Yes
[17	The in the Balt Hocess Cen (BIC)	B.	No
15	Chaminal Process Call (CPC) Course	A.	Failed
13	Chemical Process Cell (CPC) Covers	. 1	=
	0.11.70	B	Intact
16	Salt Process Cell (SPC) Covers	A.	Failed
		B.	Intact
17	Melt Cell Covers	A.	Failed
		B.	Intact
18	Zone 1 Ventilation	A.	Vit Building Collapse
		B.	Vit Building Breach Without Ventilation
	·	C.	Vit Building Breach With Ventilation
		D.	Ventilation Failure
		E.	Normal Operation
19	LPPP Ventilation	A.	LPPP Building Breach Without Ventilation
1,	TITE A CHIMATION	B.	Ventilation Failure
		C.	
			LPPP Building Breach With Ventilation
<u> </u>		D.	Normal Operation

APPENDIX 2: DWPFASTXL SPREADSHEET

	_ A	В	<u> </u>	<u> D</u>	E	F	6	<u>н</u>		J	К	
\perp							gical Source Ter	ms and Cons	equences, ve	. 2.0, 10/14/94		
2		S.T.Gou	igh & D.	P.Kear	nagh	חב		ļ	ļ			
-				!					EVOLORION			01110
4 6						OWST	BEG INV	SPLASHING	INV AF SPLSH	FIRE	TORNADO	RELEASE
÷	Dim	Current	Default	Error		H3	3.24E-02	0.00E+00	3.24E-02	0.00E+00	0.00E+00	0.00E+00
7	DIM_1	3	3			SR90	1.24E-07	0.00E+00	1.24E-07	0.00E+00	0.00E+00	0.00E+00
	DIM_2	6	6			RU106	9.74E-12	0.00E+00	9.74E-12	0.00E+00	0.00E+00	0.00E+00
	DIM_3	6	6			CS134	5.15E-08	0.00E+00	5.15E-08	0.00E+00	0.00E+00	0.00E+00
10	DIM_4	4	4			CS137	1.43E-05	0.00E+00	1.43E-05	0.00E+00	0.00E+00	0.00E+00
11	DIM_5			!	L	Œ144	1.58E-12	0.00E+00	1.58E-12	0.00E+00	0.00E+00	0.00E+00
12	DIM_6	7	7	↓		PM147	2.04E-09	0.00E+00 0.00E+00	2.04E-09	0.00E+00 0.00E+00	0.00E+00 0.00E+00	0.00E+00
13 14	DIM_7 DIM_8	8	7	├		PU238 PU239	4.73E-09 4.47E-11	0.00E+00	4.73E-09 4.47E-11	0.00E+00	0.00E+00	0.00E+00 0.00E+00
18	DIM_9	-:	8	 		PU240	3.00E-11	0.00E+00	3.00E-11	0.00E+00	0.00E+00	0.00E+00
16	DIM_10	7	7	 	-	PU241	3.60E-09	9.00E+00	3.60E-09	0.00E+00	0.00E+00	0.00E+00
17	DIM_11	6	6	1		AM241	7.43E-11	0.00E+00	7.43E-11	0.00E+00	0.00E+00	0.00E+00
10	DIM_12	1	5			CM244	3.72E-10 +	0.00E+00	3.72E-10	0.00E+00	0.00E+00	0.00E+00
10		2	2	Ī								
	DIM_14	2	2					4				
21	DIM_15	2	2	ļ					100/45 545	EXPLOSION	100445 001 011	
	DIM_16	2	2	ļ	-	LPPPST H3	BEG INV 1.20E-01	0.00E+00	1.20E-01	SPLASHING 0.00E+00	1.20E-01	EVAPORATION
23	DIM_17	1	5		-	SR90	2.51E+05	0.00E+00	2.51E+05	0.00E+00	2.51E+05	0.00E+00 0.00E+00
24 25	DIM_18 DIM_19	4	4	 		RU106	1.24E+04	0.00E+00	1.24E+04	0.00E+00	1.24E+04	0.00E+00
28	Jun 18	1		1		CS134	8.74E+02	0.00E+00	8.74E+02	0.00E+00	8.74E+02	0.00E+00
27						CS137	8.31E+03	0.00E+00	8.31E+03	0.00E+00	8.31E+03	0.00E+00
28				1		CE144	5.42E+04	0.00E+00	5.42E+04	0.00E+00	5.42E+04	0.00E+00
29						PM147	1.33E+05	0.00E+00	1.33E+05	0.00E+00	1.33E+05	0.00E+00
30						PU238	8.06E+03	0.00E+00	8.06E+03	0.00E+00	8.06E+03	0.00E+00
	Mode	2				PU239	7.01E+01	0.00E+00	7.01E+01	0.00E+00	7.01E+01	0.00E+00
32				ļ		PU240	4.71E+01	0.00E+00	4.71E+01	0.00E+00	4.71E+01	0.00E+00
33	Dim	ID O	OWST	├	ļ	PU241 AM241	9.05E+03	0.00E+00	9.05E+03 5.87E+01	0.00E+00 0.00E+00	9.05E+03 5.87E+01	0.00E+00
35	DIM_1 DIM_2	C F	PPST	├	-	CM244	5.87E+01 5.83E+02	0.00E+00	5.83E+02	0.00E+00	5.83E+02	0.00E+00 0.00E+00
36	DIM_3	F	PPPT	 	-	CMIL	3.502.102	0.502.40	3.502.02	0.002.100	3.03E - 0g	0.002-00
37	DIM_4	Ď	PPRT									
38	DIM_5		PR							EXPLOSION		
39	DIM_6	G	PRFT			LPPPPT	BEG INV	DAR	INV AF DAR	SPLASHING	INV AF SPLSH	EVAPORATION
40	DIM_7	g	PRST			Н3	5.85E-01	0.00E+00	5.85E-01	0.00E+00	5.85E-01	0.00E+00
41	DIM_8	Н	SME	<u> </u>		SR90	2.58E+03	0.00E+00	2.58E+03	0.00E+00	2.58E+03	0.00E+00
42	DIM_8	н	SRAT	 		RU106	2.03E-01	0.00E+00	2.03E-01	0.00E+00	2.03E-01	0.00E+00
43	DIM_10 DIM_11	G	MFT	├		CS134	1.07E+03	0.00E+00	1.07E+03	0.00E+00	1.07E+03	0.00E+00
	DIM_12		Melt	 		CS137 CE144	2.97E+05 3.30E-02	0.00E+00 0.00E+00	2.97E+05 3.30E-02	0.00E+00 0.00E+00	2.97E+05 3.30E-02	0.00E+00 0.00E+00
	DIM_13	8	SPC-VC	 		PM147	4.24E+01	0.00E+00	4.24E+01	0.00E+00	4.24E+01	0.00E+00
	DIM_14	8	SPC-F	 	-	PU238	9.88E+01	0.00E+00	9.88E+01	0.00E+00	9.88E+01	0.00E+00
48	DIM_15	В	CPC-C			PU239	9.30E-01	0.00E+00	9.30E-01	0.00E+00	9.30E-01	0.00E+00
49	DIM_16	В	SPC-C			PU240	6.27E-01	0.00E+00	6.27E-01	0.00E+00	6.27E-01	0.00E+00
50	DIM_17	В	Melt-C	<u> </u>		PU241	7.49E+01	0.00E+00	7.49E+01	0.00E+00	7.49E+01	0.00E+00
	DIM_18	A	Z1-V	<u> </u>	L	AM241	1.55E+00	0.00E+00	1.55E+00	0.00E+00	1.55E+00	0.00E+00
	DIM_19	D	Tbbb-A	-		CM244	7.75E+00	0.00E+00	7.75E+00	0.00E+00	7.75E+00	0.00E+00
53				├ ──	_		ļ <u></u>		ļ			
54 55			 						 	EVEL CRICK		
56			-			LPPPRT	BEG INV	DAR	INV AF DAR	EXPLOSION SPLASHING	INV AF SPLSH	EVAPORATION
57				 	-	НЗ	1.24E-01	0.00E+00	1.24E-01	0.00E+00	1.24E-01	0.00E+00
58			·		-	SR90	4.26E+02	0.00E+00	4.26E+02	0.00E+00	4.26E+02	0.00E+00
59						RU106	4.07E+01	0.00E+00	4.07E+01	0.00E+00	4.07E+01	0.00E+00
60						CS134	3.74E+01	0.00E+00	3.74E+01	0.00E+00	3.74E+01	0.00E+00
61						CS137	6.10E+03	0.00E+00	6.10E+03	0.00E+00	6.10E+03	0.00E+00
82						CE144	9.06E+01	0.00E+00	9.06E+01	0.00E+00	9.06E+01	0.00E+00
3				-		PM147	2.23E+02	0.00E+00	2.23E+02	0.00E+00	2.23E+02	0.00E+00
64 65				 	 	PU238	1.36E+01	0.00E+00	1.36E+01	0.00E+00	1.36E+01	0.00E+00 0.00E+00
68				+		PU239 PU240	1.19E-01 8.00E-02	0.00E+00	1.19E-01 8.00E-02	0.00E+00 0.00E+00	1.19E-01 8.00E-02	0.00E+00
67				 	 	PU241	1.53E+01	0.00E+00	1.53E+01	0.00E+00	1.53E+01	0.00E+00
68						AM241	1.01E-01	0.00E+00	1.01E-01	0.00E+00	1.01E-01	0.00E+00
69						CM244	9.91E-01	0.00E+00_	9.91E-01	0.00E+00	9.91E-01	0.00E+00
70											l	
71												
72										EXPLOSION		
73				-	<u> </u>	PR	BEG INV	DAR	INV AF DAR	SPLASHING	INV AF SPLSH	EVAPORATION
74					-	H3	7.99E-01	0.00E+00	7.99E-01	0.00E+00	7.99E-01	0.00E+00
75			 			SR90	3.57E+03	0.00E+00	3.57E+03	0.00E+00	3.57E+03	0.00E+00
76 77			 			RU106	2.81E-01	0.00E+00	2.81E-01	0.00E+00	2.81E-01	0.00E+00
78		 		+	 	CS134 CS137	1.49E+03 4.11E+05	0.00E+00	1.49E+03 4.11E+05	0.00E+00 0.00E+00	1.49E+03 4.11E+05	0.00E+00 0.00E+00
70		 	-	1	 	CE144	4.57E-02	0.00E+00	4.57E-02	0.00E+00	4.57E-02	0.00E+00
80					 	PM147	5.87E+01	0.00E+00	5.87E+01	0.00E+00	5.87E+01	0.00E+00
1				1	1	PU238	1.36E+02	0.00E+00	1.36E+02	0.00E+00	1.36E+02	0.00E+00
82				L		PU239	1.29E+00	0.00E+00	1.29E+00	0.00E+00	1.29E+00	0.00E+00
83			I			PU240	8.68E-01	0.00E+00	8.68E-01	0.00E+00	8.68E-01	0.00E+00
84				L	<u> </u>	PU241	1.04E+02	0.00E+00	1.04E+02	0.00E+00	1.04E+02	0.00E+00

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19 20									
21		SPLASHING			-				LPPPST
22	SPLASHING	INV AF SPLSH	EVAPORATION	LEAK	VENTING	UNC'D RC'N	OVERFLOW	DF	RELEASE
23	0.00E+00	1.20E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	0.00E+00
24	0.00E+00	2.51E+05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E+02	0.00E+00
25	0.00E+00	1.24E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E+02	0.00E+00
26	0.00E+00	8.74E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E+02	0.00E+00
27	0.00E+00	8.31E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E+02	0.00E+00
28	0.00E+00	5.42E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E+02	0.00E+00
29 30	0.00E+00	1.33E+05	0.00E+00	0.00E+00 0.00E+00	0.005+00	0.005+00	0.00E+00	2.00E+02	0.00E+00
31	0.00E+00 0.00E+00	8.06E+03 7.01E+01	0.00E+00 0.00E+00	0.00E+00	0.00E+00 0.00E+00	0.00E+00 0.00E+00	0.00E+00 0.00E+00	2.00E+02 2.00E+02	0.00E+00
32	0.00E+00	4.71E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E+02 2.00E+02	0.00E+00 0.00E+00
33	0.00E+00	9.05E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E+02	0.00E+00
34	0.00E+00	5.87E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E+02	0.00E+00
35	0.00E+00	5.83E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E+02	0.00E+00
36								`	
37									
38		SPLASHING							LPPPPT
39 40	9PLASHING 0.00E+00	INV AF SPLSH 5.85E-01	EVAPORATION	LEAK	VENTING	UNC'D RC'N	OVERFLOW	DF	RELEASE
41	0.00E+00	2.58E+03	0.00E+00 0.00E+00	0.00E+00 0.00E+00	0.00E+00 0.00E+00	0.00E+00 0.00E+00	0.00E+00 0.00E+00	1.00E+00	0.00E+00
42	0.00E+00	2.03E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E+02 2.00E+02	0.00E+00 0.00E+00
43	0.00E+00	1.07E+03	0.00E+00	0.00E+00	0.00€+00	0.00E+00	0.00E+00	2.00E+02	0.00E+00
44	0.00E+00	2.97E+05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E+02	0.00E+00
45	0.00E+00	3.30E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E+02	0.00E+00
46	0.00E+00	4.24E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E+02	0.00E+00
47	0.00E+00	9.88E+01	0.00E+00	0.00E+00	0.00€+00	0.00E+00	0.00E+00	2.00E+02	0.00E+00
48	0.00E+00	9.30E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E+02	0.00E+00
50	0.00E+00 0.00E+00	6.27E-01 7.49E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E+02	0.00E+00
51	0.00E+00	1.55E+00	0.00E+00 0.00E+00	0.00E+00 0.00E+00	0.00E+00 0.00E+00	0.00E+00	0.00E+00 0.00E+00	2.00E+02	0.00E+00
62	0.00E+00	7.75E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00 0.00E+00	0.00E+00	2.00E+02 2.00E+02	0.00E+00 0.00E+00
53		702.00			0.002.00	0.00E+00	0.002+00	2.00E*02	0.00E+00
64									
55		SPLASHING							LPPPRT
56	SPLASHING	INV AF SPLSH	EVAPORATION	LEAK	VENTING	UNC'D RC'N	OVERFLOW	DF	RELEASE
57	0.00E+00	1,24E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	0.00E+00
58	0.00E+00	4.26E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E+02	0.00E+00
201	0.00E+00	4.07E+01	0.00E+00	0.00€+00	0.00E+00	0.00E+00	0.00E+00	2.00E+02	0.00E+00
61	0.00E+00 0.00E+00	3.74E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E+02	0.00E+00
62	0.00E+00	6.10E+03 9.06E+01	0.00E+00 0.00E+00	0.00E+00 0.00E+00	0.00E+00 0.00E+00	0.00€+00	0.00E+00	2.00E+02	0.00E+00
63	0.00E+00	2.23E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00 0.00E+00	0.00E+00 0.00E+00	2.00E+02 2.00E+02	0.00E+00 0.00E+00
84	0.00E+00	1.36E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E+02	0.00E+00
65	0.00E+00	1.19E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E+02	0.00E+00
66	0.00E+00	8.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E+02	0.00E+00
87	0.00E+00	1.53E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E+02	0.00E+00
68	0.00E+00	1.01E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E+02	0.00E+00
69	0.00E+00	9.91E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E+02	0.00E+00
70 71									
72	·	SPLASHING							
73	SPLASHING	INV AF SPLSH	EVAPORATION	LEAK	VENTING	UNC'D RC'N	OVERFLOW	DF	PR RELEASE
74	0.00E+00	7.99E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	0.00E+00
75	0.00E+00	3.57E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	0.00E+00
76	0.00E+00	2.81E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	0.00E+00
77	0.00E+00	1.49E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	0.00E+00
78	0.00E+00	4.11E+05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	0.00E+00
70	0.00E+00	4.57E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	0.00E+00
80	0.00E+00	5.87E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	0.00E+00
81	0.00E+00 0.00E+00	1.36E+02	0.00€+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	0.00E+00
20		1.29E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	0.00E+00
82			0.00E+20	0.005-00	0.005-00				
82 83	0.00E+00 0.00E+00	8.68E-01 1.04E+02	0.00E+00 0.00E+00	0.00E+00 0.00E+00	0.00E+00	0.00E+00 0.00E+00	0.00E+00 0.00E+00	1.00E+00 1.00E+00	0.00E+00

	V	w	l x	l Y	Z	- - M	AB	AC	AD	AE	AF	AG	AH
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12			l · · · · · · · · · · ·										
3		INPUT PARAMETERS	 	!									
4				1									
-		TANK VOLUMES	GALLONS	.									
9		VOWST VLPST	150000 6200				<u> </u>				-		
H		VLPPT	6460		 				 		 		
•		VLPRT	5300										
10		VPR	8350										
11		VPRFT	8350										
12 13		VPR8T VSME	11000 11000								 		
14	-	VSRAT	11000				-						
15		VMFT	11000										
16		YMLT	726										
17		VRCT	11000				 		 		<u> </u>		
10		VOECT	- 0				 					 	
20		MISC VALUES					4	,				 	
21		VUCRS		GALLONS									
222		VUCRC		CALLONS			<u> </u>			ļ			
23 24		VUCRSPL MROG	7.13E+04	GALLONS						—	-		
25		MCAN		LBS							 		
26		VMSPL	10.6	GALLONS									
27		VOVFL		GALLONS									
28		VLEAKP		GALLONS									
29 30		VLEAKC VLEAKS		GALLONS	-						 		
ᇑ		RHO		KG/GAL							 		
32		RHOB	3.33	KG/GAL									
33		RHOGL		LB/GAL									
3		RHOG	1.69E-02										
35 38		EXPL AERO, MASSES RLEXOW	DET	KG		DEF ONLY	ļ			 	 		
37		RLEXIPPT	19.6		KG	DEI ONE				 	<u> </u>		
38		RLEXLPST	16.2	1.309	KG								
39		RLEXPR	16.3	1.925									
40		RLDOPRET RLDOPRET	16.3 28.1	1.283 1.357						ļ			
42		RLEXISME	23.3	1.124						-	 		
43		RLEXSRAT	28.1	1.357							 		
44		RLEXMFT	23.3	0.874	KG								
45		RLEXOECT	0		KG								
46		RLEXISPC RLEXIOEV	3.786 0		KG	DEF ONLY					<u> </u>		
48		NEWEY_			7.0						<u> </u>	ļ	
49		RELEASE FRACTIONS											
60		ISOTOPE	RFSPLSH		RFCR	RFMSPL	RFTOR						
61		H3	1.0E+00	1.0E+00		1.00E+00	1.0E+00						
62 63		SR90 RU106	4.0E-05 4.0E-05	1.6E-04 1.6E-04	1.0E-06 1.0E-06		3.8E-03			<u> </u>		ļ	
64		CS134	4.0E-05	1.6E-04	1.0E-06		3.8E-03 3.8E-03			 	-	 	
55		CS137	4.0E-05	1.6E-04	1.0E-06		3.8E-03						
68		CE144	4.0E-05	1.6E-04	1.0E-06	0.00E+00	3.8E-03						
67		PM147	4.0E-05	1.6E-04		0.00E+00	3.8E-03						
59 59		PU238 PU239	4.0E-05	1.6E-04		0.00E+00	3.8E-03						
80		PU240	4.0E-05 4.0E-05	1.6E-04 1.6E-04	1.0E-06	0.00E+00 0.00E+00	3.8E-03	· ·			 	-	
81		PU241	4.0E-05		1.0E-06	0.00E+00	3.8E-03	· · · · · · · · · · · · · · · · · · ·					
62		AM241	4.0E-05			0.00E+00	3.8E-03					<u> </u>	
63		CM244	4.0E-05	1.6E-04	1.0E-06	0.00E+00	3.8E-03						
84 85		RELEASE PATES	WATE	W/O VENT'N								ļ	
66		RFLEAK	1.10E-10										
67		REVENT	1.10E-12										
68		DURSHT	28800										
69		DURLING	345600										
70 71													
72		CELL DFS	CPCDF		SPCOF		MCDF			-	 	-	
73		H3	1.00E+00	1.00E+00		1.00E+00		1.00E+00			 		
74		SR90	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00					
75		RU106	1.00E+00					1.00E+00					
76 77		CS134 CS137	1.00E+00 1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00 1.00E+00		<u> </u>		-	
78		CE144	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00					
79		PM147	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00					——
80		PU238	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00					
81		PU239	1.00E+00					1.00E+00			ļ		
82		PU240 PU241	1.00E+00 1.00E+00					1.00E+00 1.00E+00					
2		AM241	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	·		 	 	
								1.000	L	<u> </u>		<u> </u>	I

		В	_C	D	E	F	G	H		J	K	
85	<u> </u>				-	AM241	2.15E+00	0.00E+00	2.15E+00	0.00E+00	2.15E+00	0.00E+00
86						CM244	1.08E+01	0.00E+00	1.08E+01	0.00E+00	1.08E+01	0.00E+00
17												
88												
19												
Ю												
91												
12										EXPLOSION		
13						PRFT	BEG INV	DAR	INV AF DAR	SPLASHING	INV AF SPLSH	EVAPORATION
M					1	НЗ	7.57E-01	0.00E+00	7.57E-01	0.00E+00	7.57E-01	0.00E+00
15					1	SR90	3.33E+03	0.00E+00	3.33E+03	0.00E+00	3.33E+03	0.00E+00
96		 	 		 	RU106	2.62E-01	0.00E+00	2.62E-01	0.00E+00	2.62E-01	0.00E+00
97			 		_	CS134	1.39E+03	0.00E+00	1.39E+03	0.00E+00	1.39E+03	0.00E+00
98					 	CS137	3.84E+05	0.00E+00	3.84E+05	0.00E+00	3.84E+05	0.00E+00
99			 		! 	CE144	4.27E-02	0.00E+00	4.27E-02	0.00E+00	4.27E-02	0.00E+00
100		 			 	PM147	5.48E+01	0.00E+00	5.48E+01	0.00E+00	5.48E+01	0.00E+00
		 			 	PU238	1.28E+02	0.00E+00	1.28E+02	0.00E+00	1.28E+02	0.00E+00
101		ļ	├ ──		 		1.20E+00 -	0.00E+00	1.20E+00	0.00E+00	1.20E+00	
02			<u> </u>		├	PU239		0.00E+00				0.00E+00
103						PU240	8.11E-01		8.11E-01	0.00E+00	8.11E-01	0.00E+00
04			<u> </u>		-	PU241	9.69E+01	0.00E+00	9.69E+01	0.00E+00	9.69E+01	0.00E+00
05					<u> </u>	AM241	2.00E+00	0.00E+00	2.00E+00	0.00E+00	2.00E+00	0.00E+00
8					<u> </u>	CM244	1.00E+01	0.00E+00	1.00E+01	0.00E+00	1.00E+01	0.00E+00
107					-	ļ	 	}			·	
08		L		<u> </u>	ļ	ļ						
09				L	1			ļ <u>.</u>	1	EXPLOSION	487.4	
10		1				PRBT	BEG INV	DAR	INV AF DAR	SPLASHING	INV AF SPLSH	EVAPORATION
11					1	H3	1.05E+00	0.00E+00	1.05E+00	0.00E+00	1.05E+00	0.00E+00
112						SR90	4.70E+03	0.00E+00	4.70E+03	0.00E+00	4.70E+03	0.00E+00
13						RU106	3.70E-01	0.00E+00	3.70E-01	0.00E+00	3.70E-01	0.00E+00
114						CS134	1.96E+03	0.00E+00	1.96E+03	0.00E+00	1.96E+03	0.00E+00
15						CS137	5.41E+05	0.00E+00	5.41E+05	0.00E+00	5.41E+05	0.00E+00
16						CE144	6.02E-02	0.00E+00	6.02E-02	0.00E+00	6.02E-02	0.00E+00
17						PM147	7.73E+01	0.00E+00	7.73E+01	0.00E+00	7.73E+01	0.00E+00
18			 			PU238	1.79E+02	0.00E+00	1.79E+02	0.00E+00	1.79E+02	0.00E+00
19						PU239	1.69E+00	0.00E+00	1.69E+00	0.00E+00	1.59E+00	0.00E+00
20						PU240	1.14E+00	0.00E+00	1.14E+00	0.00E+00	1.14E+00	0.00E+00
21						PU241	1.36E+02	0.00E+00	1.36E+02	0.00E+00	1.36E+02	0.00E+00
22			 			AM241	2.83E+00	0.00E+00	2.83E+00	0.00E+00	2.83E+00	0.00E+00
23			 		 	CM244	1.42E+01	0.00E+00	1.42E+01	0.00E+00	1.42E+01	0.00E+00
24			 		-	Come	1.422.01	0.002.400	1.425.401	0.00E+00	1.425401	0.002+00
						 	 	 				
26 26								 		EVOLOCION		
							956 494	540	100/45545	EXPLOSION	Man / A.M. a.M. a.//	T/400047104
27			 			SME	BEG INV	DAR	INV AF DAR	SPLASHING	INV AF SPLSH	EVAPORATION
28						H3	5.89E-01	0.00E+00	5.89E-01	0.00E+00	5.89E-01	0.00E+00
3	<u> </u>					SR90	3.89E+05	0.00E+00	3.89E+05	0.00E+00	3.89E+05	0.00E+00
8						RU106	1.90E+04	0.00E+00	1.90E+04	0.00E+00	1.90E+04	0.00E+00
31			<u> </u>			CS134	3.12E+03	0.00E+00	3.12E+03	0.00E+00	3.12E+03	0.00E+00
32						CS137	5.10E+05	0.00E+00	5.10E+05	0.00E+00	5.10E+05	0.00E+00
33						CE144	8.28E+04	0.00E+00	8.28E+04	0.00E+00	8.28E+04	0.00E+00
1					l .	PM147	2.04E+05	0.00E+00				
35									2.04E+05	0.00E+00	2.04E+05	0.00E+00
						PU238	1.24E+04	0.00E+00	2.04E+05 1.24E+04	0.00E+00 0.00E+00	2.04E+05 1.24E+04	0.00E+00 0.00E+00
						PU238 PU239	1.24E+04 1.08E+02	0.00E+00 0.00E+00	1.24E+04 1.08E+02			
							1.24E+04	0.00E+00	1.24E+04	0.00E+00	1.24E+04	0.00E+00
37 38						PU239	1.24E+04 1.08E+02	0.00E+00 0.00E+00	1.24E+04 1.08E+02	0.00E+00 0.00E+00	1.24E+04 1.08E+02	0.00E+00 0.00E+00
37 38						PU239 PU240	1.24E+04 1.08E+02 7.30E+01	0.00E+00 0.00E+00 0.00E+00	1.24E+04 1.08E+02 7.30E+01	0.00E+00 0.00E+00 0.00E+00	1.24E+04 1.08E+02 7.30E+01	0.00E+00 0.00E+00 0.00E+00
37 38 39						PU239 PU240 PU241	1.24E+04 1.08E+02 7.30E+01 1.40E+04	0.00E+00 0.00E+00 0.00E+00 0.00E+00	1.24E+04 1.08E+02 7.30E+01 1.40E+04	0.00E+00 0.00E+00 0.00E+00 0.00E+00	1.24E+04 1.08E+02 7.30E+01 1.40E+04	0.00E+00 0.00E+00 0.00E+00 0.00E+00
36 37 38 40 41						PU239 PU240 PU241 AM241	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	1.24E+04 1.08E+02 7.30E+01 1.40E+04 8.24E+01	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00
37 38 39 40 41						PU239 PU240 PU241 AM241	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	1.24E+04 1.08E+02 7.30E+01 1.40E+04 8.24E+01	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00
37 38 39 40 41 42						PU239 PU240 PU241 AM241	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	1.24E+04 1.08E+02 7.30E+01 1.40E+04 8.24E+01	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00
37 38 40 41 42 43						PU239 PU240 PU241 AM241 CM244	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00
37 38 39 40 41 42 43						PU239 PU240 PU241 AM241 CM244	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 EXPLOSION SPLASHING	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 INV AF SPLSH	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00
37 38 39 40 41 42 43 44 45						PU239 PU240 PU241 AM241 CM244 SRAT H3	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 BEG INV 5.89E-01	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 DAR 0.00E+00	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 INV AF DAR 5.89E-01	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 EXPLOSION SPLASHING 0.00E+00	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 INV AF 8PLSH 5.89E-01	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00
37 38 39 40 41 42 43 44 45						PU239 PU240 PU241 AM241 CM244 SRAT H3	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 BEG INV 5.89E-01 3.89E+05	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 DAR 0.00E+00 0.00E+00	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 INV AF DAR 5.89E-01 3.89E+05	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 EXPLOSION SPLASHING 0.00E+00 0.00E+00	1.24E+04 1.08E+02 7.30E+01 1.40E+04 8.24E+01 9.04E+02 INV AF SPLSH 5.89E-01 3.89E-01	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00
37 38 39 40 41 42 43 44 45 46						PU239 PU240 PU241 AM241 CM244 SRAT H3 SRS0 RU106	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 BEG INV 5.89E-01 3.89E+05 1.90E+04	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 DAR 0.00E+00 0.00E+00	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 INV AF DAR 5.89E-01 3.89E+05 1.90E+04	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 EXPLOSION 8PLASHING 0.00E+00 0.00E+00 0.00E+00	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 INV AF 8PL8H 5.89E-01 3.89E+05 1.90E+04	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 EVAPORATION 0.00E+00 0.00E+00
37 38 39 40 41 42 43 44 45 46 47						PU239 PU240 PU241 AM241 CM244 SRAT H3 SRSO RU106 CS134	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 8EG INV 5.89E-01 3.89E+05 1.90E+04 3.12E+03	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 DAR 0.00E+00 0.00E+00 0.00E+00	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 INV AF DAR 5.89E-01 3.89E+05 1.90E+04 3.12E+03	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 EXPLOSION SPLASHING 0.00E+00 0.00E+00 0.00E+00	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 INV AF SPLSH 5.89E-01 3.89E+05 1.90E+04 3.12E+03	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00
37 38 39 40 41 42 43 44 45 46 47 48						PU239 PU240 PU241 AM241 CM244 SRAT H3 SRS0 RU106 CS134 CS137	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 BEG INV 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 INV AF DAR 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 EXPLOSION SPLASHING 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 8.04E+02 INV AF SPLSH 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00
37 38 39 40 41 42 43 44 45 46 47 48 49						PU239 PU240 PU241 AM241 CM244 SRAT H3 SR90 RU106 CS134 CS137 CE144	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 BEG INV 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 6.28E+04	0.00E+00	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 INV AF DAR 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 8.28E+04	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 EXPLOSION SPLASHING 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	1.24E+04 1.08E+02 7.30E+01 1.40E+04 8.24E+01 9.04E+02 INV AF SPLSH 5.89E-01 3.89E+04 3.12E+03 5.10E+05 4.28E+04	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00
37 38 39 40 41 42 43 44 45 46 47 48 50						PU239 PU240 PU241 PU241 CM244 SRAT H3 SRS0 RU106 CS134 CS137 CE144 PM147	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 BEG INV 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 6.28E+04 2.04E+05	0.00E+00	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 INV AF DAR 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 8.28E+04 2.04E+05	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	1.24E+04 1.08E+02 7.30E+01 1.40E+04 8.24E+01 9.04E+02 INV AF 8PL8H 5.89E-01 1.90E+04 3.12E+03 5.10E+04 3.12E+03 5.10E+05	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00
37 38 39 40 41 42 43 44 45 46 47 48 49 50 51						PU239 PU240 PU241 PU241 AM241 CM244 SRAT H3 SRSO RU106 CS134 CS137 CE144 PM147 PU238	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 BEG INV 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 6.28E+04 2.04E+05 1.24E+04	0.00E+00	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 INV AF DAR 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 8.28E+04 2.04E+05 1.24E+04	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 8.04E+02 INV AF SPLSH 5.89E+01 3.89E+05 1.50E+04 3.12E+03 5.10E+05 6.28E+04 2.24E+04	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00
37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52						PU239 PU240 PU241 AM241 CM244 SRAT H3 SRS0 RU106 CS134 CCS137 CE144 PM147 PM147 PU238 PU238	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 BEG INV 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 6.28E+04 2.04E+05 1.24E+04 1.08E+02	DAR 0.00E+00	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 INV AF DAR 5.89E-01 3.89E+05 1.90E+04 2.04E+05 6.28E+04 2.04E+05 1.24E+04 1.08E+02	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 INV AF 8PL8H 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 8.28E+04 2.04E+05 1.24E+04 1.08E+02	0.00E+00
37 38 39 40 41 42 43 44 46 46 47 50 51 52 53						PU239 PU240 PU241 PU241 PU241 CM244 SRAT H3 SR80 RU106 CS137 CCE144 PM147 PU238 PU239 PU240	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 BEG INV 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 6.28E+04 2.04E+05 1.24E+04 1.08E+02 7.30E+01	DAR 0.00E+00	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 INV AF DAR 5.89E+05 1.90E+04 3.12E+05 5.10E+05 6.28E+04 2.04E+05 1.24E+04 1.08E+02 7.30E+01	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	1.24E+04 1.08E+02 7.30E+01 1.40E+04 8.24E+01 9.04E+02 INV AF 8PLSH 5.89E+01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 6.28E+04 2.04E+05 1.24E+04 1.08E+02 7.30E+01	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00
37 38 39 40 41 42 43 44 46 47 48 49 50 51 52 53 55						PU239 PU240 PU241 PU241 AM241 CM244 SRAT H3 SR90 RU106 CS134 CS137 CC144 PM147 PU238 PU238 PU240 PU241	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 BEG INV 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 6.28E+04 2.04E+05 1.24E+04 1.08E+02 7.30E+01	DAR 0.00E+00	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 INV AF DAR 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 6.28E+04 1.08E+02 1.24E+04 1.08E+02 1.30E+01 1.40E+04	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 INV AF SPLSH 5.89E-01 3.89E+05 3.89E+05 3.10E+05 4.28E+04 2.04E+05 1.24E+04 1.08E+02 7.40E+01 1.40E+01	0.00E+00
37 38 39 40 41 42 43 44 45 50 51 52 53 55 55						PU239 PU240 PU241 AM241 CM244 SRAT H3 SRS0 RU106 CS134 CS134 CS137 CE144 PM147 PU238 PU238 PU239 PU240 PU241 AM241	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 BEG INV 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 6.28E+04 2.04E+05 1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01	DAR 0.00E+00	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 INV AF DAR 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 8.28E+04 2.04E+05 1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01	0.00E+00	1.24E+04 1.08E+02 7.30E+01 1.40E+04 8.24E+01 9.04E+02 INV AF 8PLSH 5.89E+01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 6.28E+04 2.04E+05 1.24E+04 1.08E+02 7.30E+01	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00
37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57						PU239 PU240 PU241 PU241 AM241 CM244 SRAT H3 SR90 RU106 CS134 CS137 CC144 PM147 PU238 PU238 PU240 PU241	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 BEG INV 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 6.28E+04 2.04E+05 1.24E+04 1.08E+02 7.30E+01	DAR 0.00E+00	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 INV AF DAR 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 6.28E+04 1.08E+02 1.24E+04 1.08E+02 1.30E+01 1.40E+04	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 INV AF SPLSH 5.89E-01 3.89E+05 3.89E+05 3.10E+05 4.28E+04 2.04E+05 1.24E+04 1.08E+02 7.40E+01 1.40E+01	0.00E+00
37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58						PU239 PU240 PU241 AM241 CM244 SRAT H3 SRS0 RU106 CS134 CS134 CS137 CE144 PM147 PU238 PU238 PU239 PU240 PU241 AM241	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 BEG INV 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 6.28E+04 2.04E+05 1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01	DAR 0.00E+00	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 INV AF DAR 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 8.28E+04 2.04E+05 1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01	0.00E+00	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 8.04E+02 INV AF SPLSH 5.89E+01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 4.28E+04 2.04E+05 1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00
37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 57 58						PU239 PU240 PU241 AM241 CM244 SRAT H3 SRS0 RU106 CS134 CS134 CS137 CE144 PM147 PU238 PU238 PU239 PU240 PU241 AM241	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 BEG INV 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 6.28E+04 2.04E+05 1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01	DAR 0.00E+00	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 INV AF DAR 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 8.28E+04 2.04E+05 1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01	0.00E+00	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 8.04E+02 INV AF SPLSH 5.89E+01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 4.28E+04 2.04E+05 1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01	0.00E+00
37 38 39 40 41 42 43 44 46 48 49 50 51 52 53 54 55 56 57 58 59						PU239 PU240 PU241 AM241 CM244 SRAT H3 SRS0 RU106 CS134 CS134 CS137 CE144 PM147 PU238 PU238 PU239 PU240 PU241 AM241	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 BEG INV 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 6.28E+04 2.04E+05 1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01	DAR 0.00E+00	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 INV AF DAR 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 8.28E+04 2.04E+05 1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01	0.00E+00	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 8.04E+02 INV AF SPLSH 5.89E+01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 4.28E+04 2.04E+05 1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01	0.00E+00
37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60						PU239 PU240 PU241 AM241 CM244 SRAT H3 SRS0 RU106 CS134 CS134 CS137 CE144 PM147 PU238 PU238 PU239 PU240 PU241 AM241	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 BEG INV 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 6.28E+04 2.04E+05 1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01	DAR 0.00E+00	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 INV AF DAR 5.89E-01 3.89E+05 1.90E+04 2.04E+05 1.24E+04 1.08E+02 7.30E+01 9.24E+01 9.24E+01 9.24E+01	0.00E+00	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 INV AF SPLSH 5.89E-01 3.89E+05 1.90E+04 2.04E+05 1.24E+04 1.08E+02 7.30E+01 9.24E+04 9.24E+01 9.04E+02	0.00E+00
37 38 39 40 41 42 43 44 46 46 47 48 49 50 51 52 53 53 55 56 57 58 59 60						PU239 PU240 PU241 AM241 CM244 SRAT H3 SRSO RU106 CS134 CS137 CE144 PM147 PU238 PU240 PU240 PU241 AM241 CM244 MFT	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 BEG INV 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 6.28E+04 2.04E+05 1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02	DAR DAR 0.00E+00	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 INV AF DAR 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 4.28E+04 2.04E+05 1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+02	0.00E+00	1.24E+04 1.08E+02 7.30E+01 1.40E+04 8.24E+01 9.04E+02 INV AF SPLSH 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 8.28E+04 2.04E+05 1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02	0.00E+00
37 38 39 40 41 42 43 44 45 48 49 50 51 52 53 55 56 57 58 59 160 161						PU239 PU240 PU241 PU241 PU241 CM244 SRAT H3 SRS0 RU106 CS134 CS137 CCE144 PM147 PU238 PU240 PU241 AM241 CM244 MFT H3	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 BEG INV 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 6.28E+04 2.04E+05 1.24E+04 1.08E+02 7.30E+01 9.04E+02	0.00E+00	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 INV AF DAR 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 8.28E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02	0.00E+00	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 INV AF SPLSH 5.89E+01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 6.28E+04 1.08E+02 7.40E+05 1.24E+04 1.08E+02 9.24E+01 9.04E+02	0.00E+00
37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 61 62 83						PU239 PU240 PU241 AM241 CM244 SRAT H3 SR90 RU106 CS134 CCS137 CE144 PM147 PU238 PU239 PU240 PU239 PU240 PU241 AM241 CM244 MFT H3 SR90	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 BEG INV 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 6.28E+04 2.04E+05 1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+05	0.00E+00	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 INV AF DAR 5.89E-01 3.89E+05 1.90E+04 2.04E+05 1.24E+04 1.08E+02 7.30E+01 1.40E+02 9.24E+01 9.04E+02 INV AF DAR 5.89E-01 3.89E-01 3.89E-01	0.00E+00	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 INV AF SPLSH 5.89E+01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 4.28E+04 2.04E+05 1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02	0.00E+00
37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 56 56 57 58 61 62 83 84						PU239 PU240 PU241 AM241 CM244 SRAT H3 SR90 RU106 CS137 CE144 PM147 PU238 PU239 PU240 PU241 AM241 CM244 MFT H3 SR90 RU106	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 BEG INV 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 6.28E+04 2.04E+05 1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02	0.00E+00	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 INV AF DAR 5.89E-01 3.89E+05 1.90E+04 2.04E+05 1.26E+04 2.04E+05 1.26E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02	0.00E+00	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 INV AF 8PL8H 5.89E-01 3.89E+05 1.90E+04 2.04E+05 1.24E+04 1.08E+04 2.04E+05 1.24E+04 1.08E+02 7.30E+01 9.24E+01 9.24E+01 9.04E+02	0.00E+00
37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 56 57 60 61 62 63 63 64 65						PU239 PU240 PU241 AM241 CM244 SRAT H3 SR90 RU106 CS134 CS137 CE144 PM147 PU238 PU240 PU241 AM241 CM244 MFT H3 SR90 RU106 CS134	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 BEG INV 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 6.28E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 BEG INV 5.89E-01 3.89E-05 1.24E+04 1.08E+02 7.30E+01 9.04E+02	0.00E+00	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 INV AF DAR 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 6.28E+04 1.08E+02 7.30E+05 9.24E+01 9.24E+01 9.04E+02 INV AF DAR 5.89E-01 3.89E+05	0.00E+00	1.24E+04 1.08E+02 7.30E+01 1.40E+02 9.24E+01 9.04E+02 INV AF 8PLSH 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 1.24E+04 1.08E+02 7.30E+01 1.40E+02 9.24E+01 9.04E+02 INV AF 8PLSH 5.89E-01 3.89E+05	0.00E+00
37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 55 56 61 62 63 64						PU239 PU240 PU241 AM241 CM244 SRAT H3 SR90 RU106 CS137 CE144 PM147 PU238 PU239 PU240 PU241 AM241 CM244 MFT H3 SR90 RU106	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 BEG INV 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 6.28E+04 2.04E+05 1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02	0.00E+00	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 INV AF DAR 5.89E-01 3.89E+05 1.90E+04 2.04E+05 1.26E+04 2.04E+05 1.26E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02	0.00E+00	1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 INV AF 8PL8H 5.89E-01 3.89E+05 1.90E+04 2.04E+05 1.24E+04 1.08E+04 2.04E+05 1.24E+04 1.08E+02 7.30E+01 9.24E+01 9.24E+01 9.04E+02	0.00E+00

	M	N	0	P		R	8	Ť	U
86	0.00E+00	2.15E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	0.00E+00
86	0.00E+00	1.08E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	0.00E+00
87		_							
90									
01									
82		SPLASHING							PRFT
2	SPLASHING	INV AF SPLSH	EVAPORATION	LEAK	VENTING	UNC'D RC'N	OVERFLOW	OF .	RELEASE
¥	0.00E+00	7.57E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	0.00E+00
95	0.00E+00	3.33E+03	0.00E+00 0.00E+00	0.00E+00 0.00E+00	0.00E+00 0.00E+00	0.00E+00	0.00E+00 0.00E+00	1.00E+00 1.00E+00	0.00E+00
96	0.00E+00 0.00E+00	2.62E-01 1.39E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00 0.00E+00	0.00E+00	1.00E+00	0.00E+00 0.00E+00
98	0.00E+00	3.84E+05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	0.00E+00
99	0.00E+00	4.27E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	0.00E+00
100	0.00E+00	5.48E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	0.00E+00
101	0.00E+00	1.28E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	0.00E+00
102	0.00E+00	1,20E+00	0.00E+00	0.00E+00-	0.00E+00	0.00E+00	0.00E+00	1.00E+00	0.00E+00
103	0.00E+00	8.11E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	0.00E+00
3	0.00E+00	9.69E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	0.00E+00
106	0.00E+00	2.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	0.00E+00
106	0.00E+00	1.00E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	0.00E+00
107	····								-
109		SPLASHING							PRBT
110	SPLASHING	INV AF SPLSH	EVAPORATION	LEAK	VENTING	UNC'D RC'N	OVERFLOW	DF	RELEASE
111	0.00E+00	1.05E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	0.00E+00
112	0.00E+00	4.70E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	0.00E+00
113	0.00E+00	3.70E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	0.00E+00
114	0.00E+00	1.96E+03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	0.00E+00
116	0.00E+00	5.41E+05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00 0.00E+00	1.00E+00	0.00E+00
116	0.00E+00 0.00E+00	6.02E-02 7.73E+01	0.00E+00 0.00E+00	0.00E+00	0.00E+00 0.00E+00	0.00E+00 0.00E+00	0.00E+00	1.00E+00 1.00E+00	0.00E+00
118	0.00E+00	1.79E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	0.00E+00
119	0.00E+00	1.69E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	0.00E+00
120	0.00E+00	1.14E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	0.00E+00
121	0.00E+00	1.36E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	0.00E+00
122	0.00E+00	2.83E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	0.00E+00
123	0.00E+00	1.42E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	0.00E+00
124							l i	i	
125									
		201 201140							
126	SEI VEHING	SPLASHING	EVADORATION	LEAK	VENTING	IIIICO PCA	OVERSI OW	DE .	SME DELEASE
126 127	SPLASHING 0.00E+00	INV AF SPLSH	EVAPORATION 0.00E+00	LEAK 0.00E+00	VENTING 0.00E+00	UNC'D RC'N	OVERFLOW 0.00E+00	DF 1.00E+00	RELEASE
126 127 128	SPLASHING 0.00E+00 0.00E+00		EVAPORATION 0.00E+00 0.00E+00	LEAK 0.00E+00 0.00E+00	VENTING 0.00E+00 0.00E+00	UNC'D RC'N 0.00E+00 0.00E+00	OVERFLOW 0.00E+00 0.00E+00	DF 1.00E+00 1.00E+00	
126 127 128 129 130	0.00E+00	INV AF SPLSH 5.89E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	RELEASE 0.00E+00
126 127 128 129 130	0.00E+00 0.00E+00 0.00E+00 0.00E+00	1NV AF SPLSH 5.89E-01 3.89E+05 1.90E+04 3.12E+03	0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00	1.00E+00 1.00E+00 1.00E+00 1.00E+00	RELEASE 0.00E+00 0.00E+00 0.00E+00 0.00E+00
126 127 128 129 130 131	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	1NV AF SPLSH 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00	RELEASE 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00
126 127 128 129 130 131 132	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	INV AF SPLSH 5.89E-01 3.89E-05 1.90E-04 3.12E+03 5.10E+05 6.28E+04	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00	RELEASE 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00
126 127 128 129 130 131 132 133 134	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	INV AF SPLSH 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 8.28E+04 2.04E+05	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00	RELEASE 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00
126 127 128 129 130 131 132 133 134 135	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	INV AF SPLSH 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 8.28E+04 2.04E+05 1.24E+04	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00	RELEASE 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00
126 127 128 129 130 131 132 133 134 135 136	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	INV AF SPLSH 5.89E-01 3.89E-05 1.90E+04 3.12E+03 5.10E+05 8.28E+04 2.04E+05 1.24E+04 1.08E+02	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00	RELEASE 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00
126 127 128 129 130 131 132 133 134 135 136 137	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	INV AF SPLSH 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 8.28E+04 2.04E+05 1.24E+04 1.08E+02 7.30E+01	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00	RELEASE 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00
126 127 128 129 130 131 132 133 134 135 136 137	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	INV AF SPLSH 5.89E-01 3.89E-05 1.90E+04 3.12E+03 5.10E+05 8.28E+04 2.04E+05 1.24E+04 1.08E+02	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00	RELEASE 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00
126 127 128 129 130 131 132 133 134 135 136 137	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	INV AF SPLSH 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 8.28E+04 2.04E+05 1.24E+04 1.08E+02 7.30E+01 1.40E+04	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00	RELEASE 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00
126 127 128 129 130 131 132 133 134 135 136 137 138 139 140	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	INV AF SPLSH 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 6.28E+04 2.04E+05 1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00	RELEASE 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00
126 127 128 129 130 131 132 133 134 135 136 137 138 139 140	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	INV AF SPLSH 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 8.28E+04 2.04E+05 1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00	RELEASE 0.00E+00
126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	INV AF SPLSH 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 6.28E+04 2.04E+05 1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	1.00E+00	RELEASE 0.00E+00
126 127 128 129 130 131 132 133 134 135 136 137 138 140 141 142 143	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	INV AF SPLSH 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 8.28E+04 2.04E+05 1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 SPLASHING INV AF SPLSH	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00	RELEASE 0.00E+00 RELEASE
126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	INV AF SPLSH 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 8.28E+04 2.04E+05 1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 SPLASHING INV AF SPLSH 5.89E-01	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	1.00E+00	RELEASE 0.00E+00 SRAT RELEASE
128 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	INV AF SPLSH 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 8.28E+04 2.04E+05 1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 SPLASHING INV AF SPLSH 5.89E-01 3.89E+05	0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 VENTING 0.00E+00	0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	1.00E+00	RELEASE 0.00E+00 RELEASE
128 127 128 129 130 131 132 133 134 135 137 138 139 140 141 142 143 144 144 145 146 147	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	INV AF SPLSH 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 8.28E+04 2.04E+05 1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 SPLASHING INV AF SPLSH 5.89E-01	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00	0.00E+00	1.00E+00	RELEASE 0.00E+00 SRAT RELEASE
128 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	INV AF SPLSH 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 6.28E+04 2.04E+05 1.24E+04 1.06E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 SPLASHING INV AF SPLSH 5.89E-01 3.89E+05	0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	RELEASE 0.00E+00
120 127 128 129 130 131 132 133 133 134 135 136 137 139 140 141 142 143 144 145 146 147 148 149 149	0.00E+00 0.00E+00	INV AF SPLSH 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 8.28E+04 2.04E+05 1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 8PLASHING INV AF SPLSH 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 8.28E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	RELEASE 0.00E+00
129 127 128 129 130 131 132 133 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 160 160 160 160 160 160 160 160 160 16	0.00E+00	INV AF SPLSH 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 8.28E+04 2.04E+05 1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 SPLASHING INV AF SPLSH 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 8.28E+04 2.04E+05	0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	RELEASE 0.00E+00
129 127 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150	0.00E+00	INV AF SPLSH 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 8.28E+04 2.04E+05 1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 SPLASHING INV AF SPLSH 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 8.28E+04 2.04E+05	0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00	0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	1.00E+00	RELEASE 0.00+00 0.00E+00
128 127 128 129 130 131 131 132 133 134 135 139 139 140 141 141 142 143 144 145 146 147 148 149 150 151 151 151 151 151 151 151 151 151	0.00E+00	INV AF SPLSH 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 8.28E+04 2.04E+05 1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 SPLASHING INV AF SPLSH 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 8.28E+04 2.04E+05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	RELEASE 0.00E+00
128 127 128 129 130 131 132 133 134 135 136 137 139 140 141 142 143 144 145 146 147 148 150 150 151 152 153 154 155 156 156 156 156 156 156 156 156 156	0.00E+00	INV AF SPLSH 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 8.28E+04 2.04E+05 1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 8PLASHING INV AF SPLSH 5.89E-01 3.89E+03 5.10E+05 8.28E+04 2.04E+05 1.24E+04 1.08E+02 7.30E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	RELEASE 0.00E+00
128 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153	0.00E+00	INV AF SPLSH 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 8.28E+04 2.04E+05 1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 SPLASHING INV AF SPLSH 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 8.28E+04 2.04E+05 1.24E+04 1.08E+02 7.30E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	RELEASE 0.00E+00
128 127 128 129 130 131 132 133 134 135 136 137 137 139 140 141 142 143 144 144 145 146 147 148 156 156 156 156 156	0.00E+00	INV AF SPLSH 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 8.28E+04 2.04E+05 1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.04E+02 SPLASHING INV AF SPLSH 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 8.28E+04 2.04E+05 1.24E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	RELEASE 0.00E+00
128 127 128 129 130 131 132 133 134 135 136 137 138 140 141 142 143 144 145 147 148 149 150 151 153 155 156 156 156 156	0.00E+00	INV AF SPLSH 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 8.28E+04 2.04E+05 1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 SPLASHING INV AF SPLSH 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 8.28E+04 2.04E+05 1.24E+04 1.08E+02 7.30E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	RELEASE 0.00E+00
128 127 128 129 130 131 132 133 134 135 136 137 137 139 140 141 142 143 144 144 145 146 147 148 156 156 156 156 156	0.00E+00	INV AF SPLSH 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 8.28E+04 2.04E+05 1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.04E+02 SPLASHING INV AF SPLSH 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 8.28E+04 2.04E+05 1.24E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	RELEASE 0.00E+00
128 127 128 129 130 131 132 133 134 135 136 137 139 140 141 143 144 145 146 147 148 150 151 152 153 154 156 157 158 158 159 169 169 169 169 169 169 169 169 169 16	0.00E+00	INV AF SPLSH 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 6.28E+04 2.04E+05 1.24E+04 1.06E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 SPLASHING INV AF SPLSH 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 1.24E+04 1.06E+04 9.24E+01 9.04E+02 SPLASHING INV AF SPLSH 5.89E-01 1.89E+05 1.90E+04 1.10E+04 9.24E+01 9.04E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	RELEASE 0.00E+00
128 127 128 129 130 131 132 133 134 135 135 137 138 140 141 142 144 145 147 148 149 149 150 151 155 156 156 156 156 156 157 158	0.00E+00	INV AF SPLSH 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 8.28E+04 2.04E+05 1.24E+04 1.08E+02 7.30E+01 9.04E+02 SPLASHING INV AF SPLSH 5.89E-01 3.89E+04 2.04E+05 1.90E+04 9.12E+04 9.24E+01 9.04E+02 SPLASHING INV AF SPLSH 1.08E+04 1.08E+04 1.08E+04 9.24E+01 9.04E+05 1.24E+04 1.08E+04 9.24E+01 9.04E+05 SPLASHING INV AF SPLSH SREPHING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	RELEASE 0.00E+00
128 127 128 129 130 131 132 133 134 135 136 137 139 140 141 142 143 144 145 146 147 149 150 151 152 153 154 166 166 167 168 168 168 168 168 168 168 168 168 168	0.00E+00	INV AF SPLSH 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 8.28E+04 2.04E+05 1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 SPLASHING INV AF SPLSH 5.89E-01 3.89E+05 4.20E+04 4.20E+04 1.08E+04 1.08E+04 9.24E+01 9.04E+05 8.28E+04 1.08E+04 9.24E+01 9.04E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	RELEASE 0.00E+00
128 127 128 129 130 131 132 133 134 135 136 137 139 140 141 142 143 144 145 144 147 149 150 151 153 154 155 156 157 158 159 159 159 159 159 159 159 159 159 159	0.00E+00	INV AF SPLSH 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 8.28E+04 2.04E+05 1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 SPLASHING INV AF SPLSH 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 8.28E+04 2.04E+05 1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+05 1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	RELEASE 0.00+00 0.00E+00
128 127 128 129 130 131 132 133 134 135 137 138 139 140 141 141 142 143 144 145 150 151 152 153 161 161 161 163 163 163 163 163 163 16	0.00E+00	INV AF SPLSH 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 8.28E+04 2.04E+05 1.24E+04 1.00E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 SPLASHING INV AF SPLSH 5.89E-01 3.89E+05 1.20E+04 2.04E+05 1.24E+04 1.00E+04 9.24E+01 9.04E+05 1.24E+04 1.00E+04 9.24E+01 9.04E+05 1.24E+04 1.00E+04 9.24E+01 9.04E+05 1.30E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	RELEASE 0.00E+00
128 127 128 129 130 131 132 133 134 135 137 138 139 140 141 142 144 145 146 147 148 149 153 155 156 156 156 156 156 156 156 156 156	0.00E+00	INV AF SPLSH 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 6.28E+04 2.04E+05 1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 SPLASHING INV AF SPLSH 5.89E-01 3.89E+05 1.90E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+05 6.28E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+05 1.28E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 SPLASHING INV AF SPLSH 5.89E-01 3.89E+05 1.90E+04 9.24E+01 9.04E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	RELEASE 0.00E+00
128 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 144 145 146 147 148 159 150 151 153 154 155 156 157 158 158 158 158 158 158 158 158 158 158	0.00E+00	INV AF SPLSH 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 8.28E+04 2.04E+05 1.24E+04 1.08E+02 7.30E+01 9.04E+02 SPLASHING INV AF SPLSH 5.89E-01 3.89E+05 1.24E+04 1.08E+02 7.30E+01 9.04E+02 8PLASHING INV AF SPLSH 5.89E-01 3.89E+05 1.24E+04 1.08E+02 7.30E+01 9.04E+02 7.30E+01 1.40E+04 1.90E+05 8.28E+04 8.28E+04 1.08E+02 7.30E+01 1.40E+04 1.90E+05 1.24E+04 1.90E+06 1.24E+04 1.90E+06 1.24E+04 1.90E+06 1.24E+04 1.90E+06 1.24E+04 1.90E+06 1.24E+06 1.90E+06 1.90E+06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	RELEASE 0.00E+00
128 127 128 129 130 131 132 133 134 135 137 138 139 140 141 142 144 145 146 147 148 149 153 155 156 156 156 156 156 156 156 156 156	0.00E+00	INV AF SPLSH 5.89E-01 3.89E+05 1.90E+04 3.12E+03 5.10E+05 6.28E+04 2.04E+05 1.24E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 SPLASHING INV AF SPLSH 5.89E-01 3.89E+05 1.90E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+05 6.28E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+05 1.28E+04 1.08E+02 7.30E+01 1.40E+04 9.24E+01 9.04E+02 SPLASHING INV AF SPLSH 5.89E-01 3.89E+05 1.90E+04 9.24E+01 9.04E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	RELEASE 0.00E+00

	v 1 w	T X	Ÿ	7	A	AB	AC	AD	AE	AF	AG	AH
85	CM244	1.00E+00				1.00E+00						
88	V-1/12-17-											
27												
88	VIT, BLDG. DFS	VITDE			- 005-00							
89	H3	1.00E+00		1.00E+00	1.00E+00 2.00E+00							
91	SR90 RU106	1.00E+00 1.00E+00			2.00E+00							
92	CS134	1.00E+00			2.00E+00							
93	CS137	1.00E+00			2.00E+00							
M	CE144	1.00E+00	2.00E+00	1.00E+00	2.00E+00	1.00E+00						
95	PM147	1.00E+00			2.00E+00							
96	PU238	1.00E+00			2.00E+00							
97	PU239	1.00E+00		1.00E+00	2.00E+00 2.00E+00							
99	PU240 PU241	1.00E+00 1.00E+00			2.00E+00							
100	AM241	1.00E+00			2.00E+00							
101	CM244	1.00E+00			2.00E+00							
102		111111			•							
103												
104	SAND FILTER DFS	SNDDF										
106	H3	1.00E+00			1.00E+00			ļ				
106	SR90	1.00E+00		2.00E+02	1.00E+00 1.00E+00			 				
107	RU106	1.00E+00		2.00E+02	1.00E+00							
109	CS134 CS137	1.00E+00		2.00E+02	1.00E+00							
110	CE144	1.00E+00		2.00E+02								
111	PM147	1.00E+00		2.00E+02	1.00E+00	2.00E+02						
112	PU238	1.00E+00	1.00E+00	2.00E+02	1.00E+00							
113	PU239	1.00E+00		2.00E+02	1.00E+00							
114	PU240	1.00E+00		2.00E+02	1.00E+00							
115	PU241	1.00E+00		2.00E+02	1.00E+00			-				
116	AM241	1.00E+00		2.00E+02 2.00E+02	1.00E+00 1.00E+00							
117	CM244	1.00E+00	1.00E+00	Z.WE TUZ	1.000.700	2.002702						
119												
120	LPPP HEPA DFS	LPFLDF										
121	Н3	1.00E+00	1.00E+00	1.00E+00	1.00E+00							
122	SR90	1.00E+00			2.00E+02							
123	RU106	1.00E+00			2.00E+02							
124	CS134	1.00E+00			2.00E+02							
125	CS137	1.00E+00			2.00E+02		<u> </u>			<u></u>		
126	CE144 PM147	1.00E+00 1.00E+00			2.00E+02 2.00E+02							
128	PU238	1.00E+00			2.00E+02			 				
128	PU239	1.00E+00			2.00E+02							
130	PU240	1.00E+00	1.00E+00	1.00E+00	2.00E+02							
131	PU241	1.00E+00	1.00E+00	1.00E+00	2.00E+02							
132	AM241	1.00E+00			2.00E+02		ļ					
133	CM244	1.00E+00	1.00E+00	1.00E+00	2.00E+02	<u> </u>						
134							<u> </u>					
135	LPPP BLDG. DFS	LPBODF						 				
137	H3	1.00E+00	1.00F+00	1 00F+00	1.00E+00		 	 				
138	SR90	1.00E+00			1.00E+00	 		 	 			
139	RU106	1.00E+00		1.00E+00							1	
140	CS134	1.00E+00		1.00E+00	1.00E+00							
141	CS137	1.00E+00		1.00E+00								
142	CE144	1.00E+00		1.00E+00								
143	PM147	1.00E+00 1.00E+00			1.00E+00	 		 	 	ļ		
144	PU238 (PU239	1.00E+00			1.00E+00 1.00E+00			 	 		 	
146	PU240	1.00E+00			1.00E+00	 			 	 		
147	PU241	1.00E+00			1.00E+00			 	-			
148	AM241	1.00E+00			1.00E+00				t	l		
149	CM244	1.00E+00			1.00E+00							
150												
151			1						L			
			200		er Steel	Ci/gal	CIW.3	Ci/lb	Ci/gal	Ci/gal	Ci/gal	لدوانت
152	CURIE BALANCE	Ci/gal	Ci/gal	Ci/gal	Ci/gal							Cha
163		Stream 1	Stream 3	Stream 7	Stream 18	Stream 19	Stream 23	Stream 24	Stream 91	Stream 201	Stream 212	
153 154	H3	Stream 1 1.93E-05	Stream 3 9.57E-05	Stream 7 5.35E-05	Stream 18 0.00E+00	Stream 19 0.00E+00	Stream 23 3.00E-08	Stream 24 0.00E+00	Stream 91 2.34E-05	Stream 201 9.06E-05	Stream 212 0.00E+00	2.16E-07
163 164 165	H3 SR90	Stream 1 1.93E-05 4.05E+01	Stream 3 9.57E-05 4.27E-01	Stream 7 5.35E-05 3.54E+01	Stream 18 0.00E+00 0.00E+00	Stream 19 0.00E+00 0.00E+00	Stream 23 3.00E-08 6.54E-04	Stream 24 0.00E+00 1,26E+01	2.34E-05 8.04E-02	Stream 201 9.06E-05 3.99E-01	Stream 212 0.00E+00 0.00E+00	2.16E-07 8.24E-13
153 154	H3	Stream 1 1.93E-05	9.57E-05 4.27E-01 3.36E-05	Stream 7 5.35E-05 3.54E+01 1.73E+00	Stream 18 0.00E+00 0.00E+00 0.00E+00	Stream 19 0.00E+00	Stream 23 3.00E-08 6.54E-04 6.37E-05	Stream 24 0.00E+00 1.26E+01 6.07E-01	Stream 91 2.34E-05 8.04E-02 7.67E-03	Stream 201 9.06E-05 3.99E-01 3.14E-05	9.00E+00 0.00E+00 0.00E+00	2.16E-07 8.24E-13 6.49E-17
163 154 165 156 157 158	H3 SR90 RU106	Stream 1 1.93E-05 4.05E+01 2.00E+00 1.41E-01 1.34E+00	9.57E-05 9.57E-05 4.27E-01 3.36E-05 1.78E-01 4.92E+01	Steam 7 5.35E-05 3.54E+01 1.73E+00 2.84E-01	Stream 18 0.00E+00 0.00E+00 0.00E+00 0.00E+00	Stream 19 0.00E+00 0.00E+00 0.00E+00	Stream 23 3.00E-08 6.54E-04 6.37E-05 5.73E-05	Stream 24 0.00E+00 1.26E+01 6.07E-01	Stream 91 2.34E-05 8.04E-02 7.67E-03 7.05E-03	9.06E-05 3.99E-01 3.14E-05 1.66E-01	9:00E+00 0.00E+00 0.00E+00 0.00E+00	2.16E-07 8.24E-13 6.49E-17 3.43E-13
163 154 165 156 157 158 159	H3 SR90 RU106 CS134 CS137 CE144	Stream 1 1.93E-05 4.05E+01 2.00E+00 1.41E-01 1.34E+00 8.74E+00	\$57E-05 \$.57E-05 4.27E-01 3.36E-05 1.78E-01 4.92E+01 5.47E-06	\$.35E-05 \$.35E-05 \$.54E+01 1.73E+00 2.84E-01 4.64E+01 7.53E+00	Stream 18 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	3:00E-08 6:54E-04 6:37E-05 5:73E-05 9:34E-03 1:39E-04	5ream 24 0.00E+00 1.26E+01 6.07E-01 9.09E-02 1.49E+01 2.66E+00	\$tream 91 2.34E-05 8.04E-02 7.67E-03 7.05E-03 1.15E+00 1.71E-02	\$.06E-05 \$.06E-05 3.99E-01 3.14E-05 1.66E-01 4.60E+01 5.11E-06	9.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	2.16E-07 8.24E-13 6.49E-17 3.43E-13 9.50E-11 1.05E-17
153 154 155 156 157 158 159 160	H3 SR90 RU106 CS134 CS137 CE144 PM147	Stream 1 1.93E-05 4.05E+01 2.00E+00 1.41E-01 1.34E+00 8.74E+00 2.14E+01	\$57E-05 \$.57E-05 4.27E-01 3.36E-05 1.78E-01 4.92E+01 5.47E-06 7.03E-03	\$.35E-05 3.54E+01 1.73E+00 2.84E-01 4.64E+01 7.53E+00 1.85E+01	Stream 18 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	Stream 19 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	3.00E-08 6.54E-04 6.37E-05 5.73E-05 9.34E-03 1.39E-04 3.41E-04	Stream 24 0.00E+00 1.26E+01 6.07E-01 9.09E-02 1.49E+01 2.66E+00 6.52E+00	Stream 91 2.34E-05 8.04E-02 7.67E-03 7.05E-03 1.15E+00 1.71E-02 4.20E-02	\$100 \$100 \$100 \$100 \$100 \$100 \$100 \$100	Stream 212 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	2.16E-07 8.24E-13 6.49E-17 3.43E-13 9.50E-11 1.05E-17 1.36E-14
153 154 155 156 157 158 159 160	H3 SR90 RU106 CS134 CS137 CE144 PM147 PU238	Stream 1 1.93E-05 4.05E+01 2.00E+00 1.41E-01 1.34E+00 8.74E+00 2.14E+01 1.30E+00	9.57E-05 4.27E-01 3.36E-01 1.78E-01 4.92E+01 5.47E-06 7.03E-03	\$:seam 7 \$:35E-05 3:54E+01 1.73E+00 2:84E-01 4:84E+01 7:53E+00 1:85E+01 1:13E+00	Stream 18 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	Stream 19 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	Stream 23 3.00E-08 6.54E-04 6.37E-05 5.73E-05 9.34E-03 1.39E-04 3.41E-04 2.09E-05	Stream 24 0.00E+00 1.26E+01 6.07E-01 9.09E-02 1.49E+01 2.66E+00 6.52E+00 4.00E-01	Stream 91 2.34E-05 8.04E-02 7.87E-03 7.05E-03 1.15E+00 1.71E-02 4.20E-02 2.57E-03	\$14E-05 1.66E-01 1.66E-01 4.60E+01 5.11E-06 6.56E-03 1.53E-02	Stream 212 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	2.16E-07 8.24E-13 6.49E-17 3.43E-13 9.50E-11 1.05E-17 1.36E-14 3.15E-14
153 154 155 156 157 158 159 160 161 162	H3 SR90 RU106 CS134 CS137 CE144 PM147 PU238 PU239	Stream 1 1.93E-05 4.05E+01 2.00E+00 1.41E-01 1.34E+00 8.74E+00 2.14E+01 1.30E+00 1.13E-02	9.57E-05 4.27E-01 3.36E-05 1.78E-01 4.92E+01 5.47E-06 7.03E-03 1.63E-02	\$35E-05 3.54E-01 1.73E-00 2.84E-01 4.64E-01 7.53E-00 1.85E-01 1.13E-00 9.84E-03	Stream 18 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	Sream 19 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	Stream 23 3.00E-08 6.54E-04 6.37E-05 5.73E-05 9.34E-03 1.39E-04 3.41E-04 2.09E-05	Sream 24 0.00E+00 1.26E+01 6.07E-01 9.09E-02 1.49E+01 2.86E+00 6.52E+00 4.00E-01 3.48E-03	Stream 91 2.34E-05 8.04E-02 7.67E-03 7.05E-03 1.15E+00 1.71E-02 4.20E-02 2.57E-03 2.24E-05	8:06E-05 3.99E-01 3.14E-05 1.66E-01 4.60E+01 5.11E-06 6.56E-03 1.53E-02	Stream 212 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	2.16E-07 8.24E-13 6.49E-17 3.43E-13 9.50E-11 1.05E-17 1.36E-14 3.15E-14 2.98E-16
163 154 165 156 157 158 159 160 161 162	H3 SR90 RU106 CS134 CS127 CE144 PM147 PU238 PU239 PU240	Stream 1 1.93E-05 4.05E+01 2.00E+00 1.41E-01 1.34E+00 8.74E+00 2.14E+01 1.30E+00 1.13E-02 7.59E-03	9.57E-05 4.27E-01 3.36E-05 1.78E-01 4.92E+01 5.47E-06 7.03E-02 1.63E-02 1.04E-04	\$35E-05 3.54E-01 1.73E-00 2.84E-01 4.64E-01 7.53E-00 1.85E-01 1.13E-00 9.84E-03 6.64E-03	Stream 18 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	Stream 19 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	Stream 23 3.00E-08 6.54E-04 6.37E-05 5.73E-05 9.34E-03 1.39E-04 3.41E-04 2.09E-05 1.82E-07	Sream 24 0.00E+00 1.26E+01 6.07E-01 9.09E-02 1.49E+01 2.66E+00 6.52E+00 4.00E-01 3.48E-03 2.34E-03	Stream 91 2.34E-05 8.04E-02 7.67E-03 7.05E-03 1.15E+00 1.71E-02 4.20E-02 2.57E-03 2.24E-05	Stream 201 9.06E-05 3.99E-01 3.14E-05 1.66E-01 4.60E-01 5.11E-06 6.56E-03 1.53E-02 1.44E-04 9.71E-05	Stream 212 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	2.16E-07 8.24E-13 6.49E-17 3.43E-13 9.50E-11 1.05E-17 1.36E-14 3.15E-14 2.98E-16 2.00E-16
163 154 155 156 157 158 159 160 161 162 183	H3 SR90 RU106 CS134 CS137 CE144 PM147 PU238 PU239 PU240 PU241	Stream 1 1.93E-05 4.05E-01 4.05E-01 1.41E-01 1.34E+00 2.14E+01 1.30E+00 1.30E+00 7.59E-03 1.46E+00	9.57E-05 4.27E-01 3.36E-05 1.78E-01 4.92E-01 5.47E-06 7.03E-03 1.63E-02 1.54E-04 1.04E-04	Sream 7 5.35E-05 3.54E+01 1.73E+00 2.84E-01 4.64E+01 7.53E+00 1.85E+01 1.13E+00 9.84E-03 6.64E-03	Stream 18 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	Stream 19 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	Stream 23 3.00E-08 6.54E-04 6.37E-05 5.73E-05 9.34E-03 1.39E-04 2.09E-05 1.82E-07 1.23E-07 2.35E-05	Sream 24 0.00E+00 1.26E+01 6.07E-01 9.09E-02 1.49E+01 2.66E+00 4.00E-01 3.48E-03 2.34E-03 4.50E-01	Stream 91 2.34E-05 8.04E-02 7.67E-03 7.05E-03 1.15E+00 1.71E-02 4.20E-02 2.57E-03 2.24E-05 1.51E-05 2.89E-03	9.06E-05 3.99E-01 3.99E-01 3.99E-01 1.66E-01 4.60E+01 5.11E-06 6.56E-03 1.53E-02 1.44E-04 9.71E-05	Seream 212 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	2.16E-07 8.24E-13 6.49E-17 3.43E-13 9.50E-11 1.05E-17 1.36E-14 2.98E-16 2.00E-16
163 154 155 156 157 158 159 160 161 162 163 164	H3 SR90 RU106 CS134 CS137 CE144 PM147 PU238 PU239 PU240 PU241 AM241	Stream 1 1.93E-05 4.05E+01 2.00E+00 1.41E-01 1.94E+00 2.14E+01 1.30E+00 1.13E-02 7.59E-03 1.46E+00 9.47E-03	9.57E-05 4.27E-01 3.36E-05 1.78E-01 4.92E-01 4.92E-01 7.03E-03 1.63E-02 1.54E-04 1.24E-02 2.57E-04	\$1.27E+00 \$.40E-03 \$.54E-01 1.73E+00 2.64E-01 4.64E-01 1.85E+01 1.13E+00 9.84E-03 6.64E-03 1.27E+00 8.40E-03	Stream 18 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	Stream 19 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	Stream 23 3.00E-08 6.54E-04 6.37E-05 5.73E-05 9.34E-03 1.39E-04 2.09E-05 1.22E-07 1.23E-07 2.35E-05	Seeam 24 0.00E+00 1.26E+01 6.07E-01 9.09E-02 1.49E+01 2.86E+00 4.00E-01 3.48E-03 4.50E-01 2.97E-03	Stream 91 2.34E-05 8.04E-02 7.67E-03 1.15E+00 1.71E-02 4.20E-02 2.57E-03 2.24E-05 1.51E-05 2.89E-03	9.06E-05 3.99E-01 3.14E-05 1.66E-01 4.60E-01 5.11E-06 6.56E-03 1.53E-02 1.44E-04 9.71E-05 1.16E-02 2.40E-04	Servar 212 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	2.16E-07 8.24E-13 6.49E-17 3.43E-13 9.50E-11 1.05E-17 1.36E-14 2.98E-18 2.00E-16 2.40E-14
163 154 155 156 157 158 159 160 161 162 183	H3 SR90 RU106 CS134 CS137 CE144 PM147 PU238 PU239 PU240 PU241	Stream 1 1.93E-05 4.05E-01 4.05E-01 1.41E-01 1.34E+00 2.14E+01 1.30E+00 1.30E+00 7.59E-03 1.46E+00	9.57E-05 4.27E-01 3.36E-05 1.78E-01 4.92E-01 4.92E-01 7.03E-03 1.63E-02 1.54E-04 1.24E-02 2.57E-04	Sream 7 5.35E-05 3.54E+01 1.73E+00 2.84E-01 4.64E+01 7.53E+00 1.85E+01 1.13E+00 9.84E-03 6.64E-03	Stream 18 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	Stream 19 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	Stream 23 3.00E-08 6.54E-04 6.37E-05 5.73E-05 9.34E-03 1.39E-04 2.09E-05 1.22E-07 1.23E-07 2.35E-05	Seeam 24 0.00E+00 1.26E+01 6.07E-01 9.09E-02 1.49E+01 2.86E+00 4.00E-01 3.48E-03 4.50E-01 2.97E-03	Stream 91 2.34E-05 8.04E-02 7.67E-03 1.15E+00 1.71E-02 4.20E-02 2.57E-03 2.24E-05 1.51E-05 2.89E-03	9.06E-05 3.99E-01 3.14E-05 1.66E-01 4.60E-01 5.11E-06 6.56E-03 1.53E-02 1.44E-04 9.71E-05 1.16E-02 2.40E-04	Servar 212 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	2.16E-07 8.24E-13 6.49E-17 3.43E-13 9.50E-11 1.05E-17 1.36E-14 2.98E-18 2.00E-16 2.40E-14
163 154 165 156 157 158 159 160 161 162 163 164 165	H3 SR90 RU106 CS134 CS137 CE144 PM147 PU238 PU239 PU240 PU241 AM241	Stream 1 1.93E-05 4.05E+01 2.00E+00 1.41E-01 1.94E+00 2.14E+01 1.30E+00 1.13E-02 7.59E-03 1.46E+00 9.47E-03	9.57E-05 4.27E-01 3.36E-05 1.78E-01 4.92E-01 4.92E-01 7.03E-03 1.63E-02 1.54E-04 1.24E-02 2.57E-04	\$1.27E+00 \$.40E-03 \$.54E-01 1.73E+00 2.64E-01 4.64E-01 1.85E+01 1.13E+00 9.84E-03 6.64E-03 1.27E+00 8.40E-03	Stream 18 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	Stream 19 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	Stream 23 3.00E-08 6.54E-04 6.37E-05 5.73E-05 9.34E-03 1.39E-04 2.09E-05 1.22E-07 1.23E-07 2.35E-05	Seeam 24 0.00E+00 1.26E+01 6.07E-01 9.09E-02 1.49E+01 2.86E+00 4.00E-01 3.48E-03 4.50E-01 2.97E-03	Stream 91 2.34E-05 8.04E-02 7.67E-03 1.15E+00 1.71E-02 4.20E-02 2.57E-03 2.24E-05 1.51E-05 2.89E-03	9.06E-05 3.99E-01 3.14E-05 1.66E-01 4.60E-01 5.11E-06 6.56E-03 1.53E-02 1.44E-04 9.71E-05 1.16E-02 2.40E-04	Servar 212 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	2.16E-07 8.24E-13 6.49E-17 3.43E-13 9.50E-11 1.05E-17 1.36E-14 2.98E-18 2.00E-16 2.40E-14

	<u> </u>	В	С	D	E	F	G	н		J	K	
169			<u> </u>		-	PU238	1,24E+04	0.00E+00	1.24E+04	0.00E+00	1.24E+04	0.00E+00
170			 	 	 	PU239	1.08E+02	0.00E+00	1.08E+02	0.00E+00	1.08E+02	0.00E+00
171				 		PU240	7.30E+01	0.00E+00	7.30E+01	0.00E+00	7.30E+01	0.00E+00
172				 		PU241	1.40E+04	0.00E+00	1.40E+04	0.00E+00	1.40E+04	. 0.00E+00
173				T		AM241	9.24E+01	0.00E+00	9.24E+01	0.00E+00	9.24E+01	0.00E+00
174				 	 	CM244	9.04E+02	0.00E+00	9.04E+02	0.00€+00	9.04E+02	0.00E+00
176				 		<u> </u>		3,000 00		0.000	5.5.5	3,332
176												
177				 						EXPLOSION		
178					 	RCT	BEG INV	DAR	INV AF DAR	SPLASHING	INV AF SPLSH	EVAPORATION
179			-			нз	2.57E-01	0.00E+00	2.57E-01	0.00E+00	2.57E-01	0.00E+00
180				 		SR90	8.84E+02	0.00E+00	8.84E+02	0.00E+00	8.84E+02	0.00E+00
181						RU106	8.44E+01	0.00E+00	8.44E+01	0.00E+00	8.44E+01	0.00E+00
182				1		CS134	7.76E+01	0.00E+00	7.76E+01	0.00E+00	7.76E+01	0.00E+00
183	\neg			†		CS137	1.27E+04	0.00E+00	1.27E+04	0.00E+00	1.27E+04	0.00E+00
184				 	1	CE144	1.88E+02	0.00E+00	1.88E+02	0.00E+00	1.88E+02	0.00E+00
185						PM147	4.62E+02	0.00E+00	4.62E+02	0.00E+00	4.62E+02	0.00E+00
186				 		PU238	2.83E+01-	0.00E+00	2.83E+01	0.00E+00	2.83E+01	0.00E+00
187				1		PU239	2.46E-01	0.00E+00	2.46E-01	0.00E+00	2.46E-01	0.00E+00
188						PU240	1.66E-01	0.00E+00	1.66E-01	0.00E+00	1.66E-01	0.00E+00
189					1	PU241	3.18E+01	0.00E+00	3.18E+01	0.00E+00	3.18E+01	0.00E+00
190				1		AM241	2.10E-01	0.00E+00	2.10E-01	0.00E+00	2.10E-01	0.00E+00
191						CM244	2.06E+00	0.00E+00	2.06E+00	0.00E+00	2.06E+00	0.00E+00
192												
193												
194				T								
195						Mett Cell	Total Melt inv	TOT, Release	Part Melt inv	PMS Release	Melter Offgas	MOGR
196						H3	0.00E+00	1.07E-06	0.00E+00	0.00E+00	1.27E-01	0.00E+00
197				1		SR90	1.97E+05	4.33E+02	2.87E+03	0.00E+00	2.76E+03	0.00E+00
198						RU106	9.47E+03	6.05E+00	1.38E+02	0.00E+00	2.69E+02	0.00E+00
199						CS134	1.42E+03	2.03E-03	2.07E+01	0.00E+00	2.42E+02	0.00E+00
200				1		CS137	2.33E+05	1.16E+03	3.40E+03	0.00E+00	3.94E+04	0.00E+00
201						Œ144	4.15E+04	4.93E-03	6.06E+02	0.00E+00	5.86E+02	0.00E+00
202						PM147	1.02E+05	1.21E-02	1.49E+03	0.00E+00	1.44E+03	0.00E+00
203	[PU238	6.24E+03	7.42E-04	9.12E+01	0.00E+00	8.62E+01	0.00E+00
204						PU239	5.43E+01	6.46E-06	7.93E-01	0.00E+00	7.68E-01	0.00E+00
205						PU240	3.65E+01	4.37E-06	5.33E-01	0.00E+00	5.19E-01	0.00E+00
206				Ι		PU241	7.02E+03	8.34E-04	1.03E+02	0.00E+00	9.91E+01	0.00E+00
207						AM241	4.64E+01	5.50E-06	6.77E-01	0.00E+00	6.54E-01	0.00E+00
208						CM244	4.53E+02	5.40E-05	6.61E+00	0.00E+00	6.41E+00	0.00E+00
209				L								
210									I			
211												
212						TOTAL	OWST	LPPPST	LPPPPT	LPPPRT	PR	PRFT
213				<u> </u>	<u> </u>	RELEASES	RELEASE	RELEASE	RELEASE	RELEASE	RELEASE	RELEASE
214				<u> </u>	<u> </u>	нз	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
215					Ь	SR90	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
216				1		RU106	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
217					l	CS134	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
218	1				L	CS137	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
219	I					CE144	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
220	T					PM147	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
221						PU238	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
222	T					PU239	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
223				1		PU240	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
224						PU241	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
225					<u> </u>	AM241	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
226						CM244	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
227				L		Total	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
228				L							<u></u>	
229	I									L		
230	I						TOTAL		ISITE DCF (REM			FFSITE DCF (REM/C
231						DOSE	RELEASE (CI)	STACK	VIT	LPPP	STACK	VIT
						H3	1.07E-06	4.01E-07	1.60E-06	1.60E-06	1.41E-07	2.20E-07
				-				5.49E-03	2.18E-02	2.18E-02	1.93E-03	2015 02
233						SR90	4.33E+02	بندند سينسبب سينتفقت ك				3.01E-03
233 234					E	RU106	6.05E+00	1.86E-03	7.39E-03	7.39E-03	6.52E-04	1.02E-03
233 234 235						RU106 CS134	6.05E+00 2.03E-03	1.86E-03 2.11E-04	7.39E-03 7.96E-04	7.39E-03 7.96E-04	6.52E-04 7.04E-05	1.02E-03 1.10E-04
233 234 235 236						RU106 CS134 CS137	6.05E+00 2.03E-03 1.16E+03	1.86E-03 2.11E-04 1.35E-04	7.39E-03 7.96E-04 5.38E-04	7.39E-03 7.96E-04 5.38E-04	6.52E-04 7.04E-05 4.74E-05	1.02E-03 1.10E-04 7.41E-05
233 234 235 236 237						RU106 CS134 CS137 CE144	6.05E+00 2.03E-03 1.16E+03 4.93E-03	1.86E-03 2.11E-04 1.35E-04 1.48E-03	7.39E-03 7.96E-04 5.38E-04 5.88E-03	7.39E-03 7.96E-04 5.38E-04 5.88E-03	6.52E-04 7.04E-05 4.74E-05 5.19E-04	1.02E-03 1.10E-04 7.41E-05 8.11E-04
233 234 235 236 237 238						RU106 CS134 CS137 CE144 PM147	6.05E+00 2.03E-03 1.16E+03 4.93E-03 1.21E-02	1.86E-03 2.11E-04 1.35E-04 1.48E-03 1.44E-04	7.39E-03 7.96E-04 5.38E-04 5.88E-03 5.71E-04	7.39E-03 7.96E-04 5.38E-04 5.88E-03 5.71E-04	6.52E-04 7.04E-05 4.74E-05 5.19E-04 5.04E-05	1.02E-03 1.10E-04 7.41E-05 8.11E-04 7.88E-05
233 234 235 236 237 238 239						RU106 CS134 CS137 CE144 PM147 PU238	6.05E+00 2.03E-03 1.16E+03 4.93E-03 1.21E-02 7.42E-04	1.86E-03 2.11E-04 1.35E-04 1.48E-03 1.44E-04 1.94E+00	7.39E-03 7.96E-04 5.38E-04 5.88E-03 5.71E-04 7.73E+00	7.39E-03 7.96E-04 5.38E-04 5.88E-03 5.71E-04 7.73E+00	6.52E-04 7.04E-05 4.74E-05 5.19E-04 5.04E-05 6.82E-01	1.02E-03 1.10E-04 7.41E-05 8.11E-04 7.88E-05 1.07E+00
233 234 235 236 237 238 239 240						RU106 CS134 CS137 CE144 PM147 PU238 PU239	6.05E+00 2.03E-03 1.16E+03 4.93E-03 1.21E-02 7.42E-04 6.46E-06	1.86E-03 2.11E-04 1.35E-04 1.48E-03 1.44E-04 1.94E+00 2.15E+00	7.39E-03 7.96E-04 5.38E-04 5.88E-03 5.71E-04 7.73E+00 8.57E+00	7.39E-03 7.96E-04 5.38E-04 5.88E-03 5.71E-04 7.73E+00 8.57E+00	6.52E-04 7.04E-05 4.74E-05 5.19E-04 5.04E-05 6.82E-01 7.56E-01	1.02E-03 1.10E-04 7.41E-05 8.11E-04 7.88E-05 1.07E+00 1.18E+00
232 233 234 235 236 237 238 239 240 241						RU106 CS134 CS137 CE144 PM147 PU238 PU239 PU240	6.05E+00 2.03E-03 1.16E+03 4.93E-03 1.21E-02 7.42E-04 6.46E-06 4.37E-06	1.86E-03 2.11E-04 1.35E-04 1.48E-03 1.44E-04 1.94E-00 2.15E+00 2.15E+00	7.39E-03 7.96E-04 5.38E-04 5.86E-03 5.71E-04 7.73E+00 8.57E+00 8.57E+00	7.39E-03 7.96E-04 5.38E-04 5.88E-03 5.71E-04 7.73E+00 8.57E+00 8.57E+00	6.52E-04 7.04E-05 4.74E-05 5.19E-04 5.04E-05 6.82E-01 7.56E-01 7.56E-01	1.02E-03 1.10E-04 7.41E-05 8.11E-04 7.88E-05 1.07E+00 1.18E+00
233 234 235 236 237 238 239 240 241 242						RU106 CS134 CS137 CE144 PM147 PU238 PU239 PU240 PU241	6.05E+00 2.03E-03 1.16E+03 4.93E-03 1.21E-02 7.42E-04 6.46E-06 4.37E-06 8.34E-04	1.86E-03 2.11E-04 1.35E-04 1.48E-03 1.44E-04 1.94E+00 2.15E+00 4.22E-02	7.39E-03 7.96E-04 5.38E-04 5.88E-03 5.71E-04 7.73E+00 8.57E+00 1.68E-01	7.39E-03 7.96E-04 5.38E-04 5.88E-03 5.71E-04 7.73E-00 8.57E+00 1.68E-01	6.52E-04 7.04E-05 4.74E-05 5.19E-04 5.04E-05 6.82E-01 7.56E-01 7.56E-01 1.48E-02	1.02E-03 1.10E-04 7.41E-05 8.11E-04 7.88E-05 1.07E+00 1.18E+00 1.18E+00 2.32E-02
233 234 235 236 237 238 239 240 241 242 243						RU106 CS134 CS137 CE144 PM147 PU238 PU238 PU240 PU241 AM241	6.05E+00 2.03E-03 1.16E+03 4.93E-03 1.21E-02 7.42E-04 6.46E-06 4.37E-06 8.34E-04 5.50E-06	1.86E-03 2.11E-04 1.35E-04 1.48E-03 1.44E-04 1.94E+00 2.15E+00 4.22E-02 2.20E+00	7.39E-03 7.96E-04 5.38E-04 5.38E-03 5.71E-04 7.73E+00 8.57E+00 1.69E-01 8.74E+00	7.39E-03 7.96E-04 5.38E-04 5.88E-03 5.71E-04 7.73E+00 8.57E+00 1.68E-01 8.74E+00	6.52E-04 7.04E-05 4.74E-05 5.19E-04 5.04E-05 6.82E-01 7.56E-01 1.44E-02 7.71E-01	1.02E-03 1.10E-04 7.41E-05 8.11E-04 7.88E-05 1.07E+00 1.18E+00 2.22E-02 1.20E+00
233 234 235 236 237 238 239 240						RU106 CS134 CS137 CE144 PM147 PU238 PU239 PU240 PU241	6.05E+00 2.03E-03 1.16E+03 4.93E-03 1.21E-02 7.42E-04 6.46E-06 4.37E-06 8.34E-04	1.86E-03 2.11E-04 1.35E-04 1.48E-03 1.44E-04 1.94E+00 2.15E+00 4.22E-02	7.39E-03 7.96E-04 5.38E-04 5.88E-03 5.71E-04 7.73E+00 8.57E+00 1.68E-01	7.39E-03 7.96E-04 5.38E-04 5.88E-03 5.71E-04 7.73E-00 8.57E+00 1.68E-01	6.52E-04 7.04E-05 4.74E-05 5.19E-04 5.04E-05 6.82E-01 7.56E-01 7.56E-01 1.48E-02	1.02E-03 1.10E-04 7.41E-05 8.11E-04 7.88E-05 1.07E+00 1.18E+00 1.18E+00 2.32E-02

	M	T N	0	P	1 0	1 8	1 8	T .	U
169	0.00E+00	1.24E+04						1 005.00	
			0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	0.00E+00
170	0.00E+00	1.08E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	0.00E+00
171	0.00E+00	7.30E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	0.00E+00
172	0.00E+00	1.40E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	0.00E+00
173	0.00E+00	9.24E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	0.00E+00
174	0.00E+00	9.04E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	0.00E+00
175		,			0.002.00		U.00L-00	1.002.100	V.WE+W
176								 	
177		SPLASHING	 				ļ	ļ	
	601 46111116								RCT
178	SPLASHING	INV AF SPLSH	EVAPORATION	LEAK	VENTING	UNC'D RC'N	OVERFLOW	DF	RELEASE
179	0.00E+00	2.57E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	0.00E+00
180	0.00E+00	8.84E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	0.00E+00
181	0.00E+00	8.44E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.00E+00	1.00E+00	0.00E+00
182	0.00E+00	7.76E+01	0.00E+00	0.00E+00	0.00E+00	0.00€+00	0.00E+00	1.00E+00	0.00E+00
183	0.00E+00	1.27E+04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	0.00E+00
184	0.00E+00	1.88E+02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00		
185	0.00E+00	4.62E+02	0.00E+00	0.00E+00	0.00E+00			1.00E+00	0.00E+00
186	0.00E+00	2.83E+01	0.00E+00			0.00E+00	0.00E+00	1.00E+00	0.00E+00
187				0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	0.00E+00
	0.00E+00	2.46E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	0.00E+00
188	0.00E+00	1.66E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	0.00E+00
189	0.00E+00	3.18E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	0.00E+00
190	0.00E+00	2.10E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	0.00E+00
191	0.00E+00	2.06E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+00	0.00E+00
192		1					J	1.002-00	U.WE-00
193									ļI
194				MELTER		 	-		
195	Conistan	MAR	DF				\$PC	SPC	TOTAL
	Canister	MCR		RELEASE			DEF.	FIRE	EFFECTS
198	0.00E+00	0.00E+00	1.00E+00	1.07E-06			0.00E+00	0.00E+00	0.00E+00
197	4.67E+04	0.00E+00	1.00E+00	4.33E+02			0.00E+00	0.00E+00	0.00E+00
198	2.25E+03	0.00E+00	1.00E+00	6.05E+00			0.00E+00	0.00E+00	0.00E+00
199	3.37E+02	0.00E+00	1.00E+00	2.03E-03			0.00E+00	0.00E+00	0.00E+00
20C	5.53E+04	0.00E+00	1.00E+00	1.16E+03		T	0.00E+00	0.00E+00	0.00E+00
201	9.87E+03	0.00E+00	1.00E+00	4.93E-03					
202	2.42E+04	0.00E+00	1.00E+00	1.21E-02		}	0.00E+00	0.00E+00	0.00E+00
203	1.48E+03	0.00E+00	1.00E+00				0.00E+00	0.00E+00	0.00E+00
				7.42E-04		· I	0.00E+00	0.00E+00	0.00E+00
204	1.29E+01	0.00E+00	1.00E+00	6.46E-06			0.00E+00	0.00E+00	0.00E+00
205	8.68E+00	0.00E+00	1.00E+00	4.37E-06			0.00E+00	0.00E+00	0.00E+00
206	1.67E+03	0.00E+00	1.00E+00	8.34E-04			0.00E+00	0.00E+00	0.00E+00
207	1.10E+01	0.00E+00	1.00E+00	5.50E-06			0.00E+00	0.00E+00	0.00E+00
208	1.08E+02	0.00E+00	1.00E+00	5.40E-05			0.00E+00	0.00E+00	0.00E+00
209			1.53.5						
210						 	0.00E+00	0.00E+00	0.00E+00
211									
212	PRBT	8ME	SRAT	1457					
213	RELEASE	RELEASE		MFT	RCT	MELTER	TOTAL		
			RELEASE	RELEASE	RELEASE	RELEASE	RELEASE (CI)		
214	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-06	1.07E-06		
215	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E+02	4.33E+02		
216	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E+00	6.05E+00		
217	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-03	2.03E-03		
218	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E+03	1.16E+03		
219	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00				
220	0.00E+00	0.00E+00	0.00E+00			4.93E-03	4.93E-03		
221	0.00E+00			0.00E+00	0.00E+00	1.21E-02	1.21E-02		
		0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-04	7.42E-04		
222	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.46E-06	6.46E-06		
223	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-06	4.37E-06		
224	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.34E-04	8.34E-04		
225	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.50E-06	5.50E-06		
226	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.40E-05	5.40E-05		
227	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E+03	1.60E+03		
228					V.44E-00	1.0VE+W3	1.002103		
229						 			
230II)		ONSITE DOSE	OFFEITE DOOF	Sagueras					
231	LPPP		OFFSITE DOSE	Sequence					
		(rem)	(rem)	Frequency					
232	2.12E-07	1.70E-12	2.34E-13						
233	2.91E-03	9.43E+00	1.30E+00						
234	9.84E-04	4.47E-02	6.17E-03						
235	1.06E-04	1.62E-06	2.24E-07						
236	7.16E-05	6.25E-01	8.60E-02			 			
237	7.83E-04	2.90E-05	4.00E-06						
238	7.60E-05	6.91E-06				BELEVANIA			
239	1.03E+00		9.54E-07			RELEASE LOCATION	2		
240		5.74E-03	7.94E-04			1	STACK		
	1.14E+00	5.54E-05	7.62E-06			2	VIT		
	1.14E+00	3.74E-05	5.15E-06			3	Pabb		
241						1			
241 242	2.24E-02	1.40E-04	1.94E-05			1			
241		1.40E-04 4.81E-05	1,94E-05 6.60E-06						
241 242	2.24E-02	4.81E-05	6.60E-06						
241 242 243	2.24E-02 1.16E+00			7.00E-03					

	· ·	W	X	Y	Z	AA I	AB	AC	AD	AE	AF	AG	AH
169													
170		CB - Modes A&B											
171			Ci/gal	Ci/gal	Ci/gal		Ci/gal	CVK*3	CVID	Ci/gal	Charles	Ci/gal	Ci/gal
172		Isotope	Stream 1 1,83E-05	Stream 3	5.35E-05	Stream 18	0.00E+00				0.00E+00	0.00E+00	
173 174		H3 SR80	4.05E+01			0.00E+00			1.26E+01			0.00E+00	
175		RU106	2.00E+00		1.73E+00				6.07E-01	7.67E-03	0.00E+00	0.00E+00	0.00E+00
176		CS134	1.41E-01		2.84E-01				9.09E-02	7.05E-03	0.00E+00	0.00E+00	0.00E+00
177		CS137	1.14E-01		1.36E+00					3.37E-02	0.00E+00	0.00E+00	0.00E+00
178		CE144	8.74E+00		7.53E+00 1.85E+01						0.00E+00 0.00E+00	0.00E+00	0.00E+00 0.00E+00
180		PM147 PU238	2.14E+01 1.30E+00		1.13E+00			2.09E-05	4.00E-01	2.57E-03	0.00E+00	0.00E+00	0.00E+00
181		PU239	1.13E-02		9.84E-03				3.48E-03		0.00E+00	0.00E+00	0.00E+00
182		PU240	7.59E-03		6.64E-03		0.00E+00		2.34E-03	1.51E-05	0.00E+00	0.00E+00	0.00E+00
183		PU241	1.46E+00		1.27E+00				4.50E-01	2.89E-03	0.00E+00	0.00E+00	
184		AM241	9.47E-03		8.40E-03						0.00E+00 0.00E+00	0.00E+00 0.00E+00	0.00E+00
185 186		CM244	9.40E-02	0.00E+00	8.22E-02	U.00E+00	0.00€+00	1.52E-06	2.90E-02	1.87E-04	0.002-00	0.00E+00	0.00€+00
187			 			•						— —	
188		CB - Mode C	† 										
189			Stream 1	Stream 3								Stream 212	
190		H3	1.93E-05			0.00E+00			0.00E+00		9.06E-05		2.16E-07
191		SR90	4.05E+01		3.54E+01		0.00E+00 0.00E+00		1.26E+01 6.07E-01	8.04E-02 7.67E-03	3.99E-01 3.14E-05	0.00E+00 0.00E+00	8.24E-13 6.49E-17
192		RU106 CS134	2.00E+00 1.41E-01		1.73E+00 2.84E-01	0.00E+00			9.09E-02	7.05E-03	1.66E-01	0.00E+00	3.43E-13
194		CS137	1.34E+00		4.64E+01		0.00E+00			1.15E+00		0.00E+00	9.50E-11
195		Œ144	8.74E+00	5.47E-06	7.53E+00	0.00E+00	0.00E+00	1.39E-04	2.66E+00	1.71E-02	5.11E-06	0.00E+00	1.05E-17
196		PM147	2.14E+01		1.85E+01	0.00E+00					6.56E-03		1.36E-14
197		PU238	1.30E+00		1.13E+00				4.00E-01	2.57E-03	1.53E-02	0.00E+00	3.15E-14
198		PU239 PU240	1.13E-02 7.59E-03	1.54E-04 1.04E-04					3.48E-03 2.34E-03	2.24E-05 1.51E-05	1.44E-04 9.71E-05		2.96E-16 2.00E-15
200		PU241	1.46E+00		1.27E+00						1.16E-02	0.00E+00	2.40E-14
201		AM241	8.47E-03		8.40E-03				2.97E-03		2.40E-04		4.95E-16
202		CM244	9.40E-02	1.29E-03	8.22E-02	0.00E+00	0.00E+00	1.52E-06	2.90E-02	1.87E-04	1.20E-03	0.00E+00	2.48E-15
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APPENDIX 3: DWPFASTXL FORMULA LISTING

Microsoft Excel for Windows Version 4.0 allows cells or groups of cells (arrays) to be assigned a variable name. This variable name can then be used in other cell formulas as opposed to identifying the cell or group of cells by column and row number. Table A3-1 lists the variable names defined in version 2.0 of DWPFASTXL, along with the specific cell or range of cells defining each name. Note, however, that not all of these variable names are used in the current version of DWPFASTXL. In addition, note that the cell ranges (row and column numbers) given in Table A3-1 correspond to the DWPFASTXL printout in Appendix 2, as well as the formula listing given in this appendix.

The remainder of this appendix provides a listing of the formula contents of each individual cell in DWPFASTXL, for typical input values. The row and column numbers in this listing correspond to the DWPFASTXL printout in Appendix 2, as well as the variable names in Table A3-1.

Table A3-1: Variable Names Used in DWPFASTXL V2.0

Variable	Range	Variable	Range	Variable	Range
CPCDF	=X73:Y85	Onsite_chart	=M207:S246	SME_RELEASE	=U128:U140
curr_scc_num	=AJ1	ONSITE_DCF	=H232:J244	SNDDF	=X105:AB117
DIM_1	=67	Operation_Mode	=B31	SOURCE_TERM	=F212:R226
DIM_2	=B8	OWST_RELEASE	=L6:L18	SPCDF	=Z73:AA85
DIM_3	=B9	pas_freq	=P245	SRAT_RELEASE	=U145:U157
DIM_4	=B10	Paste_area	=B7:B25	Stream_1	=X154:X166
DIM_5	≠B11	PR_RELEASE	=U74:U86	Stream_18	=AA154:AA166
DIM_6	=B12	PRBT_RELEASE	=U111:U123	Stream_19	=AB154:AB166
DIM_7	=813	PRFT_RELEASE	=U94:U106	Stream_201	=AF154:AF166
DIM_8	=B14	RCT_RELEASE	=U179:U191	Stream_212	=AG154:AG166
DIM_9	=B15	RELEASE_LOCATION	=S238	Stream_222	=AH154:AH166
DIM_10	=B16	Results_Description	=AK3:CH3	Stream_23	=AC154:AC166
DIM_11	=B17	Results_Duration	=AK18:CH18	Stream_24	=AD154:AD166
DIM_12	=B18	Results_Elevation	≈AK17:CH17	Stream_3	=Y154:Y166
DIM_13	=B19	Results_Frequency	=AK19:CH19	Stream_7	≈Z154:Z166
DIM_14	=B20	Results_Section	=AK2:CH16	Stream_91	*AE154:AE166
DBM_15	=B21	Results_src_trm	=AK4:CH16	Total_Release_Ci	≈S214:S226
DBM_16	=B22	RFCR	=Z51:Z63	VITOF	=X89:AB101
DIM_17	=B23	RFFIRE	=Y51:Y63	VLEAKC	=X29
DIM_18	=B24	RFLEAK	=X66:Y66	VLEAKP	=X28
DIM_19	=B25	RFMSPL	=AA51:AA63	VLEAKS	≈X30
DURLNG	=X69	RFSPLSH	≠X51:X63	VLPPT	=X8
DURSHT	=X68	RFTOR	=AB51:AB63	VLPRT	=X9
rror_Ck	=D7:D25	RFVENT	=X67:Y67	VLPST	=X7
TRE	=U196:U208	RHO	=X31	VMFT	=X15
.PBDDF	=X137:AA149	RHOB	=X32	VMLT	=X16
PELDE	=X121:AA133	RHOG	=X34	VMSPL	≈X26
PPPPT_RELEASE	=U40:U52	RHOGL	=X33	VOECT	=X19
PPPRT_RELEASE	=U57:U69	RLEXLPPT	=X37:Y37	VOEV	≈X18
PPPST_RELEASE	=U23:U35	RLEXLPST	=X38:Y38	VOVFL	=X27
nbr_dose	=0245	RLEXMFT	=X44:Y44	vowst	≈X6
MCAN	=X25	RLEXOECT	=X45:Y45	VPR	=X10
MCDF	=AB73:AC85	RLEXOEV	=X47:Y47	VPRBT	=X12
MELTER_RELEASE	*P196:P208	RLEXOW	=X36	VPRFT	=X11
MFT_RELEASE	=U162:U174	RLEXPR	=X39:Y39	VRCT	≈X17
Mode_AB	=X173:AH185	RLEXPRBT	=X41:Y41	VSME	≈X13
Mode_C	=X190:AH202	RLEXPRFT	=X40:Y40	VSRAT	=X14
MROG	=X24	RLEXSME	=X42:Y42	VUCRC	=X22
offsite_chart	=M247:S288	RLEXSPC	=X46	VUCRS	≈X21
OFFSITE DCF	=K232:M244	RLEXSRAT	=X43:Y43	VUCRSPL	=X23

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-	_^_	DWPFASTXL: Individual Event Radiological Source Terms and Consequences, Ver. 2.0, 10/14/94	
 		S.T. Gough & D.P.Kearnaghan	
3			
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			D-d-ut
	Dim	Current	Default 3
	DIM_1 DIM_2	6	6
	DIM_3	6	6
	DIM_4	4	4
77	DIM_5	8	8
	DIM_6	17	7
	DIM_7	7	7
	DIM_8	2	8
	DIM 10	7	7
17	DIM_11	6	6
	DIM_12	5	5
	DIM_13	2	2
	DIM_14		2
	DIM_15 DIM_16	2	2
	DIM_17	2	2
24	DIM_18	4	5
	DIM_19	4	4
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	Mode	2	
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33		ID	
	DIM_1 DIM_2	=IF(B7=1,"A",IF(B7=2,"B",IF(B7=3,"C",IF(B7=4,"D",IF(B7=5,"E",IF(B7=6,"F",IF(B7=7,"G",IF(B7=8,"H","ERROR"))))))) =IF(B8=1,"A",IF(B8=2,"B",IF(B8=3,"C",IF(B8=4,"D",IF(B8=5,"E",IF(B8=6,"F",IF(B8=7,"G",IF(B8=8,"H","ERROR"))))))	PPST
	DIM_3	=1F(B9=1, "A", IF(B9=2, "B", IF(B9=3, "C", IF(B9=4, "D", IF(B9=5, "E", IF(B9=6, "F", IF(B9=7, "G", IF(B9=8, "H", "ERROR")))))))	PPPT
	DIM_4	=IF(B10=1,"A.",IF(B10=2,"B",IF(B10=3,"C",IF(B10=4,"D",IF(B10=5,"E",IF(B10=6,"F",IF(B10=7,"G",IF(B10=8,"H","ERROR")))))))	PPRT
	DIM_5	-IF(B11=1, "A",IF(B11=2,"B",IF(B11=3,"C",IF(B11=4,"D",IF(B11=5,"E",IF(B11=6,"F",IF(B11=7,"G",IF(B11=8,"H","ERROR"))))))	PR
	DIM_6	=IF(B12=1,"A",IF(B12=2,"B",IF(B12=3,"C",IF(B12=4,"D",IF(B12=5,"E",IF(B12=6,"F",IF(B12=7,"G",IF(B12=8,"H","ERROR")))))))	PRFT
	DIM_7	=IF(B13=1,"A",IF(B13=2,"B",IF(B13=3,"C",IF(B13=4,"D",IF(B13=5,"E",IF(B13=6,"F",IF(B13=7,"G",IF(B13=8,"H","ERROR")))))))	PRBT
	DIM_B DIM_9	=iF(B14=1,"A",iF(B14=2,"B",iF(B14=3,"C",iF(B14=4,"D",iF(B14=5,"E",iF(B14=6,"F",iF(B14=7,"G",iF(B14=8,"H","ERROR")))))))	SME
	DIM_10	=if(B15=1,"A",if(B15=2,"B",if(B15=3,"C",if(B15=4,"D",if(B15=5,"E",if(B15=6,"F",if(B15=7,"G",if(B15=8,"h","ERROR"))))))) =if(B16=1,"A",if(B16=2,"B",if(B16=3,"C",if(B16=4,"D",if(B16=5,"E",if(B16=6,"f",if(B16=7,"G",if(B16=8,"h","ERROR"))))))	MFT
	DIM_11	=IF(B17=1,"A",IF(B17=2,"B",IF(B17=3,"C",IF(B17=4,"D",IF(B17=5,"E",IF(B17=5,"F",IF(B17=7,"G",IF(B17=8,"H","ERROR")))))))	RCT
	DIM_12	=IF(B18=1,"A",IF(B18=2,"B",IF(B18=3,"C",IF(B18=4,"D",IF(B18=5,"E",IF(B18=6,"F",IF(B18=7,"G",IF(B18=8,"H","ERROR")))))))	Melt
	DIM_13	=!F(B19=1, "A",!F(B19=2,"B",!F(B19=3,"C",!F(B19=4,"D",!F(B19=5,"E",!F(B19=6,"F",!F(B19=7,"G",!F(B19=8,"H","ERROR")))))))	SPC-VC
	DIM_14	=IF(B20=1,"A",IF(B20=2,"B",IF(B20=3,"C",IF(B20=4,"D",IF(B20=5,"E",IF(B20=6,"F",IF(B20=7,"G",IF(B20=8,"H","ERROR")))))))	SPC-F
	DIM_15 DIM_16	=IF(B21=1,"A",IF(B21=2,"B",IF(B21=3,"C",IF(B21=4,"D",IF(B21=5,"E",IF(B21=6,"F",IF(B21=7,"G",IF(B21=8,"H","ERROR"))))))) =IF(B22=1,"A",IF(B22=2,"B",IF(B22=3,"C",IF(B22=4,"D",IF(B22=5,"E",IF(B22=6,"F",IF(B22=7,"G",IF(B22=8,"H","ERROR"))))))	SPC-C
	DIM_17	" (822-1, X,)" (823-2, "8", f (822-3, "0", f (823-4, "0", f (823-5, "E", f (823-6, "F", f (823-7, "G", f (823-8, "H", "ERROR")))))))	Melt-C
	DIM_18	=IF(B24=1,"A",IF(B24=2,"B",IF(B24=3,"C",IF(B24=4,"D",IF(B24=5,"E",IF(B24=6,"F",IF(B24=7,"G",IF(B24=8,"H","ERROR")))))))	Z1-V
	DIM_19	=IF(B25=1,"A",IF(B25=2,"B",IF(B25=3,"C",IF(B25=4,"D",IF(B25=5,"E",IF(B25=6,"F",IF(B25=7,"G",IF(B25=8,"H","ERROR"))))))	LPPP-V
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13			OWST	BEG INV
1 6	Error		Н3	=VOWST*Stream_222
	=(F(OR(B7>C7,B7<1),"ERROR","")		SR90	=VOWST*Stream_222
8	=IF(OR(B8>C8,B8<1),"ERROR","")		RU106	=VOWST*Stream_222
10	=IF(OR(B9>C9,B9<1),"ERROR","")		CS134 CS137	=VOWST*Stream_222 =VOWST*Stream_222
Hi	= F(OR(810>C10,B10<1),"ERROR","") = F(OR(B11>C11,B11<1),"ERROR","")		CE144	=VOWST*Stream 222
l iż	=IF(OR(B12>C12,B12<1),"ERROR","")		PM147	=VOWST*Stream_222
13	=IF(OR(B13>C13,B13<1),"ERROR","")		PU238	=VOWST*Stream_222
14	=iF(OR(B14>C14,B14<1),"ERROR","")		PU239	=VOWST*Stream_222
	=IF(OR(B15>C15,B15<1),"ERROR","")		PU240	=VOWST*Stream_222
76	=IF(OR(B15>C15,B15<1),"ERROR","") =IF(OR(B17>C17,B17<1),"ERROR","")		PU241 -	=VOWST*Stream_222 =VOWST*Stream_222
18	=IF(OR(B18>C18,B18<1),"ERROR","")		CM244	=VOWST*Stream_222
	=IF(OR(B19>C19,B19<1),"ERROR",")			
20	=IF(OR(B20>C20,B20<1),"ERROR","")			
ZT	=IF(OR(B21>C21,B21<1),"ERROR","")		, napros	DEC UNA
ZZ Z Z Z Z Z Z Z Z Z	=IF(OR(822>C22,B22<1),"ERROR","") =IF(OR(823>C23,B23<1),"ERROR","")		LPPPST	BEG INV =VLIPST*Stream_1
24	=IF(OR(B23>C23,B23<1),"ERROR","") =IF(OR(B24>C24,B24<1),"ERROR","")		H3 SR90	=VLPST*Stream_1
25	=IF(OR(B25>C25,B25<1),"ERROR","")		RU106	=VLIPST*Stream_1
26			CS134	=VLPST*Stream_1
ZT			CS137	=VLPST*Stream_1
28 29			CE144	=VLPST*Stream_1
30			PM147 PU238	=VLPST*Stream_1 =VLPST*Stream_1
31			PU239	=VLPST*Stream_1
32			PU240	=VLPST'Stream_1
33			PU241	=VLPST*Stream_1
34			AM241	=VLPST*Stream_1
35 36			CM244	=VLPST*Stream_1
37				
38				
39			LPPPPT	BEG INV
40			Н3	=VLFPT*Stream_201
41 42			SR90 RU106	=VLFPT*Stream_201
43		-	CS134	=VLPPT*Stream_201 =VLPPT*Stream_201
44			CS137	=VLPPT*Stream_201
45			CE144	=VLFPT*Stream_201
46			PM147	=VLPPT'Stream_201
47			PU238 PU239	=VLFPT*Stream_201 =VLFPT*Stream_201
49			PU240	=VLFPT'Stream_201
50			PU241	=VLFPT*Stream_201
51			AM241	=VLPPT*Stream_201
5 Z			CM244	=VLFPT*Stream_201
53				
35				
56			LPPPRT	BEG INV
57			Н3	=VLPRT*Stream_91
28			SR90	=VLPRT*Stream_91
29			RU106	=VLPRT*Stream_91
60			CS134 CS137	=VLPRT*Stream_91
62			CE144	=VLPRT*Stream_91 =VLPRT*Stream_91
63			PM147	=VLPRT'Stream_91
64			PU238	=VLPRT*Stream_91
65			PU239	=VLPRT*Stream_91
66			PU240	=VLPRT*Stream_91
67			PU241 AM241	=VLPRT*Stream_91
69			CM244	=VLPRT*Stream_91 =VLPRT*Stream_91
70				
7				
TZ				
73			PR	BEG INV
74			H3 SR90	=VPR*Stream_3 =VPR*Stream_3
176			RU106	=VPR'Stream_3
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	EXPLOSION	
	SPLASHING	INV AF SPLSH -G6:G18-H6:H18
	=IF(DIM_1=1,G6:G18*RFSPLSH,0) =IF(DIM_1=1,G6:G18*RFSPLSH,0)	=G6:G18-H6:H18
	=IF(DIM_1=1,G6:G18*RFSPLSH,0)	=G6:G18-H6:H18
	=IF(DIM_1=1,G6:G18*RFSPLSH,0)	-G6:G18-H6:H18
	=IF(DIM_1=1,G6:G18*RFSPLSH,0)	=G6;G18-H6:H18
	=IF(DIM_1=1,G6:G18*RFSPLSH,0)	=G6:G18-H6:H18
	=iF(DIM_1=1,G6:G18*RFSPLSH,0)	=G6:G18-H6:H18 =G6:G18-H6:H18
	=IF(DIM_1=1,G6:G18*RFSPLSH,0) =IF(DIM_1=1,G6:G18*RFSPLSH,0)	=G6:G18-H6:H18
	=IF(DIM_1=1,G6:G18*RFSPLSH,0)	=G6:G18-H6:H18
	=IF(DIM_1=1,G6:G18*RFSPLSH,0)	=G6:G19-H6:H18
17	=IF(DIM_1=1,G6:G18*RFSPLSH,0)	=G6:G18-H6:H18
	=IF(DIM_1=1,G6:G18*RFSPLSH,0)	=G6:G18-H6:H18
19		
ZU	EXPLOSION	
ZZ		INV AF DAR
Z3	=IF(DIM_2=1,(INDEX(RLEXLPST,1)*Stream_1)*RHO),IF(DIM_2=2,((INDEX(RLEXLPST,2)*Stream_1)*RHO),0))	=G23:G35-H23:H35
	=IF(DIM_2=1,((INDEX(RLEXLPST,1)*Stream_1)/RHO),IF(DIM_2=2,((INDEX(RLEXLPST,2)*Stream_1)/RHO),0))	=G23:G35-H23:H35
	=IF(DIM_2=1,((INDEX(RLEXLPST,1)*Stream_1)/RHO),IF(DIM_2=2,((INDEX(RLEXLPST,2)*Stream_1)/RHO),0))	=G23:G35-H23:H35
	=IF(DIM_2=1,((INDEX(RLEXLPST,1)*Stream_1)/RHO),IF(DIM_2=2,((INDEX(RLEXLPST,2)*Stream_1)/RHO),0))	=G23:G35-H23:H35
	=iF(DIM_2=1,((INDEX(RLEXLPST,1)*Stream_1)/RHO),IF(DIM_2=2,((INDEX(RLEXLPST,2)*Stream_1)/RHO),0)) =iF(DIM_2=1,((INDEX(RLEXLPST,1)*Stream_1)/RHO),IF(DIM_2=2,((INDEX(RLEXLPST,2)*Stream_1)/RHO),0))	=G23:G35-H23:H35 =G23:G35-H23:H35
	=IFIDIM_2=1,((INDEX/RLEXLPST,1)*Stream_1)/RHO),IFIDIM_2=2,((INDEX/RLEXLPST,2)*Stream_1)/RHO),0))	=G23:G35-H23:H35
	=IF(DIM_2=1,[(INDEX(RLEXLPST,1)*Stream_1)/RHO),IF(DIM_2=2,[(INDEX(RLEXLPST,2)*Stream_1)/RHO),0))	=G23:G35-H23:H35
31	=IF(DIM_2=1,((INDEX(RLEXLPST,1)*Stream_1)RHO),IF(DIM_2=2,((INDEX(RLEXLPST,2)*Stream_1)RHO),0))	≈G23:G35-H23:H35
	=IF(DIM_2=1,((INDEX(RLEXLPST,1)*Stream_1)RHO),IF(DIM_2=2,((INDEX(RLEXLPST,2)*Stream_1)RHO),0))	=G23:G35-H23:H35
	=IF(DIM_2=1,((INDEX(RLEXLPST,1)*Stream_1)/RHO),IF(DIM_2=2,((INDEX(RLEXLPST,2)*Stream_1)/RHO),0))	=G23:G35-H23:H35
	=IF(DIM_2=1.((INDEX(RLEXLPST,1)"Stream_1)RHO),IF(DIM_2=2.((INDEX(RLEXLPST,2)"Stream_1)/RHO),0)) =IF(DIM_2=1.((INDEX(RLEXLPST,1)"Stream_1)/RHO),IF(DIM_2=2.((INDEX(RLEXLPST,2)"Stream_1)/RHO),0))	=G23:G35-H23:H35 =G23:G35-H23:H35
36	" (familia - "Munacide para a 191) and "Burna Nu laura - "Munacide part a state a table and "Burna Na)	320.000 1.20.1100
37		
	EXPLOSION	
39		INV AF DAR
	=IF(DIM_3=1.((INDEX(RLEXLPPT,1)*Stream_201)*RHO),IF(DIM_3=2.((INDEX(RLEXLPPT,2)*Stream_201)*RHO),0)) =IF(DIM_3=1,((INDEX(RLEXLPPT,1)*Stream_201)*RHO),IF(DIM_3=2,((INDEX(RLEXLPPT,2)*Stream_201)*RHO),0))	=G40:G52-H40:H52 =G40:G52-H40:H52
	=iF(DIM_3=1,((INDEX(RLEXLPP1,1)*Stream_201)RHO),iF(DIM_3=2,((INDEX(RLEXLPP1,2)*Stream_201)RHO),0))	=G40:G52-H40:H52
43	=iF(DIM_3=1,((INDEX(RLEXLPPT,1)*Stream_201)/RHO),IF(DIM_3=2,((INDEX(RLEXLPPT,2)*Stream_201)/RHO),0))	=G40:G52-H40:H52
	=iF(DIM_3=1,(INDEX(RLEXLPPT,1)*Stream_201)/RHO),IF(DIM_3=2,(INDEX(RLEXLPPT,2)*Stream_201)/RHO),0))	=G40:G52-H40:H52
	=IF(DIM_3=1,((INDEX(RLEXLPPT,1)*Stream_201)/RHO),IF(DIM_3=2,((INDEX(RLEXLPPT,2)*Stream_201)/RHO),0))	=G40:G52-H40:H52
	=IF(DIM_3=1.((INDEX(RLEXLPPT,1)*Stream_201)*RHO),IF(DIM_3=2.((INDEX(RLEXLPPT,2)*Stream_201)*RHO),0)) =IF(DIM_3=1.((INDEX(RLEXLPPT,1)*Stream_201)*RHO),IF(DIM_3=2.((INDEX(RLEXLPPT,2)*Stream_201)*RHO),0))	=G40:G52-H40:H52 =G40:G52-H40:H52
	=IF(DIM_3=1,((INDEX(RLEXLPP1,1)*Stream_201)RRIO),IF(DIM_3=2,((INDEX(RLEXLPP1,2)*Stream_201)RRIO),0))	=G40:G52-H40:H52
	=IF(DIM_3=1,((INDEX(RLEXLPPT,1)*Stream_201)RHO),IF(DIM_3=2,((INDEX(RLEXLPPT,2)*Stream_201)RHO),0))	=G40:G52-H40:H52
	=IF(DIM_3=1.((INDEX(RLEXLPPT,1)*Stream_201)/RHO),IF(DIM_3=2.((INDEX(RLEXLPPT,2)*Stream_201)/RHO),0))	=G40:G52-H40:H52
31	=1F(DIM_3=1,((INDEX(RLEXLPPT,1)*Stream_201)/RHO),1F(DIM_3=2,((INDEX(RLEXLPPT,2)*Stream_201)/RHO),0))	=G40:G52-H40:H52
	=IF(DIM_3=1,((INDEX(RLEXLPPT,1)*Stream_201)/RHO),IF(DIM_3=2,((INDEX(RLEXLPPT,2)*Stream_201)/RHO),0))	=G40:G52-H40:H52
53 54		
	EXPLOSION	
56		INV AF DAR
57		=G57:G69-H57:H69
58		=G57:G69-H57:H69
29		=G57:G69-H57:H69
60		=G57:G69-H57:H69
62		=G57:G69-H57:H69 =G57:G69-H57:H69
63		=Q57:G69-H57:H69
64	~0	=G57:G69-H57:H69
65		=G57:G69-H57:H69
66		=G57:G69-H57:H69
68		=G57:G69-H57:H69 =G57:G69-H57:H69
69		=G57:G69-H57:H69
70		
7		
	EXPLOSION	
73		INV AF DAR
14	=IF(DIM_5=1,((INDEX(RLEXPR,1)*Stream_3)/RHO),IF(DIM_5=2,((INDEX(RLEXPR,2)*Stream_3)/RHO),0)) =IF(DIM_5=1,((INDEX(RLEXPR,1)*Stream_3)/RHO),IF(DIM_5=2,((INDEX(RLEXPR,2)*Stream_3)/RHO),0))	=G74:G86-H74:H86 =G74:G86-H74:H86
76	=iF(DIM_5=1,((INDEX(RLEXPR,1)*Stream_3)/RHO),iF(DIM_5=2,((INDEX(RLEXPR,2)*Stream_3)/RHO),0))	=G74:G86-H74:H86
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3	FIRE	TORNADO
ᡰᡩ	=:F(DIM_1=1,36::18*1,0)	=IF(DIM_1=2,G6:G18*RFTOR,0)
 	=IF(DIM_1=1,I6:118*1,0)	=IF(DIM_1=2,G6:G18*RFTOR,0)
8	=IF(DIM_1=1,16:118*1,0)	=IF(DIM_1=2,G6:G18*RFTOR,0)
3	=IF(DIM_1=1,16:118*1,0)	=IF(DIM_1=2,G6:G1#*RFTOR,0)
	=IF(DIM_1=1,16:118*1,0)	=IF(DIM_1=2,G6:G18*RFTOR,0) =IF(DIM_1=2,G6:G18*RFTOR,0)
	=1F(DIM_1=1,16:118*1,0) =1F(DIM_1=1,16:118*1,0)	=IF(DIM_1=2,G6:G18*RFTOR,0)
	=F(DIM_1=1,I6:118*1,0)	=IF(DIM_1=2,G6:G18*RFTOR,0)
	=1F(DIM_1=1,16:118*1,0)	=IF(DIM_1=2,G6:G18*RFTOR,0)
15		=IF(DIM_1=2,G6:G18*RFTOR,0)
16		=#F(DIM_1=2,G6:G18*RFTOR,0)
17	-F(DIM_1=1,16:118*1,0)	=IF(DIM_1=2,G6:G18*RFTOR,0) =IF(DIM_1=2,G6:G18*RFTOR,0)
19	=iF(DIM_1=1,I6:118*1,0)	-tr(Dim_1-2,G8.G18 KF10K,0)
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ZT		
	SPLASHING	INV AF SPLSH
	=IF(OR(DIM_2=1,DIM_2=2),I23:I35*RFSPLSH,0)	=123:135~123:J35
Z4	=#(OR(DIM_2=1,DIM_2=2),I23:I35*RFSPLSH,0)	=123:135_123:J35 =123:135_123:J35
23 26	=if(OR(DIM_2=1,DIM_2=2),I23:I35*RFSPLSH,0) =if(OR(DIM_2=1,DIM_2=2),I23:I35*RFSPLSH,0)	=123:135~123:J35
27	=1F(OR(DIM_2=1,DIM_2=2),123:135*RFSPLSH,0)	=123:135~123:J35
28		= 23: 35~ 23:J35
	=IF(OR(DIM_2=1,DIM_2=2),123:135*RFSPLSH,0)	=123:135~J23:J35
	=IF(OR(DIM_2=1,DIM_2=2),123:135*RFSPLSH,0)	=t23:l35~/23:J35
37	=IF(OR(DIM_2=1,DIM_2=2),I23:I35°RFSPLSH,0) =IF(OR(DIM_2=1,DIM_2=2),I23:I35°RFSPLSH,0)	=t23:l35~l23:J35 =t23:l35~l23:J35
	=#r(OR(DIM_2=1,DIM_2=2),123:135*RFSPLSH,0) =#F(OR(DIM_2=1,DIM_2=2),123:135*RFSPLSH,0)	=123:135~ 23:J35
	=IF(OR(DIM_2=1,DIM_2=2),I23:i35*RFSPLSH,0)	=123:135-J23:J35
35	-IF(OR(DIM_2-1,DIM_2-2),I23:I35*RFSPLSH,0)	≈123:135√23:J35
36		
37		
38	SPLASHING	INV AF SIPLSH
	=IF(OR(DIM_3=1,DIM_3=2),440:I\$2*RFSPLSH,0)	=140:152~140:J52
	-IF(OR(DIM_3-1,DIM_3-2),I40:I52*RFSPLSH,0)	=140:152~140:J52
	=IF(OR(DIM_3=1,DIM_3=2),H0:I52*RFSPLSH,0)	=140:152-J40:J52
	=IF(OR(DIM_3=1,DIM_3=2),H0:I52*RFSPLSH,0)	=140:152-J40:J52
	=IF(OR(DIM_3=1,IX)M_3=2),I40:I52*RFSPLSH,0) =IF(OR(DIM_3=1,IX)M_3=2),I40:I52*RFSPLSH,0)	=140:152-J40:J52 =140:152-J40:J52
	=IF(OR(DIM_3=1,DIM_3=2),140:152*RFSPLSH,0)	=140:152-J40:J52
47	=IF(OR(DIM_3=1,DIM_3=2),H0:I52*RFSPLSH,0)	=140:152-J40:J52
48	=IF(OR(DIM_3=1,DIM_3=2),I40:I52*RFSPLSH,0)	=140:152~140:J52
49	=iF(OR(DIM_3=1,DIM_3=2),I40:I52*RFSPLSH,0)	=140:152-J40:J52
20	=IF(OR(DIM_3=1,DIM_3=2),M0:I52*RFSPLSH,0)	=440:I52-J40:J52
51 52	=IF(OR(DIM_3=1,DIM_3=2),I40:I52*RFSPLSH,0) =IF(OR(DIM_3=1,DIM_3=2),I40:I52*RFSPLSH,0)	=140:152-J40:J52 =140:152-J40:J52
55	(an/aufa_r'nufa_t}\mari9t (//.90,F9U/A)	
54		
_55		
	SPLASHING	INV AF SPLSH
57 58		=157:169-J57:J69 =157:169-J57:J69
59		=157:169~J57:J69
60		=157:169-357:369
61		=157:169-J57:J69
δZ		=157:169-J57:J69
63		=157:169~J57:J69
64		=157:169-157:169
66	<u> </u>	=157:169-J57:J69 =157:169-J57:J69
67		=157:169-J57:J69
68	· · · · · · · · · · · · · · · · · · ·	=157:169-J57:J69
69	=0	=157:169~1:57:169
70		
77		
7 <u>Z</u>	SPLASHING	INV AF SPLSH
	SPLASHING = IF(OR(DIM_5=1,DIM_5=2),174:186*RFSPLSH,0)	=174:186-J74:J86
	=IF(OR(DIM_6=1,DIM_5=2),174:186*RFSPLSH,0)	=174:186-J74:J86
	=IF(OR(DIM_5=1,DIM_5=2),174:186*RFSPLSH,0)	=174:186-J74:J86

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3	
	OWST RELEASE
	RELEASE =(H6:H18+J6:J18+K6:K18)
7	=(H6:H18+J6:J18+K6:K18)
	=(H6:H18+J6;J18+K6:K18)
	=(H6:H18+J6;J18+K6:K18)
	=(H6:H18+J6:J18+K6:K18) =(H6:H18+J6:J18+K6:K18)
	-H6:H18+J6:J18+K6:K18)
	■(HE:H18+JE;J18+KE:K18)
	=(H6:H18+J6:J18+K6:K18) =(H6:H18+J6:J18+K6:K18)
	#(H6:H18-J6:_18+K6:K18) -
	~(H6:H18+J6:J18+K6:K18)
19	=(H6:H18+J6;J18+K6:K18)
20	
ZŤ	
ZZ	EVAPORATION EVAPO
123	=IF(OR(DIM_2=1,DIM_2=2),IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURLNG*K23:K35,INDEX(RFLEAK,2)*DURLNG*K23:K35),0) =IF(OR(DIM_2=1,DIM_2=2),IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURLNG*K23:K35,INDEX(RFLEAK,2)*DURLNG*K23:K35),0)
25	=IF(OR(DIM_2=1,DIM_2=2),IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURLNG*K23:K35,INDEX(RFLEAK,2)*DURLNG*K23:K35),0)
26	=IF(OR(DIM_2=1,DIM_2=2),IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURLNG*K23:K35,INDEX(RFLEAK,2)*DURLNG*K23:K35),0)
41	=IF(DR(DIM_2=1,DIM_2=2),IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURLNG*K23:K35,INDEX(RFLEAK,2)*DURLNG*K23:K35),0) =IF(DR(DIM_2=1,DIM_2=2),IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURLNG*K23:K35,INDEX(RFLEAK,2)*DURLNG*K23:K35),0)
	=IF(OR(DIM_2=1,DIM_2=2),IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURLNG*K23:K35,INDEX(RFLEAK,2)*DURLNG*K23:K35),0) =IF(OR(DIM_2=1,DIM_2=2),IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURLNG*K23:K35,INDEX(RFLEAK,2)*DURLNG*K23:K35),0)
30	=iF(OR(DIM_2=1,DIM_2=2),IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURLNG*K23:K35,INDEX(RFLEAK,2)*DURLNG*K23:K35),0)
	=IF(OR(DIM_2=1,DIM_2=2),IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURLING*K23:K35,INDEX(RFLEAK,2)*DURLING*K23:K35),0)
	=IF(OR(DIM_2=1,DIM_2=2),IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURLNG*K23:K35,INDEX(RFLEAK,2)*DURLNG*K23:K35),0) =IF(OR(DIM_2=1,DIM_2=2),IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURLNG*K23:K35,INDEX(RFLEAK,2)*DURLNG*K23:K35),0)
	==F(OR(DIM_2=1,DIM_2=2),IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURLNG*K23:K35,INDEX(RFLEAK,2)*DURLNG*K23:K35),0)
	=IF(OR(DIM_2=1,DIM_2=2),IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURLNG*K23:K35,INDEX(RFLEAK,2)*DURLNG*K23:K35),0)
36	
37	
	EVAPORATION
	=IF(OR(DIM_3=1,DIM_3=2),IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURLNG*K40:K52,INDEX(RFLEAK,2)*DURLNG*K40:K52),0)
	=IF(OR(DIM_3=1,DIM_3=2),IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURLNG*K40:K52,INDEX(RFLEAK,2)*DURLNG*K40:K52),0) =IF(OR(DIM_3=1,DIM_3=2),IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURLNG*K40:K52,INDEX(RFLEAK,2)*DURLNG*K40:K52),0)
	=IF(OR(DIM_3=1,DIM_3=2),IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURLNG*K40;K52,INDEX(RFLEAK,2)*DURLNG*K40;K52),0)
	-IF(OR(DIM_3-1,DIM_3-2),IF(OR(DIM_19-3,DIM_19-4),INDEX(RFLEAK,1)*DURLNG*K40:K52,INDEX(RFLEAK,2)*DURLNG*K40:K52),0)
	=IF(OR(DIM_3=1,DIM_3=2),IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURLNG*K40:K52,INDEX(RFLEAK,2)*DURLNG*K40:K52),0)
	=IF(OR(DIM_3=1,DIM_3=2),IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURLNG*K40:K52,INDEX(RFLEAK,2)*DURLNG*K40:K52),0) =IF(OR(DIM_3=1,DIM_3=2),IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURLNG*K40:K52,INDEX(RFLEAK,2)*DURLNG*K40:K52),0)
	=IF(OR(DIM 3=1,DIM 3=2).IF(OR(DIM 19=3,DIM 19=4),INDEX(RFLEAK,1)*DURLING*K40:K52,INDEX(RFLEAK,2)*DURLING*K40:K52,IO)
	=iF(OR(DIM_3=1,DIM_3=2),IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURLNG*K40:K82,INDEX(RFLEAK,2)*DURLNG*K40:K82),0)
	=IF(OR(DIM_3=1,DIM_3=2),IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURLNG*K40;K52,INDEX(RFLEAK,2)*DURLNG*K40;K52),0)
	=IF(OR(DIM_3=1,DIM_3=2),IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURLNG*K40:K52,INDEX(RFLEAK,2)*DURLNG*K40:K52),0) =IF(OR(DIM_3=1,DIM_3=2),IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURLNG*K40:K52,INDEX(RFLEAK,2)*DURLNG*K40:K52),0)
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25 26	EVAPORATION
57	
58	=0
59	
61	
62	=0
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64 65	
66	
67	=0
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72	
	EVAPORATION
	=IF(OR(DIM_5=1,DIM_5=2),IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*K74:K86,INDEX(RFLEAK,2)*DURLNG*K74:K86),0) =IF(OR(DIM_5=1,DIM_5=2),IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*K74:K86,INDEX(RFLEAK,2)*DURLNG*K74:K86),0)
	=1F(OR(DIM_5=1,DIM_5=2),IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*K74:K86,INDEX(RFLEAK,2)*DURLNG*K74:K86),0)

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20		
ZT	I POLACHINO	SPLASHING INV AF SPLSH
22	SPLASHING =IF(DIM_2=3,G23:G35*RFSPLSH,0)	=G23:G35-M23:M35
24		=G23:G35-M23:M35
25	=IF(DIM_2=3,G23:G35*RFSPLSH,0)	=G23:G35-M23:M35
26	=IF(DIM_2=3,G23:G35*RFSPLSH,0)	=G23:G35-M23:M35
27		=G23:G35-M23:M35 =G23:G35-M23:M35
28	= F(DIM_2=3,G23:G35*RFSPLSH,0) = F(DIM_2=3,G23:G35*RFSPLSH,0)	
30		=G23:G35-M23:M35
31	=IF(DIM_2=3,G23:G35*RFSPLSH,0)	=G23:G35-M23:M35
3Z	=IF(DIM_2=3,G23:G35*RFSPLSH,0)	-G23:G35-M23:M35
33	=IF(DIM_2=3,G23:G35*RFSPLSH,0) =IF(DIM_2=3,G23:G35*RFSPLSH,0)	=G23:G35-M23:M35 =G23:G35-M23:M35
35	=IF(DIM_2=3,G23:G35*RFSPLSH,0)	=G23:G35-M23:M35
36		
37		
38	SPLASHING	SPLASHING
	=IF(DIM_3=3,G40:G52*RFSPLSH,0)	INV AF SPLSH =G40:G52-M40:M52
41	=IF(DIM_3=3,G40:G52*RFSPLSH,0)	=G40:G52-M40:M52
	=IF(DIM_3=3,G40:G52*RFSPLSH,0)	=G40:G52-M40:M52
43	=IF(DIM_3=3,G40:G52*RFSPLSH,0) =IF(DIM_3=3,G40:G52*RFSPLSH,0)	-G40:G52-M40:M52
	==F(DIM_3=3,G40:G52*RFSPLSH,0)	=G40:G52-M40:M52 =G40:G52-M40:M52
	=!F(DIM_3=3,G40:G52*RFSPLSH,0)	=G40:G52-M40:M52
4/	=IF(DIM_3=3,G40:G52*RFSPLSH,0)	=G40:G52-M40:M52
48		=G40:G52-M40:M52
	=IF(DIM_3=3,G40:G52*RFSPLSH,0)	-G40:G52-M40:M52
51	=1F(DIM_3=3,G40:G52*RFSPLSH,0) =1F(DIM_3=3,G40:G52*RFSPLSH,0)	=G40:G52-M40:M52 =G40:G52-M40:M52
	=IF(DIM_3=3,G40:G52*RFSPLSH,0)	=G40:G52-M40:M52
53		
54 55		PDI ACUING
	SPLASHING	SPLASHING INV AF SPLSH
	=IF(DIM_4=1,G57:G69*RFSPLSH,0)	=G57:G69-M57:M69
58	=IF(DIM_4=1,G57:G69'RFSPLSH,0)	=G57:G69-M57:M69
	=IF(DIM_4=1,G57:G69*RFSPLSH,0)	=G57:G69-M57:M69
	=IF(DIM_4=1,G57:G69°RFSPLSH,0) =IF(DIM_4=1,G57:G69°RFSPLSH,0)	=G57:G69-M57:M69 =G57:G69-M57:M69
	=IF(DIM_4=1,G57:G69*RFSPLSH,0)	=G57:G69-M57:M69
63	=IF(DIM_4=1,G57:G69*RFSPLSH,0)	=G57:G69-M57:M69
	=IF(DIM_4=1,G57:G69*RFSPLSH,0)	=G57:G69-M57:M69
	=IF(DIM_4=1,G57:G69*RFSPLSH,0) =IF(DIM_4=1,G57:G69*RFSPLSH,0)	=G57:G69-M57:M69
67	==F(DIM_4=1,G57:G69*RFSPLSH,0) ==F(DIM_4=1,G57:G69*RFSPLSH,0)	=G57:G69-M57:M69
	=IF(DIM_4=1,G57:G69*RFSPLSH,0)	=G57:G69-M57:M69
69	=IF(DIM_4=1,G57:G69*RFSPLSH,0)	=G57:G69-M57:M69
70		
172		SPLASHING
	SPLASHING	INV AF SPLSH
74	=IF(DIM_5=3,G74:G86*RFSPLSH,0)	=G74:G86-M74:M86
	=IF(DIM_5=3,G74:G86*RFSPLSH,0)	=G74:G86-M74:M86
10	=IF(DIM_5=3,G74:G86*RFSPLSH,0)	=G74:G86-M74:M86

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ZZ	EVAPORATION
23	=IF(DIM_2=3,IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURLNG*N23:N35,INDEX(RFLEAK,2)*DURLNG*N23:N35),0) =IF(DIM_2=3,IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURLNG*N23:N35,INDEX(RFLEAK,2)*DURLNG*N23:N35),0)
	=IF(DIM_2=3,IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURLNG*N23:N35,INDEX(RFLEAK,2)*DURLNG*N23:N35),0)
Z 6	=IF(DIM_2=3,IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURLNG*N23:N35,INDEX(RFLEAK,2)*DURLNG*N23:N35),0)
	=IF[DIM_2=3,IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURLNG*N23:N35,INDEX(RFLEAK,2)*DURLNG*N23:N35),0)
	=IF(DIM_2=3,IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURLNG*N23:N35,INDEX(RFLEAK,2)*DURLNG*N23:N35),0) =IF(DIM_2=3,IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURLNG*N23:N35,INDEX(RFLEAK,2)*DURLNG*N23:N35),0)
	=IF(DIM_2=3,IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURLNG*N23:N35,INDEX(RFLEAK,2)*DURLNG*N23:N35),0)
	-IF(DIM_2-3,IF(OR(DIM_19-3,DIM_19-4),INDEX(RFLEAK,1)*DURLNG*N23:N35,INDEX(RFLEAK,2)*DURLNG*N23:N35),0)
	=1F(DIM_2=3,IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURLNG*N23:N35,INDEX(RFLEAK,2)*DURLNG*N23:N35),0) =1F(DIM_2=3,IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURLNG*N23:N35,INDEX(RFLEAK,2)*DURLNG*N23:N35),0)
	=!F(DIM_2=3,IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURLNG*N23:N35,INDEX(RFLEAK,2)*DURLNG*N23:N35),0)
35	=IF(DIM_2=3,IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURLNG*N23:N35,INDEX(RFLEAK,2)*DURLNG*N23:N35),0)
36	
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	=IF(DIM_3=3,IF(DR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURLNG*N40:N52,INDEX(RFLEAK,2)*DURLNG*N40:N52),0)
	=IF(DIM_3=3,IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURLNG*N40:N52,INDEX(RFLEAK,2)*DURLNG*N40:N52),0) =IF(DIM_3=3,IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURLNG*N40:N52,INDEX(RFLEAK,2)*DURLNG*N40:N52),0)
	=IF(DIM 3=3,IF(OR(DIM 19=3,DIM 19=4),INDEX(RFLEAK,1)*DURLING*MO:N52,INDEX(RFLEAK,2)*DURLING*MO:N52,0)
	=IF(DIM_3=3,IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURLNG*N40:N52,INDEX(RFLEAK,2)*DURLNG*N40:N52),0) =IF(DIM_3=3,IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURLNG*N40:N52,INDEX(RFLEAK,2)*DURLNG*N40:N52),0)
	=1F(DIM_3=3,IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURLNG*N40:N52,INDEX(RFLEAK,2)*DURLNG*N40:N52,IO)
48	=IF(DIM_3=3,IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURLNG*N40:N52,INDEX(RFLEAK,2)*DURLNG*N40:N52),0)
	=1F(DIM_3=3,IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURLNG*N40:N52,INDEX(RFLEAK,2)*DURLNG*N40:N52),0)
51	=1F(DIM_3=3,IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURLNG*N40:N52,INDEX(RFLEAK,2)*DURLNG*N40:N52),0) =1F(DIM_3=3,IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURLNG*N40:N52,INDEX(RFLEAK,2)*DURLNG*N40:N52),0)
	=IF(DIM 3=3,IF(ORIDIM 19=3,DIM 19=4),INDEX(RFLEAK,1)*DURLNG*N40:N52,INDEX(RFLEAK,2)*DURLNG*N40:N52,0)
53	
54	
	EVAPORATION
57	=IF(DIM_4=1,IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURLNG*N57:N69,INDEX(RFLEAK,2)*DURLNG*N57:N69),0)
	=IF(DIM_4=1,IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURLNG*N57:N69,INDEX(RFLEAK,2)*DURLNG*N57:N69),0)
	=IF(DIM_4=1,IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURLNG*N57:N69,INDEX(RFLEAK,2)*DURLNG*N57:N69),0) =IF(DIM_4=1,IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURLNG*N57:N69,INDEX(RFLEAK,2)*DURLNG*N57:N69),0)
61	=IF(DIM_4=1,IF(DR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURLNG*N57:N69,INDEX(RFLEAK,2)*DURLNG*N57:N69),0)
	"IF(DIM_4=1,IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)"DURLNG"N57:N69,INDEX(RFLEAK,2)"DURLNG"N57:N69),0)
	=IF(DIM_4=1,IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURLNG*N57:N69,INDEX(RFLEAK,2)*DURLNG*N57:N69),0) =IF(DIM_4=1,IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURLNG*N57:N69,INDEX(RFLEAK,2)*DURLNG*N57:N69),0)
	=IF(DIM_4=1,IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURLING*N57:N69,INDEX(RFLEAK,2)*DURLING*N57:N69),0)
99	=IF(DIM_4=1,IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURLNG*N57:N69,INDEX(RFLEAK,2)*DURLNG*N57:N69),0)
67	=IF(DIM_4=1,IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURLNG*N57:N69,INDEX(RFLEAK,2)*DURLNG*N57:N69),0) =IF(DIM_4=1,IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURLNG*N57:N69,INDEX(RFLEAK,2)*DURLNG*N57:N69),0)
69	=IF(DIM_4=1,IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURLNG*N57:N69,INDEX(RFLEAK,2)*DURLNG*N57:N69,I)
70	
72	EVAPORATION
	=IF(DIM_5=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*N74:N86,INDEX(RFLEAK,2)*DURLNG*N74:N86),0)
	=iF(DIM_5=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*N74:N86,INDEX(RFLEAK,2)*DURLNG*N74:N86),0)
10	=IF(DIM_5=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*N74:N86,INDEX(RFLEAK,2)*DURLNG*N74:N86),0)

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7	LEAK
	LEAK =IF(DIM_2=4,IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURSHT*VLEAKP*Stream_1,INDEX(RFLEAK,2)*DURSHT*VLEAKP*Stream_1),0)
Z4	=IF(DIM_2=4,IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURSHT*VLEAKP*Stream_1,INDEX(RFLEAK,2)*DURSHT*VLEAKP*Stream_1),0)
	=IF(DIM_2=4,IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURSHT*VLEAKP*Stream_1,INDEX(RFLEAK,2)*DURSHT*VLEAKP*Stream_1),0)
	=IF(DIM_2=4,IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURSHT*VLEAKP*Stream_1,INDEX(RFLEAK,2)*DURSHT*VLEAKP*Stream_1),0) =IF(DIM_2=4,IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURSHT*VLEAKP*Stream_1,INDEX(RFLEAK,2)*DURSHT*VLEAKP*Stream_1),0)
28	=IF(DIM_2=4,IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURSHT*VLEAKP*Stream_1,INDEX(RFLEAK,2)*DURSHT*VLEAKP*Stream_1,IO)
	=IF(DIM_2=4,IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURSHT*VLEAKP*Stream_1,INDEX(RFLEAK,2)*DURSHT*VLEAKP*Stream_1),0)
	=IF(DIM_2=4,IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURSHT*VLEAKP*Stream_1,INDEX(RFLEAK,2)*DURSHT*VLEAKP*Stream_1),0) =IF(DIM_2=4,IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURSHT*VLEAKP*Stream_1,INDEX(RFLEAK,2)*DURSHT*VLEAKP*Stream_1,0)
	=IF(DIM_2=4,IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURSHT*VLEAKP*Stream_1,INDEX(RFLEAK,2)*DURSHT*VLEAKP*Stream_1),0)
33	-IF(DIM_2-4.IF(OR(DIM_19-3,DIM_19-4).INDEX(RFLEAK,1)*DURSHT*VLEAKP*Stream_1.INDEX(RFLEAK,2)*DURSHT*VLEAKP*Stream_1).0)
	==F(DIM_2==4,IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURSHT*VLEAKP*Stream_1,INDEX(RFLEAK,2)*DURSHT*VLEAKP*Stream_1),0)
36	=IF(DIM_2=4,IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURSHT*VLEAKP*Stream_1,INDEX(RFLEAK,2)*DURSHT*VLEAKP*Stream_1),0)
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	LEAK =IF(DIM_3=4,IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURSHT*VLEAKP*Stream_201,INDEX(RFLEAK,2)*DURSHT*VLEAKP*Stream_201),0)
	=IF(DIM_3-4,IF(OR(DIM_19-3,DIM_19-4),INDEX(RFLEAK,1)*DURSHT*VLEAKP*Stream_201,INDEX(RFLEAK,2)*DURSHT*VLEAKP*Stream_201),0)
	=IF(DIM_3=4,IF(DR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURSHT*VLEAKP*Stream_201,INDEX(RFLEAK,2)*DURSHT*VLEAKP*Stream_201),0)
	=IF(DIM_3=4,IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURSHT*VLEAKP*Stream_201,INDEX(RFLEAK,2)*DURSHT*VLEAKP*Stream_201),0)
45	=IF(DIM_3=4,IF(DR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURSHT*VLEAKP*Stream_201,INDEX(RFLEAK,2)*DURSHT*VLEAKP*Stream_201),0} =IF(DIM_3=4,IF(DR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURSHT*VLEAKP*Stream_201,INDEX(RFLEAK,2)*DURSHT*VLEAKP*Stream_201),0}
46	=IF(DIM_3=4,IF(DR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURSHT*VLEAKP*Stream_201,INDEX(RFLEAK,2)*DURSHT*VLEAKP*Stream_201],0)
	=IF(DIM_3=4,IF(DR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURSHT*VLEAKP*Stream_201,INDEX(RFLEAK,2)*DURSHT*VLEAKP*Stream_201),0)
	=if(DIM_3=4,if(OR(DIM_19=3,DIM_19=4),index(RFLEAK,1)*DURSHT*VLEAKP*Stream_201,index(RFLEAK,2)*DURSHT*VLEAKP*Stream_201),0) =if(DIM_3=4,if(OR(DIM_19=3,DIM_19=4),index(RFLEAK,1)*DURSHT*VLEAKP*Stream_201,index(RFLEAK,2)*DURSHT*VLEAKP*Stream_201),0)
	=IF(DIM_3=4,IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURSHT*VLEAKP*Stream_201,INDEX(RFLEAK,2)*DURSHT*VLEAKP*Stream_201],0)
21	=IF(DIM_3=4,IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURSHT*VLEAKP*Stream_201,INDEX(RFLEAK,2)*DURSHT*VLEAKP*Stream_201),0)
52 53	=IF(DIM_3=4,IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURSHT*VLEAKP*Stream_201,INDEX(RFLEAK,2)*DURSHT*VLEAKP*Stream_201),0)
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55	
	LEAK =IF(DIM_4=2,IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURSHT*VLEAKP*Stream_91,INDEX(RFLEAK,2)*DURSHT*VLEAKP*Stream_91),0)
	=IF(DIM_4=2,IF(DR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURSHT*VLEAKP*Stream_91,INDEX(RFLEAK,2)*DURSHT*VLEAKP*Stream_91),0)
59	=IF(DIM_4=2,IF(DR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURSHT*VLEAKP*Stream_91,INDEX(RFLEAK,2)*DURSHT*VLEAKP*Stream_91),0)
	=IF(DIM_4=2,IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURSHT*VLEAKP*Stream_91,INDEX(RFLEAK,2)*DURSHT*VLEAKP*Stream_91),0)
	=IF(DIM_4=2,IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURSHT*VLEAKP*Stream_91,INDEX(RFLEAK,2)*DURSHT*VLEAKP*Stream_91),0) =IF(DIM_4=2,IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURSHT*VLEAKP*Stream_91,INDEX(RFLEAK,2)*DURSHT*VLEAKP*Stream_91),0)
	=IF(DIM_4=2,IF(DR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURSHT*VLEAKP*Stream_91,INDEX(RFLEAK,2)*DURSHT*VLEAKP*Stream_91),0}
	=IF(DIM_4=2,IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURSHT*VLEAKP*Stream_91,INDEX(RFLEAK,2)*DURSHT*VLEAKP*Stream_91),0)
	=IF(DIM_4=2,IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURSHT*VLEAKP*Stream_91,INDEX(RFLEAK,2)*DURSHT*VLEAKP*Stream_91),0)
	=IF(DIM_4=2,IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURSHT*VLEAKP*Stream_91,INDEX(RFLEAK,2)*DURSHT*VLEAKP*Stream_91),0) =IF(DIM_4=2,IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURSHT*VLEAKP*Stream_91),0)
80	=IF(DIM_4=2,IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURSHT*VLEAKP*Stream_91,INDEX(RFLEAK,2)*DURSHT*VLEAKP*Stream_91),0)
	=IF(DIM_4=2,IF(OR(DIM_19=3,DIM_19=4),INDEX(RFLEAK,1)*DURSHT*VLE/KP*Stream_91,INDEX(RFLEAK,2)*DURSHT*VLEAKP*Stream_91),0)
77	
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73	LEAK
	=IF(DIM_5-4,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VLEAKS*Stream_3,INDEX(RFLEAK,2)*DURSHT*VLEAKS*Stream_3),0)
	=IF(DIM_5=4,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VLE/IKS*Stream_3,INDEX(RFLEAK,2)*DURSHT*VLEAKS*Stream_3),0) =IF(DIM_5=4,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VLE/IKS*Stream_3,INDEX(RFLEAK,2)*DURSHT*VLEAKS*Stream_3),0)
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74	=if(DIM_5=5,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFVENT,1)*DURLNG*G74:G86,INDEX(RFVENT,2)*DURLNG*G74:G861.0)
75	=IF(DIM_5=5,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFVENT,1)*DURLNG*G74:G86,INDEX(RFVENT,2)*DURLNG*G74:G86),0) =IF(DIM_5=5,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFVENT,1)*DURLNG*G74:G86,INDEX(RFVENT,2)*DURLNG*G74:G86),0) =IF(DIM_5=5,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFVENT,1)*DURLNG*G74:G86,INDEX(RFVENT,2)*DURLNG*G74:G86),0)

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69	a)
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73	UNCDRCN
75	=#F(DIM_6=4,F(DR(DIM_18=3,DIM_18=5),MDEX(RFLEAK,1)*DURSHT*VUCRSPL*Stroam_3,MDEX(RFLEAK,2)*DURSHT*VUCRSPL*Stroam_3)+VUCRS*Stroam_3,0) =#F(DIM_6=4,F(DR(DIM_18=3,DIM_18=5),MDEX(RFLEAK,1)*DURSHT*VUCRSPL*Stroam_3,MDEX(RFLEAK,2)*DURSHT*VUCRSPL*Stroam_3,+VUCRS*Stroam_3,0)
16	HF(DIM_5-6,IF(OR(DIM_18-3,DIM_18-5),INDEX(RFLEAK,1)*DURSHT*VUCRSPL*Stream_3,INDEX(RFLEAK,2)*DURSHT*VUCRSPL*Stream_3,0)

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21	OVERFLOW
23	=IF(DIM_2=5,IF(OR(DIM_19=3,DIM_19=4),VOVFL*Stream_1*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_1*INDEX(RFLEAK,2)*DURSHT),0)
24	=[F[DIM_2=5,IF[OR[DIM_19=3,DIM_19=4],VOVFL*Stream_1*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_1*INDEX(RFLEAK,2)*DURSHT),0]
	=IF(DIM_2=5,IF(OR(DIM_19=3,DIM_19=4),VOVFL*Stream_1*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_1*INDEX(RFLEAK,2)*DURSHT),0}
	=IF(DIM_2=5,IF(OR(DIM_19=3,DIM_19=4),VOVFL*Stream_1*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_1*INDEX(RFLEAK,2)*DURSHT),0)
	=IF(DIM_2=5,IF(OR(DIM_19=3,DIM_19=4),VOVFL*Stream_1*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_1*INDEX(RFLEAK,2)*DURSHT),0) =IF(DIM_2=5,IF(OR(DIM_19=3,DIM_19=4),VOVFL*Stream_1*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_1*INDEX(RFLEAK,2)*DURSHT),0)
	=IF(DIM_2=5,IF(OR(DIM_19=3,DIM_19=4),VOVFL*Stream_1*INDEX(RFLEAK_1)*DURSHT,VOVFL*Stream_1*INDEX(RFLEAK_2)*DURSHT),0)
	=IF(DIM_2=5,IF(OR(DIM_19=3,DIM_19=4),VOVFL*Stream_1*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_1*INDEX(RFLEAK,2)*DURSHT),0)
	=iF(DIM_2=5,IF(OR(DIM_19=3,DIM_19=4),VOVFL*Stream_1*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_1*INDEX(RFLEAK,2)*DURSHT),0)
	=IF(DIM_2=5,IF(OR(DIM_19=3,DIM_19=4),VOVFL*Stream_1*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_1*INDEX(RFLEAK,2)*DURSHT),0)
	=IF(DIM_2=5,IF(OR(DIM_19=3,DIM_19=4),VOVFL*Stream_1*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_1*INDEX(RFLEAK,2)*DURSHT],0) =IF(DIM_2=5,IF(OR(DIM_19=3,DIM_19=4),VOVFL*Stream_1*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_1*INDEX(RFLEAK,2)*DURSHT],0)
	=IF(DIM_2=5,IF(OR(DIM_19=3,DIM_19=4),VOVFL*Stream_1*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_1*INDEX(RFLEAK,2)*DURSHT),0)
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	OVERFLOW OFFICIAL AND ECONOMIA ADDA DIM ASSAULT SCHOOL SOMEON SOMEON STATE AND AND INCLUDING SAME SAME AND INCLUDING SAME SAME SAME SAME SAME SAME SAME SAME
	=if(DIM_3=5,If(OR(DIM_19=3,DIM_19=4),VOVFL*Stream_201*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_201*INDEX(RFLEAK,2)*DURSHT),0) =if(DIM_3=5,if(OR(DIM_19=3,DIM_19=4),VOVFL*Stream_201*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_201*INDEX(RFLEAK,2)*DURSHT),0)
	=IF(DIM_3-5,IF(OR(DIM_19-3,DIM_19-4),VOVFL*Stream_201*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_201*INDEX(RFLEAK,2)*DURSHT),0)
	=IF(DIM_3=5,IF(OR(DIM_19=3,DIM_19=4),VOVFL*Stream_201*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_201*INDEX(RFLEAK,2)*DURSHT),0)
	=IF(DIM_3=5,IF(OR(DIM_19=3,DIM_19=4),VOVFL*Stream_201*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_201*INDEX(RFLEAK,2)*DURSHT),0)
	=IF(DIM_3=5,IF(OR(DIM_19=3,DIM_19=4),VOVFL*Stream_201*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_201*INDEX(RFLEAK,2)*DURSHT),0)
	=IF(DIM_3=5,IF(OR(DIM_19=3,DIM_19=4),VOVFL*Stream_201*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_201*INDEX(RFLEAK,2)*DURSHT],0) =IF(DIM_3=5,IF(OR(DIM_19=3,DIM_19=4),VOVFL*Stream_201*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_201*INDEX(RFLEAK,2)*DURSHT],0)
	=IF(DIM 3=5,IF(OR(DIM 19=3,DIM 19=4),VOYFL*Stream 201*INDEX(RFLEAX,1)*DURSHT,VOYFL*Stream 201*INDEX(RFLEAX,2)*DURSHT),0)
	=IF(DIM_3=5,IF(OR(DIM_19=3,DIM_19=4),VOVFL*Stream_201*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_201*INDEX(RFLEAK,2)*DURSHT),0)
	-IF(DIM_3-5,IF(OR(DIM_19-3,DIM_19-4),VOVFL*Stream_201*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_201*INDEX(RFLEAK,2)*DURSHT),0)
	=IF(DIM_3=5,IF(OR(DIM_19=3,DIM_19=4),VOYFL*Stream_201*INDEX(RFLEAK,1)*DURSHT,VOYFL*Stream_201*INDEX(RFLEAK,2)*DURSHT),0)
53	=IF(DIM_3=5,IF(OR(DIM_19=3,DIM_19=4),VOVFL*Stream_201*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_201*INDEX(RFLEAK,2)*DURSHT),0)
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	OVERFLOW
	=IF(DIM_4=3,IF(OR(DIM_19=3,DIM_19=4),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT,0)
	=IF(DIM_4=3,IF(OR(DIM_19=3,DIM_19=4),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0) =IF(DIM_4=3,IF(OR(DIM_19=3,DIM_19=4),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0)
	=IF(UIM_4=3,IF(OR(DIM_19=3,DIM_19=4),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0) =IF(DIM_4=3,IF(OR(DIM_19=3,DIM_19=4),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0)
	=IF(DIM_4=3,IF(OR(DIM_19=3,DIM_19=4),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0)
62	=IF(DIM_4=3,IF(OR(DIM_19=3,DIM_19=4),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0)
	=IF(DIM_4=3.IF(OR(DIM_19=3,DIM_19=4),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0)
	#IF(DIM_4#3,IF(OR(DIM_19#3,DIM_19#4),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0)
	=IF(DIM_4=3,IF(OR(DIM_19=3,DIM_19=4),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0) =IF(DIM_4=3,IF(OR(DIM_19=3,DIM_19=4),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0)
	=IF(DIM_4=3,IF(OR(DIM_19=3,DIM_19=4),VOYFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOYFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0)
60	=IF(DIM_4=3,IF(OR(DIM_19=3,DIM_19=4),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0)
69	=IF(DIM_4=3,IF(OR(DIM_19=3,DIM_19=4),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0)
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	=IF(DIM_5=7,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_3*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_3*INDEX(RFLEAK,2)*DURSHT),0)
75	=IF(DIM_5=7,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_3*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_3*INDEX(RFLEAK,2)*DURSHT),0)
76	=IF(DIM_5=7,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_3*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_3*INDEX(RFLEAK,2)*DURSHT),0)

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24 25	=INDEX(LPBDOF,0,DIM_19)*INDEX(LPFLDF,0,DIM_19) =INDEX(LPBDOF,0,DIM_19)*INDEX(LPFLDF,0,DIM_19)
	=INDEX(LPBODF,0,DIM_19)*INDEX(LPFLDF,0,DIM_19)
27	=INDEX(LPBDDF,0,DIM_19)*INDEX(LPFLDF,0,DIM_19)
29	=INDEX(LPBDDF,0,DIM_19)*INDEX(LPFLDF,0,DIM_19) =INDEX(LPBDDF,0,DIM_19)*INDEX(LPFLDF,0,DIM_19)
30	=INDEX(LPBDDF,0,DIM_19)*INDEX(LPFLDF,0,DIM_19)
	=INDEX(LPBODF,0,DIM_19)*INDEX(LPFLDF,0,DIM_19)
	=INDEX(LPBDDF,0,DIM_19)*INDEX(LPFLDF,0,DIM_19)
33	=INDEX(LPBDOF,0,DIM_19)*INDEX(LPFLDF,0,DIM_19) =INDEX(LPBDOF,0,DIM_19)*INDEX(LPFLDF,0,DIM_19)
35	=INDEX(LPBDOF,0,DIM_19)*INDEX(LPFLDF,0,DIM_19)
36	
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	DF
40	=INDEX(LPBDDF,0,DIM_19)*INDEX(LPFLDF,0,DIM_19)
47 42	=INDEX(LPBDOF,0,DIM_19)*INDEX(LPFLDF,0,DIM_19) =INDEX(LPBDOF,0,DIM_19)*INDEX(LPFLDF,0,DIM_19)
43	
	=INDEX(LPBODF,0,DIM_19)*INDEX(LPFLOF,0,DIM_19)
45	=INDEX(LPBDDF,0,DIM_19)*INDEX(LPFLDF,0,DIM_19) =INDEX(LPBDDF,0,DIM_19)*INDEX(LPFLDF,0,DIM_19)
47	=INDEX(LPBODF,0,DIM_19)*INDEX(LPFLDF,0,DIM_19)
48	-INDEX(LPBODF,O,DIM_19)*INDEX(LPFLDF,O,DIM_19)
49	=INDEX(LPBOOF,0,DIM_19)*INDEX(LPFLDF,0,DIM_19)
30	=INDEX(LPBDDF,0,DIM_19)*INDEX(LPFLDF,0,DIM_19) =INDEX(LPBDDF,0,DIM_19)*INDEX(LPFLDF,0,DIM_19)
52	=INDEX(LPBDOF,0,DIM_19)*INDEX(LPFLDF,0,DIM_19)
23	
35	
56	DF
21	=INDEX(LPBDDF,0,DIM_19)*INDEX(LPFLDF,0,DIM_19)
59	=INDEX(LPBDDF,0,DIM_19)*INDEX(LPFLDF,0,DIM_19) =INDEX(LPBDDF,0,DIM_19)*INDEX(LPFLDF,0,DIM_19)
60	INDEX(LPBDDF,0,DIM_19)*INDEX(LPFLDF,0,DIM_19) ■INDEX(LPBDDF,0,DIM_19)*INDEX(LPFLDF,0,DIM_19)
61	=INDEX(LPBDDF,0,DIM_19)*INDEX(LPFLDF,0,DIM_19)
62	=INDEX(LPBDDF,0,DIM_19)*INDEX(LPFLDF,0,DIM_19)
64	=INDEX(LPBDDF,0,DIM_19)*INDEX(LPFLDF,0,DIM_19) =INDEX(LPBDDF,0,DIM_19)*INDEX(LPFLDF,0,DIM_19)
65	-INDEX(LPBDDF,0,DIM_19)*INDEX(LPFLDF,0,DIM_19)
67	HINDEX(LPBDDF,0,DIM_19)*INDEX(LPFLDF,0,DIM_19)
68	=INDEX(LPBDDF,0,DIM_19)*INDEX(LPFLDF,0,DIM_19) =INDEX(LPBDDF,0,DIM_19)*INDEX(LPFLDF,0,DIM_19)
69	=INDEX(LPBDDF,0,DIM_19)*INDEX(LPFLDF,0,DIM_19)
179	
72	
73	DF
14	-INDEX(SPCDF,0,DIM_16)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
76	-INDEX(SPCDF,0,DIM_16)*INDEX(YITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) -INDEX(SPCDF,0,DIM_16)*INDEX(YITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
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20	LPPPST	
	RELEASE	
	m(H23:H35+J23:J35+L23:L35+M23:M35+O23:O35+P23:P35+Q23:Q35+R23:R35+S23:S35)/(T23:T35)	
	=(H23:H35+J23:J35+L23:L35+M23:M35+O23:O35+P23:P35+Q23:Q35+R23:R35+S23:S35)(T23:T35) =(H23:H35+J23:J35+L23:L35+M23:M35+O23:O35+P23:P35+Q23:Q35+R23:R35+S23:S35)(T23:T35)	
26		
27	+H23:H35+J23:J35+L23:L35+M23:M35+O23:O35+P23:P35+Q23:Q35+R23:R35+S23:S35)(T23:T35)	
	=(H23:H35+J23:J35+L23:L35+M23:M35+O23:O35+P23:P35+Q23:Q35+R23:R35+S23:S35)(T23:T35) =(H23:H35+J23:J35+L23:L35+M23:M35+O23:O35+P23:P35+Q23:Q35+R23:R35+S23:S35)(T23:T35)	
-	=(H23:H35+J23:J35+L23:L35+M23:M35+O23:O35+P23:P35+Q23:Q35+R23:R35+S23:S35)(T23:T35)	
	=(H23:H35+J23:J35+L23:L35+M23:M35+O23:O35+P23:P35+Q23:Q35+R23:R35+S23:S35)(T23:T35)	
	=(H23:H35+J23:J35+L23:L35+M23:M35+O23:O35+P23:P35+Q23:Q35+R23:R35+S23:S35y(T23:T35)	
	~(H23:H35+J23:J35+L23:L35+M23:M35+O23:O35+P23:P35+O23:Q35+R23:R35+S23:S35)(T23:T35) ~(H23:H35+J23:J35+L23:L35+M23:M35+O23:O35+P23:P35+O23:Q35+R23:R35+S23:S35)(T23:T35)	
35	=(H23:H35+J23:J35+L23:L35+M23:M35+O23:O35+P23:P35+O23:Q35+R23:R35+S23:S35)(T23:T35)	
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37	I DODAY	
	LPPPPT RELEASE	
	=(H40:H52+J40:J52+L40:L52+M40:M52+O40:O52+P40:P52+O40:Q52+R40:R52+S40:S52)(T40:T52)	
	=(H40:H52+J40:J52+L40:L52+M40:M52+O40:O52+P40:P52+O40:Q52+R40:R52+S40:S52)(T40:T52)	
	=(H40:H52+J40:J52+L40:L52+M40:M52+O40:O52+P40:P52+Q40:Q52+R40:R52+S40:S52)(T40:T52) =(H40:H52+J40:J52+L40:L52+M40:M52+O40:O52+P40:P52+Q40:Q52+R40:R52+S40:S52)(T40:T52)	
	=(H40:H52+J40:J52+J40:L52+M40:M52+O40:O52+P40:P52+O40:Q52+R40:R52+S40:S52)(T40:T52)	
45	=(H40:H52+J40:J52+L40:L52+M40:M52+O40:O52+P40:P52+O40:Q52+R40:R52+S40:S52)(T40:T52)	
	=(H40:H52+J40:J52+L40:L52+M40:M52+O40:O52+P40:P52+Q40:Q52+R40:R52+S40:S52)/(T40:T52)	
	~(H40:H52+J40:J52+L40:L52+M40:M52+O40:O52+P40:P52+O40:Q52+R40:R52+S40:S52)(T40:T52) ~(H40:H52+J40:J52+L40:L52+M40:M52+O40:O52+P40:P52+O40:Q52+R40:R52+S40:S52)(T40:T52)	
	=(H40:H52+J40:J52+L40:L52+M40:M52+Q40:Q52+P40:P52+Q40:Q52+R40:R52+S40:S52)(T40:T52)	
	=(H40:H52+J40:J52+L40:L52+M40:M52+O40:O52+P40:P52+O40:Q52+R40:R52+S40:S52)/(T40:T52)	
	=(H40:H52+J40:J52+L40:L52+M40:M52+O40:O52+P40:P52+Q40:Q52+R40:R52+S40:S52)(T40:T52) =(H40:H52+J40:J52+L40:L52+M40:M52+O40:O52+P40:P52+Q40:Q52+R40:R52+S40:S52)(T40:T52)	
53	The state of the s	
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	LPPPRT RELEASE	
	RELEASE =(H57:H69+J57:J69+L57:L69+M57:M69+Q57:Q69+P57:P69+Q57:Q69+R57:R69+S57:S69WT57:T69)	
58	=(H57:H69+J57:J69+L57:L69+M57:M69+Q57:Q69+P57:P69+Q57:Q69+R57:R69+S57:S69)(T57:T69)	
	=(H57:H69+J57:J69+L57:L69+M57:M69+O57:O69+P57:P69+Q57:Q69+R57:R69+S57:S69)(T57:T69)	
	=(H57:H69+J57:J69+L57:L69+M57:M69+O57:O69+P57:P69+Q57:Q69+R57:R69+S57:S69)(T57:T69)	
63	=(H57:H69+J57:J69+L57:L69+M57:M69+Q57:Q69+P57:P69+Q57:Q69+R57:R69+S57:S69)(T57:T69)	
	=(H57:H69+J57:J69+L57:L69+M57:M69+Q57:Q69+P57:P69+Q57:Q69+R57:R69+S57:S69)(T57:T69) =(H57:H69+J57:J69+L57:L69+M57:M69+Q57:Q69+P57:P69+Q57:Q69+R57:R69+S57:S69)(T57:T69)	
	~(H57:H69+J57:J69+L57:L69+M57:M69+O57:O69+P57:P69+Q57:Q69+R57:R69+S57:S69)(T57:T69) ~(H57:H69+J57:J69+L57:L69+M57:M69+O57:O69+P57:P69+Q57:Q69+R57:R69+S57:S69)(T57:T69)	
67	=(H57:H69+J57:J69+L57:L69+M57:M69+O57:O69+P57:P69+Q57:Q69+R57:R69+S57:S69)/(T57:T69)	
	=(H57:H69+J57:J69+L57:L69+M57:M69+O57:O69+P57:P69+Q57:Q69+R57:R69+S57:S69)/(T57:T69)	
70	=(H57:H69+J57:J69+L57:L69+M57:M69+O57:O69+P57:P69+Q57:Q69+R57:R69+S57:S69)/(T57:T69)	
71	·	
72		
	RELEASE	
	=(H74:H86+J74:J86+L74:L86+M74:M86+O74:O86+P74:P86+Q74:Q86+R74:R86+S74:S86)/(T74:T86) =(H74:H86+J74:J86+L74:L86+M74:M86+O74:O86+P74:P86+Q74:Q86+R74:R86+S74:S86)/(T74:T86)	
	=(H74:H86+J74:J86+L74:L86+M74:M86+O74:O86+P74:P86+Q74:Q86+R74:R86+S74:S86)/(T74:T86)	

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3	INPUT PARAMETERS		
4	TANK VALUMPA	GALLONS	
	TANK VOLUMES	150000	
 	VLPST	6200	
8	VLPPT	6460	
9	VLPRT	5300	
	VPR VPRFT	8350 8350	
11	VPRBT	11000	
	VSME	11000	
14	VSRAT	11000	
15	VMFT	11000	
76	VMLT	726 - 11000	
18	VOEV	0	
	VOECT	0	
	MISC VALUES		
ZŢ	VUCRS	0.03	GALLONS
	VUCRC VUCRSPL	1393	GALLONS GALLONS
	MROG	71300	LBS
Z 5	MCAN	3710	LBS
	VMSPL	10.6	GALLONS
Z/	VOYFL	932	GALLONS GALLONS
	VLEAKP VLEAKC	200 45	GALLONS
	VLEAKS	30	GALLONS
	RHO	3.83	KG/GAL
	RHOB	3.33	KG/GAL
	RHOGL	21.5	LB/GAL LB/FT^3
	RHOG EXPL. AERO. MASSES	0.0169 DET	DEF
	RLEXOW	0	KG
	RLEXLPPT	19.6	0.739
	RLEXLPST	16.2	1.309
	RLEXPR RLEXPRFT	16.3 16.3	1.925 1.263
	RLEXPRBT	28.1	1.357
42	RLEXSME	23.3	1.124
	RLEXSRAT	28.1	1.357
	RLEXMFT	23.3	0.874
	RLEXSPC	3.786	KG
	RLEXOEV	0	0
48			
	RELEASE FRACTIONS		
	ISOTOPE H3	RFSPLSH	RFFIRE
	SR90	0.00004	0.00016
	RU106	0.00004	0.00016
	CS134	0.00004	0.00016
	CS137	0.00004	0.00016
	CE144 PM147	0.00004	0.00016
	PU238	0.00004	0.00016
59	PU239	0.00004	0.00016
	PU240	0.00004	0.00016
	PU241 AM241	0.00004 0.00004	0.00016 0.00016
	CM244	0.00004	0.00016
54			
	RELEASE RATES	W/VENT'N	W/O VENT'N
	RFLEAK RFVENT	0.00000000011 0.0000000000011	0.000000000011
	DURSHT	=8°3600	3.3000000011
	DURLING	-4-24-3600	
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27 28 29 30			
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32 33			
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35			
36 31	KG	DEF ONLY	
38	KG		
739	KG		
40	KG		
41	KG		
4Z 43	KG		
44	KG		
45	KG		
46		DEF ONLY	
47	KG		
46 49			
30	RFCR	RFMSPL	RFTOR
51	1	1	1
52	0.000001	0.00220310468613975	0.0038
23	0.000001 0.000001	0.000637595323917013	0.0038
55	0.000001 0.000001	0.00498981751165822	0.0038
56			0.0038
57	0.000001	0	0.0038
28	0.000001		0.0038
		0	0.0038
67		0	0.0038 0.0038
		0	0.0038
63	0.000001		0.0038
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AM241	83			PU240	=VPR*Stream_3
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TUD				PU240	
TUD				PU241	=VPRFT*Stream_201
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TTU					
H3				PRBT	BEG INV
T1Z					
T14					
TTO	113			RU106	=VPRBT*Stream_3
TT6					=VPRBT*Stream_3
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PU238					
PU239					
PU240		· · · · · · · · · · · · · · · · · · ·			
PU241					
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124	TZZ			AM241	
TZ5				CM244	=VPRBT*Stream_3
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SR90					
RU106					
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CS137					
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PU238					
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RU106					
T40 CS134 =VSRAT*Stream_7					
					
149 CS137 =VSRAT*Stream_7					
151 PM147 =VSRAT*Stream_7					
T5Z PU238 =VSRAT*Stream 7					

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177	=IF(DIM_5=1,((INDEX(RLEXPR,1)*Stream_3)/RHO),IF(DIM_5=2,((INDEX(RLEXPR,2)*Stream_3)/RHO),0))	=G74:G86-H74:H86
	=IF(DIM_5=1,((INDEX(RLEXPR,1)*Stream_3)/RHO),IF(DIM_5=2,((INDEX(RLEXPR,2)*Stream_3)/RHO),0))	-G74:G86-H74:H86
	-IF(DIM_5-1,(INDEX(RLEXPR,1)*Stream_3)/RHO),IF(DIM_5-2,(INDEX(RLEXPR,2)*Stream_3)/RHO),0))	=G74:G86-H74:H86
	=IF(DIM_5=1,((INDEX(RLEXPR,1)*Stream_3)/RHO),IF(DIM_5=2,((INDEX(RLEXPR,2)*Stream_3)/RHO),0))	=G74:G86-H74:H86
	=1F(DIM_6=1,((INDEX(RLEXPR,1)*Stream_3)/RHO),IF(DIM_6=2,((INDEX(RLEXPR,2)*Stream_3)/RHO),0)) =1F(DIM_6=1,((INDEX(RLEXPR,1)*Stream_3)/RHO),IF(DIM_6=2,((INDEX(RLEXPR,2)*Stream_3)/RHO),0))	=G74:G86-H74:H86 =G74:G86-H74:H86
	=IF(DIM_5=1,((INDEX(RLEXPR,1)*Stream_3)RHO),IF(DIM_5=2,((INDEX(RLEXPR,2)*Stream_3)RHO),0))	=G74:G86-H74:H86
87	a family affine design and a second a second and a second a second and	
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	EXPLOSION	100/45040
93	UAR =IF(DIM 6=1,((INDEX(RLEXPRFT,1)*Stream_201)/RHO),IF(DIM_6=2,((INDEX(RLEXPRFT,2)*Stream_201)/RHO),0))	INV AF DAR =G94:G106-H94:H106
	=IF(DIM_6=1,((INDEX/RLEXPRFT,1)*Stream_201)RHO),IF(DIM_6=2,((INDEX/RLEXPRFT,2)*Stream_201)RHO),0))	=G94:G106-H94:H106
	=IF(DIM 6=1,((INDEX/RLEXPRFT,1)*Stream_201)/RHO),(IF(DIM_6=2,((INDEX/RLEXPRFT,2)*Stream_201)/RHO),0))	=G94:G106-H94:H106
	=IF(DIM_6=1,((INDEX(RLEXPRFT,1)*Stream_201)/RHO),IF(DIM_6=2,((INDEX(RLEXPRFT,2)*Stream_201)/RHO),0))	=G94:G106-H94:H106
	=IF(DIM_6=1,((INDEX(RLEXPRFT,1)*Stream_201)/RHO),IF(DIM_6=2,((INDEX(RLEXPRFT,2)*Stream_201)/RHO),0))	=G94:G106-H94:H106
	=IF(DIM_6=1,((INDEX/RLEXPRFT,1)*Stream_201)/RHO),IF(DIM_6=2,((INDEX/RLEXPRFT,2)*Stream_201)/RHO),D))	=G94:G106-H94:H106
	=IF(DIM_6=1,((INDEX(RLEXPRFT,1)"Stream_201)/RHO),IF(DIM_6=2,((INDEX(RLEXPRFT,2)"Stream_201)/RHO),0))	=G94:G106-H94:H106
	=IF(DIM_6=1,((INDEX(RLEXPRFT,1)*Stream_201)/RHO),IF(DIM_6=2,((INDEX(RLEXPRFT,2)*Stream_201)/RHO),0))	≈G94:G106-H94:H106
	=IF(DIM_6=1,((INDEX(RLEXPRFT,1)*Stream_201)/RHO),IF(DIM_6=2,((INDEX(RLEXPRFT,2)*Stream_201)/RHO),0))	=G94:G106-H94:H106
	=IF(DIM_6=1,((INDEX(RLEXPRFT,1)"Stream_201)RHO),IF(DIM_6=2,((INDEX(RLEXPRFT,2)"Stream_201)RHO),0)) =IF(DIM_6=1,((INDEX(RLEXPRFT,1)"Stream_201)RHO),IF(DIM_6=2,((INDEX(RLEXPRFT,2)"Stream_201)RHO),0))	=G94:G106-H94:H106 =G94:G106-H94:H106
	=1F(DIM_6=1,((INDEX(RLEXPRFT,1)*Stream_201)RHO),(F(DIM_6=2,((INDEX(RLEXPRFT,2)*Stream_201)RHO),0))	=G94:G106-H94:H106
	=IF(DIM_6=1,((INDEX(RLEXPRFT,1)*Stream_201)/RHO),iF(DIM_6=2,((INDEX(RLEXPRFT,2)*Stream_201)/RHO),0))	=G94:G106-H94:H106
107		
TUB		
	EXPLOSION	
שדד		INV AF DAR
	=IF(DIM_7=1,((INDEX(RLEXPRBT,1)*Stream_3)/RHO),IF(DIM_7=2,((INDEX(RLEXPRBT,2)*Stream_3)/RHO),0))	=G111:G123-H111:H123
	=IF(DIM_7=1,(INDEX(RLEXPRBT,1)*Stream_3)/RHO),IF(DIM_7=2,((INDEX(RLEXPRBT,2)*Stream_3)/RHO),0)) =IF(DIM_7=1,(INDEX(RLEXPRBT,1)*Stream_3)/RHO),IF(DIM_7=2,((INDEX(RLEXPRBT,2)*Stream_3)/RHO),0))	=G111:G123-H111:H123
	=IF(DIM_7=1,(INDEX/RLEXPRBT,1)*Stream_SyRHO),IF(DIM_7=2,((INDEX/RLEXPRBT,2)*Stream_3/RHO),0))	=G111:G123-H111:H123 =G111:G123-H111:H123
	=IF(DIM_7=1,((INDEX(RLEXPRBT,1)*Stream_3)/RHO),IF(DIM_7=2,((INDEX(RLEXPRBT,2)*Stream_3)/RHO),0))	=G111:G123-H111:H123
	=IF(DIM_7=1.((INDEX(RLEXPRBT,1)*Stream_SYRHO),IF(DIM_7=2.((INDEX(RLEXPRBT,2)*Stream_SYRHO),0))	=G111:G123-H111:H123
777	=IF(DIM_7=1.((INDEX(RLEXPRBT,1)*Stream_SYRHO),IF(DIM_7=2.((INDEX(RLEXPRBT,2)*Stream_SYRHO),0))	=G111:G123-H111:H123
110	=IF(DIM_7=1,((INDEX(RLEXPRBT,1)*Stream_3)/RHO),IF(DIM_7=2,((INDEX(RLEXPRBT,2)*Stream_3)/RHO),0))	=G111:G123-H111:H123
119	=IF(DIM_7=1,((INDEX(RLEXPRBT,1)*Stream_3)/RHO),IF(DIM_7=2,((INDEX(RLEXPRBT,2)*Stream_3)/RHO),0))	=G111:G123-H111:H123
	=IF(DIM_7=1,((INDEX(RLEXPRBT,1)*Stream_3)/RHO),IF(DIM_7=2,((INDEX(RLEXPRBT,2)*Stream_3)/RHO),0))	=G111:G123-H111:H123
	=IF(DIM_7=1.(INDEX(RLEXPRBT,1)*Stream_SYRHO).IF(DIM_7=2.((INDEX(RLEXPRBT,2)*Stream_SYRHO).0)) =IF(DIM_7=1.(INDEX(RLEXPRBT,1)*Stream_SYRHO).IF(DIM_7=2.((INDEX(RLEXPRBT,2)*Stream_SYRHO).0))	=G111:G123-H111:H123
123	=iF(DIM_7=1,(INDEX(RLEXPRBT,1)*Stream_3yRHO),iF(DIM_7=2,((INDEX(RLEXPRBT,2)*Stream_3yRHO),0))	=G111:G123-H111:H123 =G111:G123-H111:H123
124	" Issue" - "Muse advisers vest" (See and Educative See 2-5/(maced orders vest 5) as an advisor of the	-0111.0125-1111.1125
125		
126	EXPLOSION	
727		INV AF DAR
120	=iF(DIM_8=1,((INDEX(RLEXSME,1)*Stream_7)/RHO),IF(DIM_8=2,((INDEX(RLEXSME,2)*Stream_7)/RHO),0))	=G128:G140-H128:H140
7777	=IF(DIM_8=1,((INDEX(RLEXSME,1)*Stream_7)/RHO),IF(DIM_8=2,((INDEX(RLEXSME,2)*Stream_7)/RHO),0))	-G128:G140-H128:H140
131	=if(DIM_8=1,((INDEX(RLEXSME,1)*Stream_TyRHO),if(DIM_8=2,((INDEX(RLEXSME,2)*Stream_TyRHO),0)) =if(DIM_8=1,((INDEX(RLEXSME,1)*Stream_TyRHO),if(DIM_8=2,((INDEX(RLEXSME,2)*Stream_TyRHO),0))	=G128:G140-H128:H140 =G128:G140-H128:H140
132	=IF(DIM_8=1,(INDEX(RLEXSME,1)*Stream_7)*RHO),IF(DIM_8=2,((INDEX(RLEXSME,2)*Stream_7)*RHO),0))	=G128:G140-H128:H140 =G128:G140-H128:H140
133	=IF(DIM_8=1,((INDEX(RLEXSME,1)*Stream_7)RHO),IF(DIM_8=2,((INDEX(RLEXSME,2)*Stream_7)RHO),0))	=G128:G140-H128:H140
134	=IF(DIM_8=1,((INDEX(RLEXSME.1)"Stream_7)RHO),IF(DIM_8=2,((INDEX(RLEXSME.2)"Stream_7)/RHO),0))	=G128:G140-H128:H140
[T35]	=if(DIM_8=1.{(INDEX(RLEXSME,1)*Stream_7)/RHO),if(DIM_8=2.{(INDEX(RLEXSME,2)*Stream_7)/RHO),0)}	=G128:G140-H128:H140
136	=IF[DIM_8=1,[(INDEX(RLEXSME,1)*Stream_TyRHO),IF(DIM_8=2,((INDEX(RLEXSME,2)*Stream_TyRHO),0))	=G128:G140-H128:H140
13/	=IF[DIM_8=1,([INDEX(RLEXSME,1)*Stream_7)RHO),IF(DIM_8=2,([INDEX(RLEXSME,2)*Stream_7)RHO),0))	=G128:G140-H128:H140
130	=IF(DIM_8=1,((INDEX(RLEXSME,1)*Stream_7)/RHO),IF(DIM_8=2,((INDEX(RLEXSME,2)*Stream_7)/RHO),0))	~G128:G140-H128:H140
TAU	=IF(DIM_8=1.((INDEX(RLEXSME,1)"Stream_7)/RHO),IF(DIM_8=2.((INDEX(RLEXSME,2)"Stream_7)/RHO),0)) =IF(DIM_8=1.((INDEX(RLEXSME,1)"Stream_7)/RHO),IF(DIM_8=2.((INDEX(RLEXSME,2)"Stream_7)/RHO),0))	=G128:G140-H128:H140 =G128:G140-H128:H140
141	-u.foru."a-s.Himocyluccyauci.) anasu.", hunoliu.foru."a-c'llunccyluccyaucis, anasu.", hunolini	-G128:G140-R128:R140
142		
143	EXPLOSION	
144	DAR	INV AF DAR
145	=iF(DIM_9=1,((INDEX(RLEXSRAT,1)*Stream_7)/RHO),(F(DIM_9=2,((INDEX(RLEXSRAT,2)*Stream_7)/RHO),0))	=G145:G157-H145:H157
146	=IF(DIM_9=1,((INDEX(RLEXSRAT,1)*Stream_T)RHO),IF(DIM_9=2,((INDEX(RLEXSRAT,2)*Stream_T)RHO),0))	=G145:G157-H145:H157
14/	=IF(DIM_9=1,(INDEX(RLEXSRAT,1)*Stream_TYRHO),IF(DIM_9=2,[INDEX(RLEXSRAT,2)*Stream_TYRHO),0))	=G145:G157-H145:H157
170	=IF(DIM_9=1,(INDEX(RLEXSRAT,1)"Stream_7)/RHO),IF(DIM_9=2,((INDEX(RLEXSRAT,2)"Stream_7)/RHO),0)) =IF(DIM_9=1,((INDEX(RLEXSRAT,1)"Stream_7)/RHO),IF(DIM_9=2,((INDEX(RLEXSRAT,2)"Stream_7)/RHO),0))	=G145:G157-H145:H157
150	=if(DIM_9=1,(INDEX[RLEXSRAT,1)*Stream_7)/RHO),if(DIM_9=2,((INDEX[RLEXSRAT,2)*Stream_7)/RHO),0)) =if(DIM_9=1,((INDEX[RLEXSRAT,2)*Stream_7)/RHO),if(DIM_9=2,((INDEX[RLEXSRAT,2)*Stream_7)/RHO),0))	=G145:G157-H145:H157 =G145:G157-H145:H157
151	=IF(DIM_9=1,((INDEX(RLEXSRAT,1)*Stream_TYRHO),IF(DIM_9=2,((INDEX(RLEXSRAT,2)*Stream_TYRHO),0))	=G145:G157-H145:H157
152	=IF(DIM_9=1.((INDEX(RLEXSRAT.1)*Stream_TYRHO).)F(DIM_9=2.((INDEX(RLEXSRAT.2)*Stream_TYRHO).0))	=G145:G157-H145:H157

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177	=IF(OR(DIM_5=1,DIM_5=2),I74;I86*RFSPLSH,0)	=174:186~J74:J86
78	=IF(OR(DIM_5=1,DIM_5=2),174:186*RFSPLSH,0)	=174:186~J74:J86
	=iF(OR(DIM_5=1,DIM_5=2),174:186*RFSPLSH,0)	=174:186-J74:J86
	=IF(OR(DIM_5=1,DIM_5=2),I74:I86*RFSPLSH,0) =IF(OR(DIM_5=1,DIM_5=2),I74:I86*RFSPLSH,0)	=174:186-J74:J86
	=IF(OR(DIM_5=1,DIM_5=2),I74:186*RFSPLSH,U)	=174:186~J74:J86 =174:186~J74:J86
	=IF(OR(DIM_5=1,DIM_5=2),I74:186*RFSPLSH,0)	=174:186_174:J86
64	=IF(OR(DIM_5=1,DIM_5=2),174:186*RFSPLSH,D)	=174:186-J74:J86
85	=1F(OR(DIM_5=1,DIM_5=2),174:186*RFSPLSH,0)	=174:186~J74:J86
86	=IF(OR(DIM_5=1,DIM_5=2),174:186*RFSPLSH,0)	=174:186-174:186
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	SPLASHING	INV AF SPLSH
	=IF(OR(DIM_6=1,DIM_6=2),I94:I106*RFSPLSH,0)	=194:1106~J94:J106
	=IF(OR(DIM_6=1,DIM_6=2),194:1106*RFSPLSH,0)	=194:1106~J94:J106
	=IF(OR(DIM_6=1,DIM_6=2),194:1106*RFSPLSH,0}	=194:1106~194:J106
97	=IF(OR(DIM_6=1,DIM_6=2),I94:I106*RFSPLSH,0)	=194:1106~J94:J106 =194:1106~J94:J106
	=IF(OR(DIM_6=1,DIM_6=2),I94:I106*RFSPLSH,0) =IF(OR(DIM_6=1,DIM_6=2),I94:I106*RFSPLSH,0)	=194:1106-J94:J106
	=IF(OR(DIM_6=1,DIM_6=2),I94:I106*RFSPLSH,0)	=194:1106~J94:J106
701	=IF(OR(DIM_6=1,DIM_6=2),194:1106*RFSPLSH,0)	=194:1106~J94:J106
	=IF(OR(DIM_6=1,DIM_6=2),I94:I106*RFSPLSH,0)	=194:1106-J94:J106
	=IF(OR(DIM_6=1,DIM_6=2),I94:I106*RFSPLSH,0) =IF(OR(DIM_6=1,DIM_6=2),I94:I106*RFSPLSH,0)	=194:1106~194:J106 =194:1106~194:J106
	=IF(OR(DIM_6=1,DIM_6=2),I94:I106*RFSPLSH,0)	=194:1106-194:1106
	=IF(OR(DIM_6=1,DIM_6=2),I94:I106*RFSPLSH,0)	=194:1106~J94:J106
707		
108		
	SPLASHING	INV AF SPLSH
	=IF(OR(DIM_7=1,DIM_7=2),I111:1123*RFSPLSH,0)	=1111:1123-J111:J123
772	=IF(OR(DIM_7=1,DIM_7=2),I111:I123*RFSPLSH.0)	H111:1123-J111:J123
113	=IF(OR(DIM_7=1,DIM_7=2),I111:I123*RFSPLSH,0)	=1111:1123-J111:J123
	=IF(OR(DIM_7=1,DIM_7=2),I111:1123*RFSPLSH,0) =IF(OR(DIM_7=1,DIM_7=2),I111:1123*RFSPLSH,0)	=1111:1123-J111:J123
	=IF(OR(DIM_7=1,DIM_7=2),I111:I123*RFSPLSH,0)	=1111:1123-J111:J123 =1111:1123-J111:J123
	=iF(OR(DIM_7=1,DIM_7=2),I111:I123*RFSPLSH,0)	=111:3123-3111:3123
	=IF(OR(DIM_7=1,DIM_7=2),H11:H23*RFSPLSH,0)	-1111123-J111:J123
137	=iF(OR(DIM_7=1,DIM_7=2),i111:i123*RFSPLSH,0)	H111:1123-J111:J123
121	=IF(OR(DIM_7=1,DIM_7=2),H111:H23*RFSPLSH,0) =IF(OR(DIM_7=1,DIM_7=2),H111:H23*RFSPLSH,0)	=1111:1123-J111:J123 =1111:1123-J111:J123
TZZ	=IF(OR(DIM_7=1,DIM_7=2),I111:I123*RFSPLSH.0)	=11111123-11111123
123	=IF(OR(DIM_7=1,DIM_7=2),I111:I123*RFSPLSH,0)	=1111:123-J111:J123
124		
125		
	SPLASHING	INV AF SPLSH
	=iF(OR(DIM_8=1,DIM_8=2),i128:i140*RFSPLSH,0)	=1128:1140-J128:J140
129	=IF(OR(DIM_8=1,DIM_8=2),I128:I140*RFSPLSH,0)	=1128:1140-J128:J140
130	=IF(OR(DIM_8=1,DIM_8=2),I128:I140°RFSPLSH,0)	=1128:1140~J128:J140
137	=IF(OR(DIM_8=1,DIM_8=2),1128:1140*RFSPLSH,0) =IF(OR(DIM_8=1,DIM_8=2),1128:1140*RFSPLSH,0)	=1128:1140~J128;J140 =1128:1140~J128;J140
133	=IF(OR(DIM_8=1,DIM_8=2),1128:1140*RFSPLSH,0)	=1128:1140-J128:J140
134	=IF(OR(DIM_8=1,DIM_8=2),I128:I140°RFSPLSH,0)	=1128:1140-J128:J140
135	=IF(OR(DIM_8=1,DIM_8=2),I128:I140*RFSPLSH,0)	=1128:1140~J128:J140
	=IF(OR(DIM_8=1,DIM_8=2),1128:1140*RFSPLSH,0)	=1128:1140-1128:J140
	=IF(OR(DIM_8=1,DIM_8=2),I128:I140*RFSPLSH,0) =IF(OR(DIM_8=1,DIM_8=2),I128:I140*RFSPLSH,0)	=1128:1140-J128:J140 =1128:1140-J128:J140
739	=IF(OR(DIM_B=1,DIM_B=2),I128:I140*RFSPLSH,0)	=1128:1140-J128:J140
140	=IF(OR(DIM_8=1,DIM_8=2),I128:I140*RFSPLSH,0)	=1128:1140-J128:J140
141		
142 143		
	SPLASHING	INV AF SPLSH
145	=IF(OR(DIM_9=1,DIM_9=2),I145:I157*RFSPLSH,0)	=1145:1157-J145:J157
146	=IF(OR(DIM_9=1,DIM_9=2),I145:I157*RFSPLSH,0)	=1145:1157-J145:J157
747	#IF(OR(DIM_9=1,DIM_9=2),I145:I157*RFSPLSH,0)	=1145:1157-J145:J157
120	=IF(OR(DIM_9=1,DIM_9=2),I145:I157*RFSPLSH,0) =IF(OR(DIM_9=1,DIM_9=2),I145:I157*RFSPLSH,0)	=1145:1157-J145:J157
150	=IF(OR(DIM_9=1,DIM_9=2),I145:I157*RFSPLSH,0) =IF(OR(DIM_9=1,DIM_9=2),I145:I157*RFSPLSH,0)	=1145:1157-J145:J157 =1145:1157-J145:J157
	=(F(OR(DIM_9=1,DIM_9=2),1145:1157*RFSPLSH,0)	=1145:1157-J145:J157
	=IF(OR(DIM_9=1,DIM_9=2).1145:1157*RFSPLSH,0)	=1145:1157-J145:J157

	<u> </u>
	=1F(OR(DIM_5=1,DIM_5=2),IF(OR(DIM_19=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*K74:K86,INDEX(RFLEAK,2)*DURLNG*K74:K86,0)
78	=IF(OR(DIM_5=1,DIM_5=2),IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLING*K74:K86,INDEX(RFLEAK,2)*DURLING*K74:K86),0)
79	=IF(OR(DIM_5=1,DIM_5=2),IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*K74:K86,INDEX(RFLEAK,2)*DURLNG*K74:K86),0)
	=IF(OR(DIM_5=1,DIM_5=2),IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*K74:K86,INDEX(RFLEAK,2)*DURLNG*K74:K86),0)
	=IF(OR(DIM_5=1,DIM_5=2),IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*K74:K86,INDEX(RFLEAK,2)*DURLNG*K74:K86),0) =IF(OR(DIM_5=1,DIM_8=2),IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*K74:K86,INDEX(RFLEAK,2)*DURLNG*K74:K86),0)
	==F(OR(DIM_5=1,DIM_5=2),IF(OR(DIM_16=3,DIM_16=3),INDEX(RFLEAX,1)*DURLNG*X74:X86,INDEX(RFLEAX,2)*DURLNG*X74:X86),0) ==F(OR(DIM_5=1,DIM_5=2),IF(OR(DIM_16=3,DIM_18=3,DIM_18=5),INDEX(RFLEAX,1)*DURLNG*X74:X86,INDEX(RFLEAX,2)*DURLNG*X74:X86),0)
84	==F(OR(DIM_5=1,DIM_5=2),IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLING*K74:K86,INDEX(RFLEAK,2)*DURLING*K74:K86,I)
85	=F(OR(DIM_5=1,DIM_5=2),IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLING*K74:K86,INDEX(RFLEAK,2)*DURLING*K74:K86),0)
86	= F(OR(DIM_5=1,DIM_5=2),IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLING*K74:K86,INDEX(RFLEAK,2)*DURLING*K74:K86),0)
87	- Louise - Louise - This landow is a street a street of the section of the sectio
88	
89	
90	
91	
92	•
93	EVAPORATION
94	=IF(DR(DIM_6=1,DIM_6=2),IF(DR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*K94:K106,INDEX(RFLEAK,2)*DURLNG*K94:K106),0)
95	=1F(OR/DIM 6=1,DIM 6=2),IF(OR/DIM 18=3,DIM 18=5),INDEX(RFLEAK,1)*DURLNG*K94:K106,INDEX(RFLEAK,2)*DURLNG*K94:K106),0)
96	=IF(OR(DIM_6=1,DIM_6=2),IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*K94:K106,INDEX(RFLEAK,2)*DURLNG*K94:K106),0)
197	=IF(OR(DIM 6=1,DIM 6=2),IF(DR(DIM 18=3,DIM 18=5),INDEX(RFLEAK,1)*DURLNG*K94:K106,INDEX(RFLEAK,2)*DURLNG*K94:K106),0)
98	=IF(OR(DIM_6=1,DIM_6=2),IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLING*K94:K106,INDEX(RFLEAK,2)*DURLING*K94:K106),0)
	=IF(OR(DIM_6=1,DIM_6=2),IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLING*K94:K106,INDEX(RFLEAK,2)*DURLING*K94:K106),0)
	=#f(OR(DIM_6=1,DIM_6=2),IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*K94:K106,INDEX(RFLEAK,2)*DURLNG*K94:K106),0)
	=IF(OR(DIM_6=1,DIM_6=2),IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*K94:K106,INDEX(RFLEAK,2)*DURLNG*K94:K106),0)
	=IF(OR(DIM_6=1,DIM_6=2),IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*K94:K106,INDEX(RFLEAK,2)*DURLNG*K94:K106),0)
	=IF(OR(DIM_6=1,DIM_6=2),IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*K94:K106,INDEX(RFLEAK,2)*DURLNG*K94:K106),0) =IF(OR(DIM_6=1,DIM_6=2),IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*K94:K106,INDEX(RFLEAK,2)*DURLNG*K94:K106),0)
	==[OR(DIM_6=1,DIM_6=2),IF(OR(DIM_16=3,DIM_16=3),INDEX(RFLEAK,1)*DURLING*K94:K106,INDEX(RFLEAK,2)*DURLING*K94:K106),0)
	=#{OR(DIM_6=1,DIM_6=2),IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*K94:K106,INDEX(RFLEAK,2)*DURLNG*K94:K106),0)
107	-ITONIOIM_6-1, DIM_6-2, ITONIOIM_16-3, DIM_16-3, IMBESTATE DATEN ASSISTATE ASSISTATE DATEN ASSISTATE DATEN
108	
109	
	EVAPORATION
	=IF(OR(DIM_7=1,DIM_7=2),IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*K111:K123,INDEX(RFLEAK,2)*DURLNG*K111:K123),0)
	=IF(OR(DIM 7=1,DIM 7=2),IF(OR(DIM 18=3,DIM 18=5),INDEX(RFLEAK,1)*DURLING*K111:K123,INDEX(RFLEAK,2)*DURLING*K111:K123),0)
113	=IF(OR(DIM_7=1,DIM_7=2),IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*K111:K123,INDEX(RFLEAK,2)*DURLNG*K111:K123),0)
114	=IF(DR(DIM_7=1,DIM_7=2),IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1) DURLING*K111:K123,INDEX(RFLEAK,2)*DURLING*K111:K123,ID
115	=iF(OR(DIM_7=1,DIM_7=2),IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*K111:K123,INDEX(RFLEAK,2)*DURLNG*K111:K123),0)
	-IF(OR(DIM_7=1,DIM_7=2),IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLING*K111:K123,INDEX(RFLEAK,2)*DURLING*K111:K123),0)
	=IF(OR(DIM_7=1,DIM_7=2),IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLING*K111:K123,INDEX(RFLEAK,2)*DURLING*K111:K123),0)
	=IF(OR(DIM_7=1,DIM_7=2),IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)"DURLING"K111:K123,INDEX(RFLEAK,2)"DURLING"K111:K123),0)
	-IF(OR(DIM_?-1,DIM_?-2),IF(OR(DIM_18-3,DIM_18-5),INDEX(RFLEAK,1)*DURLNG*K111:K123,INDEX(RFLEAK,2)*DURLNG*K111:K123),0)
	=IF(OR(DIM_7=1,DIM_7=2),IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*K111:K123,INDEX(RFLEAK,2)*DURLNG*K111:K123),0)
	=IF(OR(DIM_7=1,DIM_7=2),IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLING*K111:K123,INDEX(RFLEAK,2)*DURLING*K111:K123),0)
	#FjOR(DIM_7=1,DIM_7=2).IF(OR(DIM_19=3,DIM_19=5),INDEX(RFLEAK,1)*DURLING*K111:K123,INDEX(RFLEAK,2)*DURLING*K111:K123),0)
124	-IF(OR(DIM_7=1,DIM_7=2),IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLING*K111:K123,INDEX(RFLEAK,2)*DURLING*K111:K123,I0)
125	
126	and the second of the second o
	EVAPORATION
	=IF(OR(DIM_8=1,DIM_8=2),IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK_1)*DURLNG*K128:K140,INDEX(RFLEAK_2)*DURLNG*K128:K140),0)
	=iF(OR(DIM_8=1,DIM_8=2).IF(OR(DIM_18=3,DIM_18=5),INDEXIRFLEAK_1)*DURLNG*K128:K140,INDEXIRFLEAK_2)*DURLNG*K128:K140),0)
	=IF(OR(DIM_8=1),DIM_8=2),IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*K128:K140,INDEX(RFLEAK,2)*DURLNG*K128:K140),0)
	=IF(OR(DIM_8=1,DIM_8=2),IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*K128:K140,INDEX(RFLEAK,2)*DURLNG*K128:K140),0)
13Z	=IF(OR(DIM_8=1,DIM_8=2),IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*K128:K140,INDEX(RFLEAK,2)*DURLNG*K128:K140),0)
	-IF(OR(DIM_8-1,DIM_8-2),IF(OR(DIM_18-3,DIM_18-5),INDEX(RFLEAK,1)*DURLNG*K128:K140,INDEX(RFLEAK,2)*DURLNG*K128:K140),0)
	=IF(OR(DIM_8=1,DIM_8=2),IF(OR(DIM_19=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*K128:K140,INDEX(RFLEAK,2)*DURLNG*K128:K140),0)
	=IF(OR(DIM_8=1,DIM_8=2),IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*K128:K140,INDEX(RFLEAK,2)*DURLNG*K128:K140),0)
	=IF(OR(DIM_8=1,DIM_8=2),IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLING*K128:K140,INDEX(RFLEAK,2)*DURLING*K128:K140),0)
	=IF(OR(DIM_8=1.DIM_8=2),IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*K128:K140,INDEX(RFLEAK,2)*DURLNG*K128:K140),0)
	=IF(OR(DIM_B=1,DIM_B=2),IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*K128:K140,INDEX(RFLEAK,2)*DURLNG*K128:K140),0)
	=IF(OR(DIM_8=1,DIM_8=2),IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLING*K128:K140,INDEX(RFLEAK,2)*DURLING*K128:K140,IO)
141	=IF(OR(DIM_8=1,DIM_8=2),IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*K128:K140,INDEX(RFLEAK,2)*DURLNG*K128:K140),0)
142	
143	
	EVAPORATION
	EFFOR(DIM 9=1.DIM 9=2).IF(OR(DIM 19=3.DIM 19=5).INDEXIRFLEAK.1)*DURLING*K145:K157.INDEXIRFLEAK.2)*DURLING*K145
	=F(OR(DIM 9=1,DIM 9=2),IF(OR(DIM 18=3,DIM 18=5),INDEX(RFLEAK,1)*DURLING*K145:K157,INDEX(RFLEAK,2)*DURLING*K145*DURL
	#FIORIDIM 9=1,DIM 9=2).IF(ORIDIM 18=3,DIM 18=5).INDEX/RFLEAK.1)*DURLING*K145:K157,INDEX/RFLEAK.2)*DURLING*K145:K157,0)
	=IF(OR(DIM 9=1,DIM 9=2),IF(OR(DIM 18=3,DIM 18=5),INDEX(RFLEAK,1)*DURLING*K145;K157,INDEX(RFLEAK,2)*DURLING*K145;K157,IO)
	=IF(OR)DIM 9=1,DIM 9=2),IF(OR)DIM 18=3,DIM 18=5),INDEX/RFLEAK,11*DURLING*K145:K157,INDEX/RFLEAK,21*DURLING*K145:K157,0)
	-IF(OR(DIM 9-1,DIM 9-2),IF(OR(DIM 19-3,DIM 19-5),INDEX(RFLEAK,1)*DURLNG*K145:K157,INDEX(RFLEAK,2)*DURLNG*K145:K157,0)
151	=IF(OR(DIM_9=1,DIM_9=2),IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*K145;K157,INDEX(RFLEAK,2)*DURLNG*K145;K157,i)
152	=IF(OR(DIM_9=1,DIM_9=2),IF(OR(DIM_19=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*K145;K157,INDEX(RFLEAK,2)*DURLNG*K145;K157),0)

	M	l N
 		-G74:G86-M74:M86
	=IF(DIM_5=3,G74:G86*RFSPLSH,0)	=G74:G86-M74:M86
79	=IF(DIM_5=3,G74:G86*RFSPLSH,0)	□G74:G86-M74:M86
	=iF(DIM_5=3,G74:G86*RFSPLSH,0)	-G74:G86-M74:M86
	=IF(DIM_5=3,G74:G86*RFSPLSH,0) =IF(DIM_5=3,G74:G86*RFSPLSH,0)	=G74:G86-M74:M86 =G74:G86-M74:M86
	=IF(DIM_5=3,G74:G86*RFSPLSH,0)	=G74:G86-M74:M86
	-IF(DIM_5-3,G74:G86*RFSPLSH,0)	=G74:G86-M74:M86
	=IF(DIM_5=3,G74:G86*RFSPLSH,0)	-G74:G86-M74:M86
86	=IF(DIM_5=3,G74;G86*RFSPLSH,0)	=G74:G86-M74:M86
88		
89		
90		
92		SPLASHING +
	SPLASHING	INV AF SPLSH
	=IF(DIM_6=3,G94:G106*RFSPLSH,0)	=G94:G106-M94:M106
	=IF(DIM_6=3,G94;G106*RFSPLSH,0) =IF(DIM_6=3,G94;G106*RFSPLSH,0)	=G94:G106-M94:M106 =G94:G106-M94:M106
	=IF(DIM_6=3,G94:G106*RFSPLSH,0)	=G94:G106-M94:M106
98	=IF(DIM_6=3,G94:G106*RFSPLSH,0)	=G94:G106-M94:M106
	=IF(DIM_6=3,G94:G106*RFSPLSH,0)	=G94:G106-M94:M106 =G94:G106-M94:M106
	=IF(DIM_6=3,G94:G106*RFSPLSH,0) =IF(DIM_6=3,G94:G106*RFSPLSH,0)	=G94:G106-M94:M106
TUZ	=IF(DIM_6=3,G94:G106*RFSPLSH,0)	=G94:G106-M94:M106
103	=IF(DIM_6=3,G94:G106*RFSPLSH,0)	#G94:G106-M94:M106
	=iF(DIM_6=3,G94:G106*RFSPLSH,0) =iF(DIM_6=3,G94:G106*RFSPLSH,0)	=G94:G106-M94:M106 =G94:G106-M94:M106
	=iF(DIM_6=3,G94:G106*RFSPLSH,0)	-G94:G106-M94:M106
707		
108		
109	SPLASHING	SPLASHING INV AF SPLSH
	=IF(DIM_7=3,G111:G123*RFSPLSH,0)	=G111:G123-M111:M123
	=IF(DIM_7=3,G111:G123*RFSPLSH,0)	=G111:G123-M111:M123
	=IF(DIM_7=3,G111:G123*RFSPLSH,0) =IF(DIM_7=3,G111:G123*RFSPLSH,0)	=G111:G123-M111:M123 =G111:G123-M111:M123
	=IF(DIM_7=3,G111:G123*RFSPLSH,0)	=G111:G123-M111:M123
116	=IF(DIM_7=3,G111:G123*RFSPLSH,0)	=G111:G123-M111:M123
	=IF(DIM_7=3,G111:G123*RFSPLSH,0)	-G111:G123-M111:M123
	=IF(DIM_7=3,G111:G123*RFSPLSH,0) =IF(DIM_7=3,G111:G123*RFSPLSH,0)	=G111:G123-M111:M123 =G111:G123-M111:M123
	=IF(DIM_7=3,G111:G123*RFSPLSH,0)	-G111:G123-M111:M123
	=IF(DIM_7=3,G111:G123*RFSPLSH,0)	-G111:G123-M111:M123
	=IF(DIM_7=3,G111:G123*RFSPLSH,0) =IF(DIM_7=3,G111:G123*RFSPLSH,0)	=G111:G123-M111:M123 =G111:G123-M111:M123
124	-IF(DIM_7-3,0111.0123 KF3F23H,0)	
725		
126		SPLASHING
	SPLASHING =IF(DIM_8=3,G128:G140*RFSPLSH,0)	INV AF SPLSH =G128:G140-M128:M140
	=IF(DIM_8=3,G128:G140*RFSPLSH,0)	-G128:G140-M128:M140
730	=IF(DIM_8=3,G128:G140*RFSPLSH,0)	=G128:G140-M128:M140
	=IF(DIM_8=3,G128:G140*RFSPLSH,0)	-G128:G140-M128:M140
	=IF(DIM_8=3,G128:G140°RFSPLSH,0) =IF(DIM_8=3,G128:G140°RFSPLSH,0)	=G128:G140-M128:M140 =G128:G140-M128:M140
134	=iF(DIM_8=3,G128:G140*RFSPLSH,0)	=G128:G140-M128:M140
135	=IF(DIM_8=3,G128:G140*RFSPLSH,0)	=G128:G140-M128:M140
	=IF(DIM_8=3,G128:G140°RFSPLSH,0) =IF(DIM_8=3,G128:G140°RFSPLSH,0)	=G128:G140-M128:M140 =G128:G140-M128:M140
	=IF(DIM_8=3,G128:G140*RFSPLSH,0)	-G128:G140-M128:M140
139	=IF(DIM_8=3,G128:G140*RFSPLSH,0)	-G128:G140-M128:M140
	=IF(DIM_8=3,G128:G140*RFSPLSH,0)	=G128:G140-M128:M140
141 142		
143		SPLASHING
	SPLASHING	INV AF SPLSH
	=IF(DIM_9=3,G145:G157*RFSPLSH,0)	=G145:G157-M145:M157
	=IF(DIM_9=3,G145:G157*RFSPLSH,0) =IF(DIM_9=3,G145:G157*RFSPLSH,0)	=G145:G157-M145:M157 =G145:G157-M145:M157
	=IF(DIM_9=3,G145:G157*RFSPLSH,0)	-G145:G157-M145:M157
149	=IF(DIM_9=3,G145:G157*RFSPLSH,0)	=G145:G157-M145:M157
	=IF(DIM_9=3,G145:G157*RFSPLSH,0)	-G145:G157-M145:M157
	=IF(DIM_9=3,G145:G157*RFSPLSH,0) =IF(DIM_9=3,G145:G157*RFSPLSH,0)	-G145:G157-M145:M157 -G145:G157-M145:M157
		1

	0
77	=1F(DIM_8=3,1F(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*N74:N86,INDEX(RFLEAK,2)*DURLNG*N74:N86),0)
	=1F(DIM_5=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*N74:N86,INDEX(RFLEAK,2)*DURLNG*N74:N86),0)
	=IF(DIM_5=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*N74:N86,INDEX(RFLEAK,2)*DURLNG*N74:N86),0)
80	=IF(DIM_5=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*N74:N86,INDEX(RFLEAK,2)*DURLNG*N74:N86),0) =IF(DIM_5=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*N74:N86,INDEX(RFLEAK,2)*DURLNG*N74:N86),0)
82	#IF(DIM_6=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*N74:N86,INDEX(RFLEAK,2)*DURLNG*N74:N86),0)
83	##F(DIM 5=3,IF(OR(DIM 18=3,DIM 18=5),INDEX(RFLEAK,1)*DURLNG*N74:N86,INDEX(RFLEAK,2)*DURLNG*N74:N86),0)
84	=IF(DIM_5=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*N74:N86,INDEX(RFLEAK,2)*DURLNG*N74:N86),0)
85	=IF(DIM_6=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*N74:N86,INDEX(RFLEAK,2)*DURLNG*N74:N86,IO)
86	=IF(DIM_5=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*N74:N86,INDEX(RFLEAK,2)*DURLNG*N74:N86),0)
86	
89	
90	
91	
9Z	•
1 93 9 <u>7</u>	EVAPORATION -IF(DIM_6=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLING*N94:N106,INDEX(RFLEAK,2)*DURLING*N94:N106),0)
95	#[F(DIM_6=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLING*N94:N106,INDEX(RFLEAK,2)*DURLING*N94:N106),0)
96	#IF/DIM 6=3.IF/OR/DIM 18=3.DIM 18=5).INDEX/RFLEAK,1)*DURLNG*N94:N106,INDEX/RFLEAK,2)*DURLNG*N94:N106),0)
97	=IF(DIM_6=3,IF(DR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*N94:N106,INDEX(RFLEAK,2)*DURLNG*N94:N106),0)
	=IF(DIM_6=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*N94:N106,INDEX(RFLEAK,2)*DURLNG*N94:N106),0)
22	=if(Dim_6=3,if(OR(Dim_18=3,Dim_18=5),index(Rfleak,1)*Durlng*n94:N106,index(Rfleak,2)*Durlng*n94:N106),0} =if(Dim_6=3,if(OR(Dim_18=3,Dim_18=5),index(Rfleak,1)*Durlng*n94:N106,index(Rfleak,2)*Durlng*n94:N106),0}
1117	=IF[DIM_6=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLING*N94:N106,INDEX(RFLEAK,2)*DURLING*N94:N106),0} =IF(DIM_6=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLING*N94:N106,INDEX(RFLEAK,2)*DURLING*N94:N106),0}
102	= F DIM_6=3, F OR DIM_18=3,DIM_18=5), NDEX RFLEAK,1)*DURLNG*N94:N106, NDEX RFLEAK,2)*DURLNG*N94:N106),0)
103	=IF(DIM_6=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*N94:N106,INDEX(RFLEAK,2)*DURLNG*N94:N106),0)
704	=IF(DIM_6=3,IF(DR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*N94:N106,INDEX(RFLEAK,2)*DURLNG*N94:N106),0)
	=IF[DIM_6=3,IF(OR(DIM_18=3,DIM_18=5),INDEX[RFLEAK,1)*DURLNG*N94:N106,INDEX[RFLEAK,2)*DURLNG*N94:N106],0)
107	=IF(DIM_6=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*N94:N106,INDEX(RFLEAK,2)*DURLNG*N94:N106),0)
108	
109	
	EVAPORATION
	=IF(DIM_7=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLING*N111:N123,INDEX(RFLEAK,2)*DURLING*N111:N123),0)
	=IF(DIM_7=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*N111:N123,INDEX(RFLEAK,2)*DURLNG*N1111:N123,INDEX(RFLEAK,2)*DURLNG*N111:N123,INDEX(RFLEAK,2)*DURLNG*N111:
	=!F(DIM_7=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*N111:N123,INDEX(RFLEAK,2)*DURLNG*N111:N123),0) =!F(DIM_7=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*N111:N123,INDEX(RFLEAK,2)*DURLNG*N111:N123),0)
	=#F(DIM_7=3,IF(ORIDIM_18=3,DIM_18=5),INDEX/RFLEAK_1)*DURLING*N111:N123,INDEX/RFLEAK_2)*DURLING*N111:N123,IO)
	=if(DIM_7=3,if(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*N111:N123,INDEX(RFLEAK,2)*DURLNG*N111:N123),0)
	=IF(DIM_7=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*N111:N123,INDEX(RFLEAK,2)*DURLNG*N111:N123),0)
	=IF(DIM_7=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*N111:N123,INDEX(RFLEAK,2)*DURLNG*N111:N123),0)
	=IF(DIM_7=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*N111:N123,INDEX(RFLEAK,2)*DURLNG*N111:N123),0)
	=1F(DIM_7=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*N111:N123,INDEX(RFLEAK,2)*DURLNG*N111:N123),0) =1F(DIM_7=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*N111:N123,INDEX(RFLEAK,2)*DURLNG*N111:N123),0)
	=IF(DIM_7=3,IF(OR(DIM_18=3,DIM_18=5),INDEX;RFLEAK,1)*DURLNG*N111:N123,INDEX;RFLEAK,2)*DURLNG*N111:N123,0)
	=IF(DIM_7=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*N111:N123,INDEX(RFLEAK,2)*DURLNG*N111:N123,D)
124	
125	
126	EVAPORATION
	=IF(DIM_8=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*N128:N140,INDEX(RFLEAK,2)*DURLNG*N128:N140),0)
	=IF(DIM_8=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLING*N128:N140,INDEX(RFLEAK,2)*DURLING*N128:N140),0)
	=IF[DIM_8=3,IF(OR[DIM_18=3,DIM_18=5),MDEX[RFLEAK,1]*DURLNG*N128:N140,INDEX[RFLEAK,2]*DURLNG*N128:N140),0)
	=IF(DIM_8=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*N128:N140,INDEX(RFLEAK,2)*DURLNG*N128:N140,0)
	=IF(DIM_8=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*N128:N140,INDEX(RFLEAK,2)*DURLNG*N128:N140),0) =IF(DIM_8=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*N128:N140,INDEX(RFLEAK,2)*DURLNG*N128:N140),0)
	="F(DIM_8=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)"DURLING"N128:N140,INDEX(RFLEAK,2)"DURLING"N128:N140,IND
	=IF(DIM_8=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLING*N128:N140,INDEX(RFLEAK,2)*DURLING*N128:N140),0)
	=IF(DIM_8=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*N128:N140,INDEX(RFLEAK,2)*DURLNG*N128:N140),0)
	=IF(DIM_8=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*N128:N140,INDEX(RFLEAK,2)*DURLNG*N128:N140),0)
	=IF(DIM_8=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*N128:N140,INDEX(RFLEAK,2)*DURLNG*N128:N140),0)
	=IF(DIM_8=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*N128:N140,INDEX(RFLEAK,2)*DURLNG*N128:N140),0)
141	=iF(DIM_8=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*N128:N140,INDEX(RFLEAK,2)*DURLNG*N128:N140),0)
142	
143	
	EVAPORATION
	-IF(DIM_9-3,IF(OR(DIM_18-3,DIM_19-5),INDEX(RFLEAK,1)*DURLNG*N145:N157,INDEX(RFLEAK,2)*DURLNG*N145:N157),0)
	=IF(DIM_9=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*N145:N157,INDEX(RFLEAK,2)*DURLNG*N145:N157),0) =IF(DIM_9=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*N145:N157,INDEX(RFLEAK,2)*DURLNG*N145:N157),0)
	==f(DMM_9=3,F(OR(DMM_18=3,DMM_18=5),INDEX(RFLEAK,1)*DURLING*N145:N157,INDEX(RFLEAK,2)*DURLING*N145*N157,INDEX(RFLEAK,2)*DURLING*N157,INDEX(RFLEAK,2)*DURLING*N157,INDEX(RFLEAK,2
	-IF(DIM 9-3,IF(DRIDIM 18-3,DIM 18-5),INDEX(RFLEAK,1)*DURLING*N145:N157,INDEX(RFLEAK,2)*DURLING*N145:N157),0)
	=IF(DIM 9=3.IF(OR(DIM 18=3.DIM 18=5).INDEX(RFLEAK,1)*DURLNG*N145:N157.INDEX(RFLEAK.2)*DURLNG*N145:N157).0)
	-IF(DIM_9-3,IF(OR(DIM_18-3,DIM_18-5),INDEX(RFLEAK,1)*DURLNG*N145:N157,INDEX(RFLEAK,2)*DURLNG*N145:N157),0)
152	-IF(DIM_9=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*N145:N157,INDEX(RFLEAK,2)*DURLNG*N145:N157),0)

	P
77	=IF(DIM_5=4,IF(OR/DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VLEAKS*Stream_3,INDEX(RFLEAK,2)*DURSHT*VLEAKS*Stream_3),0)
	=IF(DIM_5=4,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VLEAKS*Stream_3,INDEX(RFLEAK,2)*DURSHT*VLEAKS*Stream_3),0)
79	=IF(DIM_5=4,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VLEAKS*Stream_3,INDEX(RFLEAK,2)*DURSHT*VLEAKS*Stream_3),0)
	=IF(DIM_5=4,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VLEAKS*Stream_3,INDEX(RFLEAK,2)*DURSHT*VLEAKS*Stream_3),0)
	=IF(DIM_5=4,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VLEAKS*Stream_3,INDEX(RFLEAK,2)*DURSHT*VLEAKS*Stream_3),0)
	=IF(DIM_5=4,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VLEAKS*Stream_3,INDEX(RFLEAK,2)*DURSHT*VLEAKS*Stream_3),0) =IF(DIM_5=4,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VLEAKS*Stream_3,INDEX(RFLEAK,2)*DURSHT*VLEAKS*Stream_3),0)
	=iF(DIM_5=4,IF(OR(DIM_19=3,DIM_19=5),INDEX(RFLEAK,1)*DURSHT*VLEAKS*SUBBIT_5,INDEX(RFLEAK,2)*DURSHT*VLEAKS*SUBBIT_5,IV) =IF(DIM_5=4,IF(OR(DIM_19=3,DIM_19=5),INDEX(RFLEAK,1)*DURSHT*VLEAKS*SUBBIT_5,INDEX(RFLEAK,2)*DURSHT*VLEAKS*SUBBIT_5,IV)
	=IF(DIM_5=4,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VLEAKS*Stream_3,INDEX(RFLEAK,2)*DURSHT*VLEAKS*Stream_3),0)
86	=IF(DIM_5=4,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VLEAKS*Stream_3,INDEX(RFLEAK,2)*DURSHT*VLEAKS*Stream_3),0)
87	
88	
89	
30	
91	
	LEAK
94	=IF(DIM 6=4.IF(OR/DIM 18=3.DIM 18=5).INDEX(RFLEAK,1)*DURSHT*VLEAKS*Stream_201,INDEX(RFLEAK,2)*DURSHT*VLEAKS*Stream_201),0)
95	= F[DIM_6=4,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VLEAKS*Stream_201,INDEX(RFLEAK,2)*DURSHT*VLEAKS*Stream_201),0)
	=IF(DIM_6=4,IF(OR(DIM_19=3,DIM_19=5),INDEX(RFLEAK,1)*DURSHT*VLEAKS*Stream_201,INDEX(RFLEAK,2)*DURSHT*VLEAKS*Stream_201),0)
	=IF(DIM_6=4,IF(DR(DIM_19=3,DIM_19=5),INDEX(RFLEAK,1)*DURSHT*VLEAKS*Stream_201,INDEX(RFLEAK,2)*DURSHT*VLEAKS*Stream_201),0)
	=IF(DIM_6=4,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VLEAKS*Stream_201,INDEX(RFLEAK,2)*DURSHT*VLEAKS*Stream_201),0)
	==F(DIM_6=4,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VLEAKS*Stream_201,INDEX(RFLEAK,2)*DURSHT*VLEAKS*Stream_201,0)
	=iF(DIM_6=4,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VLEAKS*Stream_201,INDEX(RFLEAK,2)*DURSHT*VLEAKS*Stream_201),0) =iF(DIM_6=4,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VLEAKS*Stream_201,INDEX(RFLEAK,2)*DURSHT*VLEAKS*Stream_201),0)
	=iF[DIM_6=4,IF[DIM_16=3,DIM_16=5],INDEX[RFLEAK,1]*DURSHT*VLEAKS*SU88M_201,INDEX[RFLEAK,2]*DURSHT*VLEAKS*SU88M_201],0]
	FIGURE 6-4. IF(ORIGINE 19-3. DIM 19-5). INDEX.RFLEAK. 1)*DURSHT*VLEAKS*Stream 201, INDEX.RFLEAK.2)*DURSHT*VLEAKS*Stream 201, INDEX.RFLEAK.2)*DURSHT*VLEAKS*Stream 201, INDEX.RFLEAK.2)*DURSHT*VLEAKS*Stream 201, INDEX.RFLEAK.3)*DURSHT*VLEAKS*Stream 201, INDEX.RFLEAKS*Stream 201, INDEX.RFLEAKS*STR
	=IFIDIM 6-4.IFIORIDIM 19-3.DIM 18-5).INDEX(RFLEAK,1)*DURSHT*VLEAKS*Stream 201,INDEX(RFLEAK,2)*DURSHT*VLEAKS*Stream 201).0)
705	=IFIDIM_6-4.IF(DR(DIM_18=3.DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VLEAKS*Stream_201,INDEX(RFLEAK,2)*DURSHT*VLEAKS*Stream_201),0)
106	=IF(DIM_6=4,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VLEAKS*Stream_201,INDEX(RFLEAK,2)*DURSHT*VLEAKS*Stream_201],0)
107	
TUB	
110	
	=IF[DIM_7=4.IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VLEAKC*Stream_3,INDEX(RFLEAK,2)*DURSHT*VLEAKC*Stream_3),0)
	-IF(DIM_7=4.IF(OR(DIM_18=3.DIM_18=5).INDEX(RFLEAK.1)*DURSHT*VLEAKC*Stream_3.INDEX(RFLEAK.2)*DURSHT*VLEAKC*Stream_31.0)
	=IF(DIM_7=4,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VLEAKC*Stream_3,INDEX(RFLEAK,2)*DURSHT*VLEAKC*Stream_3),0)
	=IF(DIM_7=4,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VLEAKC*Stream_3,INDEX(RFLEAK,2)*DURSHT*VLEAKC*Stream_3),0)
	=IF(DIM_7=4,IF(OR(DIM_19=3,DIM_19=5),INDEX(RFLEAK,1)*DURSHT*VLEAKC*Stream_3,INDEX(RFLEAK,2)*DURSHT*VLEAKC*Stream_3),0)
	=IF(DIM_7=4,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VLEAKC*Stream_3,INDEX(RFLEAK,2)*DURSHT*VLEAKC*Stream_3),0)
	=IF(DIM_7=4,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VLEAKC*Stream_3,INDEX(RFLEAK,2)*DURSHT*VLEAKC*Stream_3),0) =IF(DIM_7=4,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VLEAKC*Stream_3,INDEX(RFLEAK,2)*DURSHT*VLEAKC*Stream_3),0)
	=IF(DIM_7=4,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VLEAKC*Stream_3,INDEX(RFLEAK,2)*DURSHT*VLEAKC*Stream_3),0)
	-IF(DIM_7-4.IF(OR(DIM_18-3.DIM_18-5),INDEX(RFLEAK_1)*DURSHT*VLEAKC*Stream_3,INDEX(RFLEAK_2)*DURSHT*VLEAKC*Stream_3),0)
	=IF(DIM_7=4,IF(DR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VLEAKC*Stream_3,INDEX(RFLEAK,2)*DURSHT*VLEAKG*Stream_3),0)
	=IF(DIM_7=4,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VLEAKC*Stream_3,INDEX(RFLEAK,2)*DURSHT*VLEAKC*Stream_3),0)
	=IF(DIM_7=4,IF(OR(DIM_18=3,DIM_16=5),INDEX(RFLEAK,1)*DURSHT*VLEAKC*Stream_3,INDEX(RFLEAK,2)*DURSHT*VLEAKC*Stream_3),0)
124 125	
125	
127	FAK
	=IF(DIM_8=4,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VLEAKC*Stream_7,INDEX(RFLEAK,2)*DURSHT*VLEAKC*Stream_7),0}
	-IF(DIM_8=4,IF(DR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VLEAKC*Stream_7,INDEX(RFLEAK,2)*DURSHT*VLEAKC*Stream_7),0)
130	=IF(DIM_8=4,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VLEAKC*Stream_7,INDEX(RFLEAK,2)*DURSHT*VLEAKC*Stream_7),0)
	=IF(DIM_8=4,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VLEAKC*Stream_7,INDEX(RFLEAK,2)*DURSHT*VLEAKC*Stream_7),0)
	=IF(DIM_8=4,IF(DR(DIM_48=3,DIM_48=5),INDEX(RFLEAK,1)*DURSHT*VLEAKC*Stream_7,INDEX(RFLEAK,2)*DURSHT*VLEAKC*Stream_7),0)
	=IF(DIM_8=4,IF(DR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VLEAKC*Stream_7,INDEX(RFLEAK,2)*DURSHT*VLEAKC*Stream_7),0) =IF(DIM_8=4,IF(DR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VLEAKC*Stream_7,INDEX(RFLEAK,2)*DURSHT*VLEAKC*Stream_7),0)
	=iF(DIM_8=4,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSH1*VLEAKC*Stream_7,INDEX(RFLEAK,2)*DURSH1*VLEAKC*Stream_7),0)
	=IF(DIM_8=4,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VLEAKC*Stream_7,INDEX(RFLEAK,2)*DURSHT*VLEAKC*Stream_7),0}
	-IF(DIM_8-4.IF(OR(DIM_18-3.DIM_18-5).INDEX(RFLEAK_1)*DURSHT*VLEAKC*Stream_7,INDEX(RFLEAK_2*DURSHT*VLEAKC*Stream_7).0]
138	=IF(DIM_8=4,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VLEAKC*Stream_7,INDEX(RFLEAK,2)*DURSHT*VLEAKC*Stream_7),0)
	=iF[DIM_8=4,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VLEAKC*Stream_7,INDEX(RFLEAK,2)*DURSHT*VLEAKC*Stream_7),0)
	=IF(DIM_8=4,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VLEAKC*Stream_7,INDEX(RFLEAK,2)*DURSHT*VLEAKC*Stream_7),0)
141	
143	
144	LEAK
	=IF(DIM_9=4,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VLEAKC*Stream_7,INDEX(RFLEAK,2)*DURSHT*VLEAKC*Stream_7),0)
	=IF(DIM_9=4,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VLEAKC*Stream_7,INDEX(RFLEAK,2)*DURSHT*VLEAKC*Stream_7,0)
147	=IF(DIM_9=4,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VLEAKC*Stream_7,INDEX(RFLEAK,2)*DURSHT*VLEAKC*Stream_7),0)
	=IF(DIM_9=4,IF(DR(DIM_19=3,DIM_19=5),INDEX(RFLEAK,1)*DURSHT*VLEAKC*Stream_7,INDEX(RFLEAK,2)*DURSHT*VLEAKC*Stream_7),0)
149	=IF[DIM_9=4,IF[OR[DIM_19=3,DIM_18=5],INDEX[RFLEAK.1]*DURSHT*VLEAKC*Stream_7,INDEX[RFLEAK.2]*DURSHT*VLEAKC*Stream_7),0}
	=IF(DIM_9=4.IF(OR(DIM_19=3.DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VLEAKC*Stream_7,INDEX(RFLEAK,2)*DURSHT*VLEAKC*Stream_7],0)
	=IF(DIM_9=4,IF(OR(DIM_18=3,DIM_18=5).INDEX(RFLEAK,1)*DURSHT*VLEAKC*Stream_7,INDEX(RFLEAK,2)*DURSHT*VLEAKC*Stream_7),0) =IF(DIM_9=4,IF(OR(DIM_18=3,DIM_18=5).INDEX(RFLEAK,1)*DURSHT*VLEAKC*Stream_7,INDEX(RFLEAK,2)*DURSHT*VLEAKC*Stream_7),0)

	Q
177	=IF(DIM_\$=5,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFVENT,1)*DURLING*G74:G86,INDEX(RFVENT,2)*DURLING*G74:G86),0)
78	=iF(DIM_S=5,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFVENT,1)*DURLNG*G74:G86,INDEX(RFVENT,2)*DURLNG*G74:G86),0)
79	=IF(DIM_6=5,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFVENT,1)*DURLNG*G74:G86,INDEX(RFVENT,2)*DURLNG*G74:G86),0}
80	=IF(DIM_6=5,IF(OR(DIM_19=3,DIM_19=5),INDEX(RFVENT,1)*DURLNG*G74:G86,INDEX(RFVENT,2)*DURLNG*G74:G86),0)
81	=IF(DIM_6=5,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFVENT,1)*DURLNG*G74:G86,INDEX(RFVENT,2)*DURLNG*G74:G86),0)
8Z	=IF(DIM_\$=5,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFVENT,1)*DURLNG*G74:G86,INDEX(RFVENT,2)*DURLNG*G74:G86,IO)
83	=IF(DIM_6=5,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFVENT,1)*DURLNG*G74:G86,INDEX(RFVENT,2)*DURLNG*G74:G86),0) =IF(DIM_8=5,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFVENT,1)*DURLNG*G74:G86,INDEX(RFVENT,2)*DURLNG*G74:G86),0)
85	=iF(DIM_9=5,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFVENT,1)*DURLNG*G74:G86,INDEX(RFVENT,2)*DURLNG*G74:G86,IO)
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87	at tour and to desire a transfer at the second and the second at the sec
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92	•
93	VENTING
34	-IF(DIM_6-5,IF(DR(DIM_18-3,DIM_19-5),INDEX(RFVENT,1)*DURLNG*G94:G106,INDEX(RFVENT,2)*DURLNG*G94:G106),0) -IF(DIM_6-5,IF(DR(DIM_18-3,DIM_18-5),INDEX(RFVENT,1)*DURLNG*G94:G106,INDEX(RFVENT,2)*DURLNG*G94:G106),0)
35	=IF(DIM_6=5,IF(DR(DIM_18=3,DIM_18=5),INDEX(RFVENT,1)*DURLING*G94:G106,INDEX(RFVENT,2)*DURLING*G9596*G106,INDEX(RFVENT,2)*DURLING*G9596*G106,INDEX(RFVENT,2)*DURLING*G9596*G106,INDEX(RFVENT,2)*DURLING*G9596*G106,INDEX(RFVENT,2)*DURLING*G94:G106,INDEX(RFVENT,2)*DURLING*G94:G106,INDEX(RFVENT,2)*DURLING*G94:G106,INDEX(RFVENT,2)*DURLING*G94:G106,INDEX(RFVENT,2)*DURLING*G9696*G106,INDEX(RFVENT,2)*DURLING*G9696*G106,INDEX(RFVENT,2)*DURLING*G966*G106,INDEX(RFVENT,2)*
97	==F[DMM_6=5,IF[DR(DIM_18=3,DIM_18=5),INDEX(RFVENT,1)*DURLNG*G94:3106,INDEX(RFVENT,2)*DURLNG*G94:3106),0)
98	-IF(DIM_6-5,IF(DR(DIM_18-3,DIM_18-5),INDEX(RFVENT,1)*DURLNG*G94:G106,INDEX(RFVENT,2)*DURLNG*G94:G106),0}
99	=IF(DIM_6=5,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFVENT.1)*DURLING*(394:G106,INDEX(RFVENT.2)*DURLING*G94:G106),0)
טטדו	-IFIDIM 6-5.IFIORIDIM 18-3.DIM 18-5).INDEX(RFVENT,1)*DURLNG*394:G106,INDEX(RFVENT,2)*DURLNG*G94:G106),0)
דטד	=IF(DIM_6=5,IF(OR(DIM_19=3,DIM_19=5),INDEX(RFVENT,1)*DURLNG*(394:G106,INDEX(RFVENT,2)*DURLNG*G94:G106),0)
102	##FIDIM_6=5,IF(OR/DIM_19=3,DIM_19=5),INDEX(RFVENT,1)*DURLNG*394:G106,INDEX(RFVENT,2)*DURLNG*G94:G106,IO)
103	=IF(DIM_6=5,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFVENT,1)*DURLING*(394:G106,INDEX(RFVENT,2)*DURLING*G94:G106),0)
104	=IF(DIM_6=5,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFVENT,1)*DURLNG*394:3196,INDEX(RFVENT,2)*DURLNG*G94:3196),0)
	=IF(DIM_6=5,IF(OR/DIM_19=3,DIM_19=5),INDEX/RFVENT,1)*DURLING*(394:G106,INDEX/RFVENT,2)*DURLING*(G94:G106),0)
	=IF(DIM_6=5,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFVENT,1)*DURLNG*(394:G106,INDEX(RFVENT,2)*DURLNG*G94:G106),0)
107	The second secon
109	
	VENTING
	=#F(DIM_7=5,#F(DR(DIM_19=3,DIM_19=5),!NDEX(RFVENT,1)*DURLNG*G111:G123,!NDEX(RFVENT,2)*DURLNG*G111:G123),0)
	=IF(DIM_7=5,IF(OR(DIM_18=3,DIM_19=5),INDEX(RFVENT,1)*DURLNG*G111:G123,INDEX(RFVENT,2)*DURLNG*G111:G123,IO
113	=IF(DIM_7=5,IF(OR(DIM_18=5,DIM_18=5),INDEX(RFVENT,1)*DURLNG*3111:G123,INDEX(RFVENT,2)*DURLNG*3111:G123,IO
	-iF(DIM_7-6,IF(OR(DIM_18-3,DIM_18-5),INDEX(RFVENT,1)*DURLNG*G111:G123,INDEX(RFVENT,2)*DURLNG*G111:G123),0)
	=IF(DIM_7=5,IF(OR(DIM_18=3,DIM_18=5),INDEX(RPVENT,1)*DURLNG*G111:0123,INDEX(RFVENT,2)*DURLNG*G111:0123),0)
	=iF(DIM_7=5,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFVENT,1)*DURLNG*G111:G123,INDEX(RFVENT,2)*DURLNG*G111:G123),0) =IF(DIM_7=5,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFVENT,1)*DURLNG*G111:G123,INDEX(RFVENT,2)*DURLNG*G111:G123),0)
	=IF(DIM_7=5,IF(DR(DIM_18=3,DIM_18=5),INDEX(RFVENT,1)*DURLING*G111:G123,INDEX(RFVENT,2)*DURLING*G111:G123),0)
	=IF(DIM 7=5,IF(DRIDIM 18=3,DIM 18=5),INDEX(RFVENT,1)*DURLING*6111:0123,INDEX(RFVENT,2)*DURLING*6111:0123,IND
	=IF(DIM 7=5,IF(OR(DIM 19=3,DIM 19=5,INDEX(RFVENT,1)*DURLNG*G111:G123,INDEX(RFVENT,2)*DURLNG*G111:G123,I0)
	=IF(DIM_7=5,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFVENT,1)*DURLNG*G111:G123,INDEX(RFVENT,2)*DURLNG*G111:G123],0)
	=IF(DIM_7=5,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFVENT,1)*DURLNG*G111:G123,INDEX(RFVENT,2)*DURLNG*G111:G123),0)
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125	
126	
	VENTING
	==F(DIM_8==5,F)OR(DIM_18=3,DIM_18=5),INDEX/RPVENT.1)*DURLING*G128:G140,INDEX/RFVENT.2)*DURLING*G128:G140),0)
	=IF(DIM_8=5,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFVENT,1)*DURLNG*G128:G140,INDEX(RFVENT,2)*DURLNG*G128:G140),0) =IF(DIM_8=5,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFVENT,1)*DURLNG*G128:G140,INDEX(RFVENT,2)*DURLNG*G128:G140),0)
	=1F(DIM_8=5,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFVENT,1)*DURLING*G128:G140,INDEX(RFVENT,2)*DURLING*G128:G140),0)
	=1F(DIM_8=5,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFVENT,1)*DURLNG*G128:G140,INDEX(RFVENT,2)*DURLNG*G128:G140),0)
	=iF(DIM_8=5,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFVENT,1)*DURLNG*G128:G140,INDEX(RFVENT,2)*DURLNG*G128:G140,IO)
	=IF(DIM 8=5,IF(OR)DIM 18=3,DIM 18=5),INDEX(RFVENT,1)*DURLING*G128:G140,INDEX(RFVENT,2)*DURLING*G128:G140),0)
	=iF(DIM 8=5,IF(OR(DIM 18=3,DIM 18=5),INDEX(RFVENT,1)*DURLNG*G128:G140,INDEX(RFVENT,2)*DURLNG*G128:G140),0)
	=IF(DIM_8-5,IF(OR(DIM_18-3,DIM_18-5),INDEX(RFVENT,T)*DURLNG*G128:G140,INDEX(RFVENT,2)*DURLNG*G128:G140),0)
	=IF(DIM_8=5,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFVENT,1)*DURLNG*G128:G140,INDEX(RFVENT,2)*DURLNG*G128:G140),0)
	=IF(DIM_8=5,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFVENT,1)*DURLNG*G128:G140,INDEX(RFVENT,2)*DURLNG*G128:G140),0)
	=IF(DIM_8=5,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFVENT.1)*DURLNG*G128:G140,INDEX(RFVENT,2)*DURLNG*G128:G140),0)
140	=IF(DIM_\$=5,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFVENT,1)*DURLNG*G128:G140,INDEX(RFVENT,2)*DURLNG*G128:G140),0)
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143	
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	IFF(DIM 9=5,IF(OR(DIM 19=3,DIM 19=5),INDEX(RFVENT,1)*DURLING*G145:G157,INDEX(RFVENT,2)*DURLING*G145:G157),0)
	=IF(DIM 9=5,IF(DR(DIM 18=3,DIM 18=5),INDEX(RFVENT,1)*DURLNG*G145:G157,INDEX(RFVENT,2)*DURLNG*G145:G157),0)
	-IF(DIM_9-5,IF(OR(DIM_18-3,DIM_18-5),INDEX(RFVENT,1)*DURLNG*G145:G157,INDEX(RFVENT,2)*DURLNG*G145:G157),0)
148	-IF(DIM_8-5,IF(OR(DIM_18-3,DIM_18-5),INDEX(RFVENT,1)*DURLNG*G145:G157,INDEX(RFVENT,2)*DURLNG*G145:G157),0)
	-(F(DIM_9-5,IF(OR(DIM_19-3,DIM_19-5),INDEX(RFVENT.1)*DURLNG*G145:G157,INDEX(RFVENT.2)*DURLNG*G145:G157),0)
	-iF(DIM_9=5,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFVENT,1)*DURLING*G145:G157,INDEX(RFVENT,2)*DURLING*G145:G157),0)
	=IF(DIM_9=5,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFVENT,1)*DURLNG*G145;G157,INDEX(RFVENT,2)*DURLNG*G145;G157),0)
102	-IF(DIM_9-5,IF(OR(DIM_18-3,DIM_18-5),INDEX(RFVENT,1)*DURLNG*G145:G157,INDEX(RFVENT,2)*DURLNG*G145:G157),0)

	R
	-IF(DIM_6-6,IF(OR(DIM_18-3,DIM_18-5),INDEX(RFLEAK,1)*DURSHT*VUCRSPL*Stream_3,INDEX(RFLEAK,2)*DURSHT*VUCRSPL*Stream_3,0)
/9	=F(DIM_6=8,F(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VUCRSPL*Stream_3,INDEX(RFLEAK,2)*DURSHT*VUCRSPL*Stream_3,0) =F(DIM_6=6,F(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VUCRSPL*Stream_3,INDEX(RFLEAK,2)*DURSHT*VUCRSPL*Stream_3,0)
80	=#F(DIM_6=4,IF(OR(DIM_18=3,DIM_18=5).INDEX(RFLEAK,1)*DURSHT*VUCRSPL*Stream_3,INDEX(RFLEAK,2)*DURSHT*VUCRSPL*Stream_3,0)
	=#F(DIM_6=6,IF(OR(DIM_18=3,DIM_19=5).HIDEX(RFLEAK,1)*DURSHT*YUCRSPL*Stream_3,INDEX(RFLEAK,2)*DURSHT*VUCRSPL*Stream_3,0) =IF(DIM_6=6,IF(OR(DIM_18=3,DIM_19=5).HIDEX(RFLEAK,1)*DURSHT*VUCRSPL*Stream_3,INDEX(RFLEAK,2)*DURSHT*VUCRSPL*Stream_3,0)
	#F(DM_6-6,F(OR(DM_18-3,DM_18-5),MDEX(RFLEAK,1)*DURSHT*VUCRSPL*Stream_3,MDEX(RFLEAK,2)*DURSHT*VUCRSPL*Stream_3,0)
	GF(DIM_6=6,F(OR(DIM_18=3,DIM_18=5,INDEX(RFLEAK,1)*DURSHT*VUCRSPL*Stream_3,INDEX(RFLEAK,2)*DURSHT*VUCRSPL*Stream_3)*VUCRS*Stream_3,0) GF(DIM_5=6,F(OR(DIM_18=3,DIM_18=5,INDEX(RFLEAK,1)*DURSHT*VUCRSPL*Stream_3,INDEX(RFLEAK,2)*DURSHT*VUCRSPL*Stream_3,0) GF(DIM_5=6,F(OR(DIM_18=3,DIM_18=5,INDEX(RFLEAK,1)*DURSHT*VUCRSPL*Stream_3,INDEX(RFLEAK,2)*DURSHT*VUCRSPL*Stream_3,0) GF(DIM_5=6,F(OR(DIM_18=3,DIM_18=5,INDEX(RFLEAK,1)*DURSHT*VUCRSPL*Stream_3,INDEX(RFLEAK,2)*DURSHT*VUCRSPL*Stream_3,0) GF(DIM_5=6,F(OR(DIM_18=3,DIM_18=5,INDEX(RFLEAK,1)*DURSHT*VUCRSPL*Stream_3,INDEX(RFLEAK,2)*DURSHT*VUCRSPL*Stream_3,0) GF(DIM_5=6,F(OR(DIM_18=3,DIM_18=5,INDEX(RFLEAK,1)*DURSHT*VUCRSPL*Stream_3,INDEX(RFLEAK,2)*DURSHT*VUCRSPL*Stream_3,0) GF(DIM_5=6,F(OR(DIM_18=3,DIM_18=5,INDEX(RFLEAK,1)*DURSHT*VUCRSPL*Stream_3,INDEX(RFLEAK,2)*DURSHT*VUCRSPL*Stream_3,0) GF(DIM_5=6,F(OR(DIM_18=3,DIM_18=5,INDEX(RFLEAK,1)*DURSHT*VUCRSPL*Stream_3,INDEX(RFLEAK,2)*DURSHT*VUCRSPL*STREAM_3,INDEX(RFLEAK,2)*DURSHT*VUCRSPL*STREAM_3,INDEX(RFLEAK,2)*DURSHT*VUCRSPL*STREAM_3,INDEX(RFLEAK,2)*DURSHT*VUCRSPL*STREAM_3,INDEX(RFLEAK,2)*DURSHT*VUCRSPL*STREAM_3,INDEX(
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126	UNCD RCN
128	#F(DIM 8=6, F(OR/DIM 18=5), NDEX/RFLEAK 1)*DURSHT*Stream 7*VUCRSPLINDEX/RFLEAK 2)*DURSHT*Stream 2
129	#F(DM_6=6,F(OR(DM_16=3,DM_16=5,INDEX(RFLEAK,1)*DURSHT*Stream_7*VUCRSPL,INDEX(RFLEAK,2)*DURSHT*Stream_7*VUCRSPL)*VUCRC*Stream_7,0)
[131]	#F(DIM_8=8.IF(OR(DIM_19=3,DIM_19=5).INDEX(RFLEAK,1)*DURSHT*Stream 7*VUCRSPLINDEX(RFLEAK,2)*DURSHT*Stream 7*VUCRSPLINVUCRC*Stream 7.0)
132	#F(DM_9=6,F(OR(DM_19=3,DM_19=5),INDEX(RFLEAK,1)*DURSHT*Stream 7*VUCRSPLENDEX(RFLEAK,2)*DURSHT*Stream 7*VUCRSPLI-VUCRC*Stream 7.0)
134	#F(DIM_S=8JF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*Stream_T*VUCRSPL_INDEX(RFLEAK,2)*DURSHT*Stream_T*VUCRSPL_I*VUCRC*Stream_T,0) #F(DIM_S=8JF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*Stream_T*VUCRSPL_INDEX(RFLEAK,2)*DURSHT*Stream_T*VUCRSPL_I*VUCRC*Stream_T,0)
135	#F(DIM_8=8,F(DR(DIM_19=3,DIM_19=5),INDEX(RFLEAK,1)*DURSHT*Stream_7*VUCRSPL,INDEX(RFLEAK,2)*DURSHT*Stream_7*VUCRSPL,I+VUCRC*Stream_7.0)
736	#F(DIM_S=6,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*Stream_7*VUCRSPL,INDEX(RFLEAK,2)*DURSHT*Stream_7*VUCRSPL)*VUCRC*Stream_7,0) #F(DIM_S=6,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*Stream_7*VUCRSPL,INDEX(RFLEAK,2)*DURSHT*STREAM_7*DUR
130	#F(DM_8=8,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*Stream 7*VUCRSPLINDEX(RFLEAK,2)*DURSHT*Stream 7*VUCRSPLINDEX(RFLEAK,2)*DURSHT
139	#F(DIM_8=6.IF(OR(DIM_18=5,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*Stream_7*VUCRSPL_INDEX(RFLEAK,2)*DURSHT*Stream_7*VUCRSPLI+VUCRC*Stream_7.6)
141	#F(DIM_8=6,IF(OR(DIM_19=3,DIM_19=5),INDEX(RFLEAK,1)*DURSHT*Stream_7*VUCRSPL_INDEX(RFLEAK,2)*DURSHT*Stream_7*VUCRSPL)*VUCRC*Stream_7,0)
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143	UNCO RCN
145	HF(DIM S-6,IF(OR(DIM 19-3,DIM 19-5),INDEX(RFLEAK,1)*DURSHT*VUCRSPL*Stream 7.INDEX(RFLEAK,2)*DURSHT*VUCRSPL*Stream 7.INDEX(RFLE
140	#F(DIM_8=6,F(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VUCRSPL*Stream 7,INDEX(RFLEAK,2)*DURSHT*VUCRSPL*Stream 7,DVLCRC*Stream 7,DV
148	#F(DIM_9=6,IF(OR(DIM_18=3,DIM_18=5).INDEX(RFLEAK,1)*DURSHT*VUCRSPL*Stream_7,INDEX(RFLEAK,2)*DURSHT*VUCRSPL*Stream_7,0) #F(DIM_9=6,IF(OR(DIM_18=3,DIM_18=5).INDEX(RFLEAK,1)*DURSHT*VUCRSPL*Stream_7,0)
143	-F(DM 9-6,F(OR(DM 18-3,DM 18-5,INDEX(RFLEAK.1PDURSHT-VUCRSPL"Stream 7,MDEX(RFLEAK.2PDURSHT-VUCRSPL"Stream 7,6\)
1150	-F(DIM_0-6,F(OR(OIM_18-5,DIM_18-5,DIMOEX(RFLEAK-1)*DURSHT*VUCRSPL*Stream_TINDEX(RFLEAK-2)*DURSHT*VUCRSPL*Stream_TINVUCRS
152	#F(DIM_0=6,IF(OR(DIM_18=3,DIM_18=5).INDEX(RFLEAK,1)*DURSHT*VUCRSPL*Stream_7,INDEX(RFLEAK,2)*DURSHT*VUCRSPL*Stream_7;0) #F(DIM_0=6,IF(OR(DIM_18=3,DIM_18=5).INDEX(RFLEAK,1)*DURSHT*VUCRSPL*Stream_7,0)
-	, manuful sease, ponent source attent protection (,0)

	s
 	=IF(DIM_5=7,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_3*INDEX(RFL!EAK,1)*DURSHT,VOVFL*Stream_3*INDEX(RFLEAK,2)*DURSHT),0}
78	=IF(DIM 5=7,IF(OR(DIM 18=3,DIM 18=5),VOVFL*Stream_3*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_3*INDEX(RFLEAK,2)*DURSHT),0)
79	=IF(DIM_8=7,IF(DR(DIM_18=3,DIM_18=5),VOVFL*Stream_3*INDEX(RFLIEAK,1)*DURSHT,VOVFL*Stream_3*INDEX(RFLEAK,2)*DURSHT).0)
	=IF(DIM_5=7,IF(OR(DIM_10=3,DIM_10=5),VOVFL*Stream_3*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_3*INDEX(RFLEAK,2)*DURSHT),0)
	=IF(DIM_5=7,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_3*INDEX(RFLIEAK,1)*DURSHT,VOVFL*Stream_3*INDEX(RFLEAK,2)*DURSHT],0)
04	=IF(DIM_5=7,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_3*INDEX(RFLIEAK,1)*DURSHT,VOVFL*Stream_3*INDEX(RFLEAK,2)*DURSHT),0) =IF(DIM_5=7,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_3*INDEX(RFLIEAK,1)*DURSHT,VOVFL*Stream_3*INDEX(RFLEAK,2)*DURSHT),0)
	=#F(DIM_5=7,IF(OR(DIM_10=3,DIM_10=5),VOVFL*Stream_3*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_3*INDEX(RFLEAK,2)*DURSHT).0)
85	=#FIDIM 5-7.IF(ORIDIM 19-3.DIM 19-5),VOVFL*Stream 3*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_3*INDEX(RFLEAK,2)*DURSHT),0)
	=IF[DIM_5=7,IF[OR(DIM_18=3,DIM_18=5),VOVFL*Stream_3*INDEX(RFLIEAX,1)*DURSHT,VOVFL*Stream_3*INDEX(RFLEAX,2)*DURSHT),0)
87	
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	OVERFLOW
94	=IF(DIM_6=6,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_201*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_201*INDEX(RFLEAK,2)*DURSHT).0)
95	#IF(DIM 6=6.IF(OR(DIM 18=3.DIM 18=5), VOVFL*Stream_201*INDEX(RIFLEAK,1)*DURSHT, VOVFL*Stream_201*INDEX(RFLEAK,2)*DURSHT), 0)
96	=IF(DIM_6=6,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_201*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_201*INDEX(RFLEAK,2)*DURSHT).0)
97	=IF(DIM_6=6,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_201*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_201*INDEX(RFLEAK,2)*DURSHT),0)
30	=IF(DIM_6=5,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_201*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_201*INDEX(RFLEAK,2)*DURSHT),0)
	=IF(DIM_6=6,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_201*INDEX(RIFLEAK,1)*DURSHT,VOVFL*Stream_201*INDEX(RFLEAK,2)*DURSHT),0) =IF(DIM_6=6,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_201*INDEX(RIFLEAK,1)*DURSHT,VOVFL*Stream_201*INDEX(RIFLEAK,2)*DURSHT),0)
	=IF(DIM_6=6,IF(OR(DIM_16=3,DIM_16=5),VOVFL*Stream_201*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_201*INDEX(RFLEAK,2)*DURSHT),0)
	#FIDIM 6-6, FORDIM 19-3, DIM 19-5), VOVFL*Stream 201*INDEX(RFLEAK, 1)*DURSHT, VOVFL*Stream 201*INDEX(RFLEAK, 2)*OURSHT, J.)
	=F[DIM_6+6,IF[OR(DIM_19=3,DIM_18=5),VOVFL*Stream_201*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_201*INDEX(RFLEAK,2)*DURSHT],0)
	=IF(DIM_6=6,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_201*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_201*INDEX(RFLEAK,2)*DURSHT),0)
	=IF(DIM_6=6,IF(DR(DIM_18=3,DIM_18=5),VOVFL*Stream_201*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_201*INDEX(RFLEAK,2)*DURSHT),0)
	=IF(DIM_6=6,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_201*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_201*INDEX(RFLEAK,2)*DURSHT),0)
107 801	
109	
	OVERFLOW
111	=IF(DIM_7=6.IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_3*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_3*INDEX(RFLEAK,2)*DURSHT).0)
	=iF(DIM_7=6.IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_3*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_3*INDEX(RFLEAK,2)*DURSHT),0)
	=IF(DIM_7=6,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_3*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_3*INDEX(RFLEAK,2)*DURSHT),0)
	=if(DIM_7=6.IF(OR(DIM_18=3.DIM_18=5),VOVFL*Stream_3*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_3*INDEX(RFLEAK,2)*DURSHT),0) =if(DIM_7=6.IF(OR(DIM_18=3.DIM_18=5),VOVFL*Stream_3*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_3*INDEX(RFLEAK,2)*DURSHT),0)
	=IF(DIM_7=6,IF(DR(DIM_18=3,DIM_18=5),VOVFL*Stream_3*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_3*INDEX(RFLEAK,2)*DURSHT),0)
	=IF(DIM_7=5,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_3*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_3*INDEX(RFLEAK,2)*DURSHT),0)
	=IF(DIM_7=6,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_3*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_3*INDEX(RFLEAK,2)*DURSHT),0)
	=IF(DIM_7=6,IF(OR(DIM_19=3,DIM_19=5),VOVFL*Stream_3*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_3*INDEX(RFLEAK,2)*DURSHT),0)
	=IF(DIM_7=6,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_3*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_3*INDEX(RFLEAK,2)*DURSHT),0)
	=IF(DIM_7=6,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_3*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_3*INDEX(RFLEAK,2)*DURSHT),0)
	=IF(DIM_7~6,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_3*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_3*INDEX(RFLEAK,2)*DURSHT),0) =IF(DIM_7=6,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_3*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_3*INDEX(RFLEAK,2)*DURSHT),0)
124	- I four Latin for four Lia-dy sour Consulta was placed in Section 1. Section 1. Section 2. Section 1. Section 2. Section 1. Section 2. Section
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125	
	OVERFLOW
	=F(DIM_8=7,IF(OR(DIM_19=3,DIM_19=5),VOVFL*Stream_7*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_7*INDEX(RFLEAK,2)*DURSHT,0)
	=if(DIM_8=7,if(DR(DIM_18=3,DIM_18=5),VOVFL*Stream_7*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_7*INDEX(RFLEAK,2)*DURSHT),0) =if(DIM_8=7,if(DR(DIM_18=3,DIM_18=5),VOVFL*Stream_7*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_7*INDEX(RFLEAK,2)*DURSHT),0)
	=IF(DIM_8=7,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_7*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_7*INDEX(RFLEAK,2)*DURSHT),0)
	=F[DIM 8-7.IF[OR/DIM 18-3.DIM 18-5],VOVFL*Stream 7*INDEX/RFLEAK,1)*DURSHT,VOVFL*Stream 7*INDEX/RFLEAK,2)*DURSHT),0)
133	=IF(DIM_8=7,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_7*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_7*INDEX(RFLEAK,2)*DURSHT),0)
	=IF(DIM_8=7,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_7*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_7*INDEX(RFLEAK,2)*DURSHT),0)
	=IF(DIM_8=7,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_7*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_7*INDEX(RFLEAK,2)*DURSHT),0)
	-IF(DIM_8=7,IF(OR(DIM_18=3,DIM_18=5),VOYFL*Stream_7*INDEX(RFLEAK,1)*DURSHT,VOYFL*Stream_7*INDEX(RFLEAK,2)*DURSHT),0)
	=IF(DIM_8=7,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_7*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_7*INDEX(RFLEAK,2)*DURSHT),0) =IF(DIM_8=7,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_7*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_7*INDEX(RFLEAK,2)*DURSHT),0)
	= (Linux = 7.IF(ORIDIM_19=3.DIM_19=5).VOVFL*Stream_7:NDEX/RFI_EAX_(1)*DURSHT.VOVFL*Stream_7:NDEX/RFI_EAX_(2)*DURSHT.(0)
	=#F(DIM_8=7.IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_7*NDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_7*NDEX(RFLEAK,2)*DURSHT(,0)
141	
14 Z	
143	
	OVERFLOW
	=IF(DIM_9=7,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_7*INDEX(RFI,EAK,1)*DURSHT,VOVFL*Stream_7*INDEX(RFLEAK,2)*DURSHT),0) =IF(DIM_9=7,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_7*INDEX(RFI,EAK,1)*DURSHT,VOVFL*Stream_7*INDEX(RFI,EAK,2)*DURSHT),0)
	=F(DIM_9=7,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_7*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_7*INDEX(RFLEAK,2)*DURSHT),0)
	=IF(DIM 9-7.IF(OR(DIM 18-3.DIM 18-5),VOYFL*Stream 7*INDEX(RFLEAK,1)*DURSHT,VOYFL*Stream 7*INDEX(RFLEAK,2)*DURSHT,0)
	-IF(DIM 9-7.IF(OR(DIM 18-3.DIM 18-5),VOVFL*Stream 7*INDEX(RFI.EAK,1)*DURSHT,VOVFL*Stream 7*INDEX(RFLEAK,2)*DURSHT],0)
150	=IF(DIM_9=7.IF(OR(DIM_19=3.DIM_19=5),VOVFL*Stream_7*INDEX(RFI_EAK,1)*DURSHT,VOVFL*Stream_7*INDEX(RFLEAK,2)*DURSHT],0)
	=#F(DIM_9=7,IF(DR(DIM_19=3,DIM_19=5),VOVFL*Stream_7*INDEX(RFI_EAK_1)*DURSHT,VOVFL*Stream_7*INDEX(RFI_EAK_2)*DURSHT),0)
192	=iF(DIM_9=7,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_7*INDEX(RFI,EAK,1)*DURSHT,VOVFL*Stream_7*INDEX(RFLEAK,2)*DURSHT).0)

	T
1	=INDEX(SPCDF,0,DIM_16)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
78	=INDEX(SPCDF,0,DIM_16)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
	-INDEX(SPCDF,0,DIM_16)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
	=INDEX(SPCDF,0,DIM_16)"INDEX(VITDF,0,DIM_18)"INDEX(SNDDF,0,DIM_18)
	=INDEX(SPCDF,0,DIM_16)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
δZ	-INDEX(SPCDF,0,DIM_16)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
83 84	=INDEX(SPCDF,0,DIM_16)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) =INDEX(SPCDF,0,DIM_16)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
85	=INDEX(SPCDF,0,DIM_16)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) =INDEX(SPCDF,0,DIM_16)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
86	=INDEX(SPCDF,0,DIM_16)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
87	- Manager and Version 1. 1. Manager 1. Manag
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89	
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91	
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	=INDEX(SPCDF,0,DIM_16)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
95	=INDEX(SPCDF,0,DIM_16)*INDEX(VITDF,0,DIM_18)*INDEX(SNODF,0,DIM_18)
96	=INDEX(SPCDF,0,DIM_16)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
131	=INDEX(SPCDF,0,DIM_16)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
	-INDEX(SPCDF,0,DIM_16)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
99	=INDEX(SPCDF,0,DIM_16)*INDEX(VITOF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
	=INDEX(SPCDF,0,DIM_16)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
	=NDEX(SPCDF,0,DIM_16)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
	-INDEX(SPCDF,0,DIM_16)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
	=INDEX(SPCDF,0,DIM_16)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) =INDEX(SPCDF,0,DIM_16)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
	=INDEX(SPCDF,0,DIM_16)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
	-INDEX(SPCDF,0,DIM_16)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
107	
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110	
	=INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
	=INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) =INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
	=INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
113	=INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)*INDEX(SNODF,0,DIM_18)
116	=INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
777	=INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
	=INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
	MNDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
	=INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) =INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
177	=INDEX(CPCDF,0,DIM_15)*INDEX(VITOF,0,DIM_16)*INDEX(SNDDF,0,DIM_16)
723	=INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
124	
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126	
127	
	=INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
	=INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)*INDEX(\$NDDF,0,DIM_18)
	=INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) =INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
	=INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
	=INDEX(CPCDF,0,DIM 15)*INDEX(VITDF,0,DIM 18)*INDEX(SNDDF,0,DIM 18)
	=INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
135	=INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
	=INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
	=INDEX(CPCOF,0,DIM_15)*INDEX(VITOF,0,DIM_18)*INDEX(SNDOF,0,DIM_18)
	=INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
120	=INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) =INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
141	
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144	
	=INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
	=INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
	=INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
	<pre>=INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) =INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)</pre>
150	=INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) =INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
	=INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
	=INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)

	U	ΤV
77	"(H74:H86+J74;J86+L74;L86+M74:M86+O74;O86+P74;P86+Q74;Q86+R74;R86+S74;S86)/(T74:T86)	+
78	=(H74:H86+J74:J86+L74:L86+M74:M86+O74:O86+P74:P86+Q74:Q86+R74:R86+S74:S86)(T74:T86)	
	+(H74:H86+J74:J86+L74:L86+M74:M86+O74:O86+P74:P86+Q74:Q86+R74:R86+S74:S86y(T74:T86)	
	#(H74:H86+J74:J86+L74:L86+M74:M86+O74:O86+P74:P86+Q74:Q86+F;74:R86+S74:S86)/(T74:T86) #(H74:H86+J74:J86+L74:L86+M74:M86+O74:O86+P74:P86+Q74:Q86+F;74:R86+S74:S86)/(T74:T86)	
	=(H74:H86+J74:J86+L74:L86+M74:M86+O74:O86+P74:P86+Q74:Q86+R;74:R86+S74:S86y(174:186)	+
	=(H74:H86+J74:J86+L74:L86+M74:M86+O74:O86+P74:P86+Q74:O86+F74:R86+S74:S86;WT74:T86)	
84	=(H74:H86+J74:J86+L74:L86+M74:M86+O74:O86+P74:P86+Q74:Q86+F(74:R86+S74:S86)/(T74:T86)	
65	=(H74:H86+J74:J86+L74:L86+M74:M86+O74:O86+P74:P86+Q74:Q86+F(74:R86+S74:S86)/(T74:T86)	
87	=(H74:H86+J74:J86+L74:L86+M74:M86+O74:O86+P74:P86+Q74:Q86+R74:R86+S74:S86)(T74:T86)	
88		
89		
90		
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92		
	RELEASE =(H94:H106+J94:J106+L94:L106+M94:M106+O94:O106+P94:P106+Q94:Q106+R94:R106+S94:S106)/(T94:T106)	
	**(194:1106+194:1106+194:1106+194:M106+094:0106+P94:P106+Q94:Q106+R94:R106+S94:S106WT94:T106	
	#(H94:H106+J94:J106+L94:L106+M94:M106+O94:O106+P94:P106+Q94:Q106+R94:R106+S94:S106WT94:T106)	
97	-(H94:H106+J94:J106+L94:L106+M94:M106+O94:O106+P94:P106+Q94:Q106+R94:R106+S94:S106)(T94:T106)	
	=(H94:H106+J94:J106+L94:L106+M94:M106+O94:O106+P94:P106+Q94:Q106+R94:R106+S94:S106)/(T94:T106)	
	=(H94:H106+J94:J106+L94:L106+M94:M106+O94:O106+P94:P106+Q94:Q106+R94:R106+S94:S106)(T94:T106)	
	=(H94:H106+J94:H106+L94:L106+M94:M106+O94:O106+P94:P106+Q94:Q106+R94:R106+S94:S106)(T94:T106) =(H94:H106+J94:H106+L94:L106+M94:M106+O94:O106+P94:P106+Q94:Q106+R94:R106+S94:S106)(T94:T106)	+
	=(H94:H106+J94:H106+L94:L106+M94:M106+O94:O106+P94:P106+Q94:Q106+R94:R106+S94:S106V(T94:T106)	+
103	-H94:H106+J94:J106+L94:L106+M94:M106+O94:D106+P94:P106+Q94:Q106+R94:R106+S94:S106)7T94:T106	-
104	=(H94:H106+J94:J106+L94:L106+M94:M106+O94:O106+P94:P106+Q94:Q106+R94:R106+S94:S106)(T94:T106)	
	=(H94:H106+J94:J106+L94:L106+M94:M106+O94:O106+P94:P106+Q94:Q106+R94:R106+S94:S106)/(T94:T106)	
106	=(H94:H106+J94:J106+L94:L106+M94:M106+O94:O106+P94:P106+Q94:Q106+R94:R106+S94:S106)(T94:T106)	
108		
TÜĞ	PRBT	
טדד	RELEASE	+
777	-(H111:H123+J111:J123+L111:L123+M111:M123+O111:O123+P111:P123+Q111:Q123+R111:R123+S111:S123)(T111:T123)	—
112	=(H111:H123+J111:J123+L111:L123+M111:M123+O111:O123+P111:P123+Q111:Q123+R111:R123+S111:S123)(T111:T123)	
113	"(H111:H123+J111:J123+L111:L123+M111:M123+O111:O123+P111:P123+Q111:Q123+R111:R123+S111:S123)(T111:T123) "(H111:H123+J111:J123+L111:L123+M111:M123+O111:O123+P111:P123+Q111:Q123+R111:R123+S111:S123)(T111:T123)	
115	=(H111:H123+J111:J123+L111:L123+M111:M123+O111:O123+P111:P123+Q111:Q123+R111:R123+S111:S123)(F111:F123)	-
116	-(H111:H123+J111:J123+L111:L123+M111:M123+O111:O123+P111:P123+Q111:Q123+R111:R123+S111:S123)(T111:T123)	+
77/	=(H111:H123+J111:J123+L111:L123+M111:M123+O111:O123+P111:P123+Q111:Q123+R111:R123+S111:S123WT111:T123)	
118	=(H111:H123+J111:J123+L111:L123+M111:M123+O111:O123+P111:P123+Q111:Q123+R111:R123+S111:S123W7111:T123)	
119	"(H111:H123+J111:J123+L111:L123+M111:M123+O111:O123+P111:P123+Q111:Q123+R111:R123+S111:S123)(T111:T123)	
121	-(H111:H123+J111:J123+L111:L123+M111:M123+O111:O123+P111:P123+Q111:O123+R111:R123+S111:S123) -(H111:H123+J111:J123+L111:L123+M111:M123+O111:O123+P111:P123+Q111:O123+R111:R123+S111:S123)/7111:T123}	1
122	=(H111:H123+J111:J123+L111:L123+M111:M123+O111:O123+P111:P123+Q111:Q123+R111:R123+S111:S123)(F111:T123)	+
123	-(H111:H123+J111:J123+L111:L123+M111:M123+O111:O123+P111:P123+Q111:Q123+R111:R123+S111:S123)(T111:T123)	
124		
125		
126		
	RELEASE =(H128:H140+J128:J140+L128:L140+M128:M140+O128:D140+P128:P140+Q128:Q140+R128:R140+S128:S140)(T128:T140)	
129	=(H128:H140+J128:J140+L128:L140+M128:M140+O128:O140+P128:P140+Q128:Q140+R128:R140+S128:S140)(T128:T140)	+
130)	=(H128:H140+J128:J140+L128:L140+M128:M140+O128:O140+P128:P140+Q128:Q140+R128:R140+S128:S140)HT128:T140)	+
131	=(H128:H140+J128:J140+L128:L140+M128:M140+O128:O140+P128:P140+Q128:Q140+R128:R140+S128:S140WT128:T140)	
732	"(H128:H140+J128:J140+L128:L140+M128:M140+O128:O140+P128:P140+Q128:Q140+R128:R140+S128:S140WT128:T140)	
134	#(H128:H140+J128:J140+L128:L140+M128:M140+O128:O140+P128:P140+Q128:Q140+R128:R140+S128:S140)(T128:T140)	
135		
136	=(H128:H140+J128:J140+L128:L140+M128:M140+O128:O140+P128:P140+Q128:Q140+R128:R140+S128:S140)(1128:T140)	+
13/	"(H128:H140+J128:J140+L128:L140+M128:M140+O128:O140+P128:F140+Q128:Q140+R128:R140+S128:S140WT128:T140)	
138	#(H128:H140+J128:J140+L128:L140+M128:M140+O128:O140+P128:P140+Q128:Q140+R128:R140+S128:S140WT128:T140)	
739	=(H128:H140+J128:J140+L128:L140+M128:M140+O128:O140+P128:F140+Q128:Q140+R128:R140+S128:S140+F128:T140)	
141	-(H128:H140+J128:J140+L128:L140+M128:M140+O128:O140+P128:F140+Q128:Q140+R128:R140+S128:S140)(T128:T140)	
142		
143	SPAT	+
144	RELEASE	
145	"(H145:H157+J145:J157+L145:L157+M145:M157+O145:O157+P145:P157+Q145:Q157+R145:R157+S145:S157V(T145:T157)	
146	=(H145:H157+J145:J157+L145:L157+M145:M157+O145:O157+P145:P157+Q145:Q157+R145:R157+S145:S157V(T145:T157)	
747	=(H145:H157+J145:J157+L145:L157+M145:M157+O145:O157+P145:P157+Q145:Q157+R145:R157+S145:S157)(T145:T157) =(H145:H157+J145:J157+L145:L157+M145:M157+O145:O157+P145:P157+Q145:Q157+R145:R157+S145:S157)(T145:T157)	
129	=(H145:H157+J145:J157+L145:L157+M145:M157+O145:D157+P145:H157+Q145:Q157+R145:R157+S145:S157)(T145:T157)	
150	=(H145:H157+J145:J157+L145:L157+M145:M157+O145:O157+P145:P157+Q145:Q157+R145:R157+S145:S157)(T145:T157)	
100	(11140) 141 151 161 161 161 161 161 161 161 161 16	
751	=(H145:H157+J145:J157+L145:L157+M145:M157+O145:O157+P145:P157+Q145:Q157+R145:R157+S145:B157)(T145:T157) =(H145:H157+J145:J157+L145:L157+M145:M157+O145:O157+P145:P157+Q145:Q157+R145:R157+S145:B157)(T145:T157)	—

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177	CS137	1	
	CE144	1	1
79	PM147		1
	PU238	1	1
	PU239 PU240	1	1
	PU241	1	
	AM241	<u>i</u>	
	CM244	1	(
86			
87			
89	VIT. BLDG. DFS	VITOF	
	SR90	1	2
91	RU106	1	2
T9Z	CS134	•	2
93	CS137	1	2
94	CE144	1	2
30	PM147		2
	PU238 PU239	1	2
		1	2
99	PU241	1	2
שעד	AM241	1	2
	CM244	1	2
102 103			
	SAND FILTER DFS	SNDDF	
105		SNDUF	
106		1	1
107	RU106	1	1
	CS134		
<u>10a</u>		1	
שדר		1	1
112			1
113		1	1
774	PU240	1	
112	PU241	1	1
116		1	
118	CM244	1	1
TTE			
120	LPPP HEPA DFS	LPFLDF	
121		1	1
122	SR90	1	1
123		1	
125			1
126		1	
127	PM147	1	1
128	PU238	1	
129		1	1
131	PU240	1	
137	AM241	1	1
132 133	CM244	·	1
134			
735		`	
120		LPBDDF	
137 138	M3 SR90	1	1
139	RU106	1	1
140	CS134	<u>.</u>	<u> </u>
141	CS137	1	1
142	CE144	1	
143	PM147	1	
144 145	PU238	1	1
146	PU240	₹ {	
1147	PU241	<u>'i</u>	1
148	AM241	1	1
149	CM244	1	•
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151	CURIE BALANCE	Cylest	Cifeel
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80 i		
82 1		i
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54 1	1	
65 1		1
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91 i 92 i		1
93 1	2	<u>i</u>
94 11	2	1
95 11	2	1
96 1		
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108 200	1	200
TU9 200 T1U 200	1	200
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11/21200	1	200
113 200	1	200
T14 200	1	200
115 200 116 200	1	200
117/200	1	200
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1231	200	
123 1 124 1	200	
T25 1	200	
126 i 127 i	200	
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129 1	200	
130 i 131 i	200	
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1321	200	
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152	Ci/gal	Cigal	Cugai

November 1994

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213 214			
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218 219			
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224			
ZZ1 ZZZ ZZ3 ZZ4 ZZ5 ZZ5			
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227 228			
440			

	D	Ε	F	G
153			PU239	=\/SRAT*Stream_7
154			PU240	=VSRAT*Stream_7
155			PU241	=VSRAT*Stream_7
120			AM241	=VSRAT*Stream_7
15/			CM244	=VSRAT*Stream_7
158				
159				
161			MFT	BEG INV
162			Н3	=VMFT*Stream_7
163			SR90	=YMFT*Stream_7
164			RU106	=VMFT*Stream_7
165			CS134	=VMFT*Stream_7
100			CS137	=VMFT*Stream_7
167			CE144	=VMFT*Stream_7
168			PM147 - PU238	=VMFT*Stream_7 =VMFT*Stream_7
163 170			PU239	=VMFT*Stream_7
177			PU240	=VMFT*Stream_7
172			PU241	=VMFT*Stream_7
173			AM241	=VMFT*Stream_7
174			CM244	=VMFT*Stream_7
175				
176				
177			RCT	BEG INV
179			H3	=VRCT*Stream_91
180			SR90	=VRCT*Stream 91
181	· · · · · · · · · · · · · · · · · · ·		RU106	=VRCT*Stream_91
102			CS134	=VRCT*Stream_91
163			CS137	=VRCT*Stream_91
184			CE144	=:VRCT*Stream_91
185			PM147	=VRCT*Stream_91
186			PU238 PU239	=VRCT*Stream_91 =VRCT*Stream_91
188			PU240	eVRCT*Stream 91
189			PU241	"VRCT"Stream_91
190			AM241	"VRCT"Stream_91
191			CM244	"VRCT"Stream_91
TYZ				
793				
194 195			Mate Call	Total Melt Inv
196			Melt Cell H3	"VMLT'Stream_24'RHOGL
197			SR90	"VMLT*Stream 24*RHOGL
198			RU106	"VMLT"Stream_24"RHOGL
199			CS134	=VMLT*Stream_24*RHOGL
200			CS137	"VMLT"Stream_24"RHOGL
201			CE144	=VMLT*Stream_24*RHOGL
ZUZ			PM147	=VMLT*Stream_24*RHOGL
203			PU238	"VMLT"Stream_24"RHOGL "VMLT"Stream_24"RHOGL
205			PU240	=VMLT*Stream_24*RHOGL
206			PU241	=VMLT*Stream_24*RHOGL
207			AM241	=VMLT*Stream_24*RHOGL
ZU8			CM244	=VMLT*Stream_24*RHOGL
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210				
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213		 	RELEASES	RELEASE
214			H3	=OWST_RELEASE
Zis			SR90	-OWST_RELEASE
ZIE			RU106	OWST_RELEASE
217			CS134	OWST_RELEASE
218			CS137	=OWST_RELEASE
		-	CE144	-OWST_RELEASE
219		i	PM147 PU238	-OWST_RELEASE
219 220				
219 220 221				=OWST_RELEASE
219 220 221 222			PU239	-OWST_RELEASE
219 220 221 222 223				=OWST_RELEASE =OWST_RELEASE
219 220 221 222			PU239 PU240	-OWST_RELEASE
219 220 221 222 223 224 225 225			PU239 PU240 PU241	-OWST_RELEASE -OWST_RELEASE -OWST_RELEASE
219 220 221 222 223 224 225			PU239 PU240 PU241 AM241	"OWST_RELEASE "OWST_RELEASE "OWST_RELEASE "OWST_RELEASE

	Н	T
75.0		-0445-0457-1445-1467
	=IF(DIM_9=1,((INDEX(RLEXSRAT,1)*Stream_7)RHO),IF(DIM_9=2,((INDEX(RLEXSRAT,2)*Stream_7)RHO),0)) =IF(DIM_9=1,((INDEX(RLEXSRAT,1)*Stream_7)RHO),IF(DIM_9=2,((INDEX(RLEXSRAT,2)*Stream_7)RHO),0))	=G145:G157-H145:H157
	=IF(DIM_9=1,((INDEX(RLEXSRAT,1)*Stream_T)RHO),IF(DIM_9=2,((INDEX(RLEXSRAT,2)*Stream_T)RHO),0))	-G145:G157-H145:H157
	=IF(DIM_9=1,((INDEX(RLEXSRAT,1)*Stream_7)/RHO),IF(DIM_9=2,((INDEX(RLEXSRAT,2)*Stream_7)/RHO),0))	=G145:G157-H145:H157
	=IF(DIM_9=1,((INDEX(RLEXSRAT,1)*Stream_7)/RHO),IF(DIM_9=2,((INDEX/RLEXSRAT,2)*Stream_7)/RHO),0))	=G145:G157-H145:H157
138		
159		
	EXPLOSION	
161		INV AF DAR =G162:G174-H162:H174
	=if(DIM_10=1,((INDEX(RLEXMFT,1)"Stream_7)RHO),if(DIM_10=2,((INDEX(RLEXMFT,2)"Stream_7)RHO),0)) =if(DIM_10=1,((INDEX(RLEXMFT,1)"Stream_7)RHO),if(DIM_10=2,((INDEX(RLEXMFT,2)"Stream_7)RHO),0))	-0162:0174-H162:H174
	=IF(DIM_10=1,((INDEX(RLEXMFT,1)*Stream_7)/RHO),IF(DIM_10=2,((INDEX(RLEXMFT,2)*Stream_7)/RHO),0))	-G162:G174-H162:H174
	=IF(DIM_10=1,((INDEX/RLEXMFT,1)*Stream_7/RHO),IF(DIM_10=2,((INDEX/RLEXMFT,2)*Stream_7//RHO),0))	=G162:G174-H162:H174
	=IF(DIM_10=1,[(INDEX/RLEXMFT,1)*Stream_7/RHO),IF(DIM_10=2,((INDEX/RLEXMFT,2)*Stream_7/RHO),0))	-G162:G174-H162:H174
167	=IF(DIM_10=1,((INDEX(RLEXMFT,1)*Stream_7/RHO),IF(DIM_10=2,((INDEX(RLEXMFT,2)*Stream_7/RHO),0))	=G162:G174-H162:H174
	=IF(DIM_10=1,((INDEX(RLEXMFT,1)*Stream_7YRHO),IF(DIM_10=2,((INDEX(RLEXMFT,2)*Stream_7YRHO),0))	-G162:G174-H162:H174
	=IF(DIM_10=1,((INDEX(RLEXMFT,1)*Stream_7)/RHO),IF(DIM_10=2,((INDEX(RLEXMFT,2)*Stream_7)/RHO),0))	=G162:G174-H162:H174
	=IF(DIM_10=1,((INDEX/RLEXMFT,1)*Stream_7)/RHO),IF(DIM_10=2,((INDEX/RLEXMFT,2)*Stream_7)/RHO),0))	=G162:G174-H162:H174
	=IF(DIM_10=1,((INDEX(RLEXMFT,1)*Stream_7)RHO),IF(DIM_10=2,(INDEX(RLEXMFT,2)*Stream_7)RHO),0)} =IF(DIM_10=1,((INDEX(RLEXMFT,1)*Stream_7)RHO),IF(DIM_10=2,((INDEX(RLEXMFT,2)*Stream_7)RHO),0))	=G162:G174-H162:H174 =G162:G174-H162:H174
	=!r(DIM_10=1;((INDEX(RLEXMF1;1)*Stream_1)RHO);!r(DIM_10=2;((INDEX(RLEXMF1;2)*Stream_1)RHO);0))	=G162:G174-H162:H174
	=IF(DIM_10=1,((INDEX/RLEXMFT,1)*Stream_7)RHO).IF(DIM_10=2,((INDEX/RLEXMFT,2)*Stream_7)RHO),0))	~G162:G174-H162:H174
175		
176		
777	EXPLOSION	
178		INV AF DAR
179		=G179:G191-H179:H191
181		=G179:G191-H179:H191
182		=G179:G191-H179:H191
183		=G179:G191-H179:H191
184		-G179:G191-H179:H191
185	e)	-G179:G191-H179:H191
190		=G179:G191-H179:H191
187		=G179:G191-H179:H191
168		=G179:G191-H179:H191
189		=G179:G191-H179:H191
Ter		=G179:G191-H179:H191 =G179:G191-H179:H191
išz		-G178.G18141178.N181
193		
194		
	TOT. Release	Part Melt Inv
	=IF(DIM_12=1,G196:G208*RFMSPL+Stream_23*0.6/RHOG,0)	=VMSPL*Stream_24*RHOGL
	=IF(DIM_12=1,G196:G208*RFMSPL+Stream_23*0.6/RHOG,0)	=VMSPL*Stream_24*RHOGL
	=IF(DIM_12=1,G196:G208*RFMSPL+Stream_23*0.6/RHOG,0)	=VMSPL*Stream_24*RHOGL
	=IF(DIM_12=1,G196:G208*RFMSPL+Stream_23*0.6/RHOG,0) =IF(DIM_12=1,G196:G208*RFMSPL+Stream_23*0.6/RHOG,0)	=VMSPL*Stream_24*RHOGL
	=IF(DIM_12=1,G196:G208*RFMSPL+Stream_23*0.6/RHOG,0)	=VMSPL*Stream_24*RHOGL =VMSPL*Stream_24*RHOGL
	=F(DIM_12=1,G196:G208*RFMSPL+Stream_23*0.6/RHOG,0)	=VMSPL*Stream_24*RHOGL
	=IF(DIM_12=1,G196:G208*RFMSPL+Stream_23*0.6/RHOG,0)	=VMSPL*Stream_24*RHOGL
204	=IF(DIM_12=1,G196:G208*RFMSPL+Stream_23*0.6/RNOG,0)	=VMSPL*Stream_24*RHOGL
	=IF(DIM_12=1,G196:G208*RFMSPL+Stream_23*0.GRHOG,0)	=VMSPL*Stream_24*RHOGL
	=F(DIM_12=1,G196:G208*RFMSPL+Stream_23*0.6/RHOG,0)	=VMSPL*Stream_24*RHOGL
	=IF(DIM_12=1,G196:G208*RFMSPL+Stream_23*0.6/RHOG,0) =IF(DIM_12=1,G196:G208*RFMSPL+Stream_23*0.6/RHOG,0)	=VMSPL*Stream_24*RHOGL
209	-F-(=VMSPL*Stream_24*RHOGL
210		
Zii		
	LPPPST	LPPPPT
	RELEASE	RELEASE
	-LPPPST_RELEASE	=LPPPPT_RELEASE
	-UPPST_RELEASE	=LPPPPT_RELEASE
	=LPPPST_RELEASE =LPPPST_RELEASE	=LPPPPT_RELEASE
	-LPPPST_RELEASE	=LPPPPT_RELEASE
	=LPPPST_RELEASE	=LPPPPT_RELEASE
	=LPPPST_RELEASE	=LPPPPT_RELEASE
ZZT	-LPPPST_RELEASE	=LPPPPT_RELEASE
	-LPPPST_RELEASE	=LPPPPT_RELEASE
	-LPPPST_RELEASE	-LPPPPT_RELEASE
	-LPPPST_RELEASE	=LPPPPT_RELEASE
	=LPPPST_RELEASE	=LPPPPT_RELEASE
	=LPPPST_RELEASE =SUM(H214:H226)	=LPPPPT_RELEASE
220		=SUM(1214:1226)
الحصا		

	J	K.
-	<u> </u>	
	= F(OR(DIM_9=1,DIM_9=2), 145: 157*RFSPLSH,0)	1=1145:1157-J145:J157
	=#F(OR(DIM_9=1,DIM_9=2),1145:1157*RFSPLSH,0)	=1145:1157-J145:J157
]=IF(OR(DIM_9=1,DIM_9=2),I145:I157*RFSPLSH,0) =IF(OR(DIM_9=1,DIM_9=2),I145:I157*RFSPLSH,0)	=1145:1157-J145:J157 =1145:1157-J145:J157
	=IF(OR(DIM_9=1,DIM_9=2),1145:1157*RFSPLSH,0)	=1145:1157-J145:J157
158		-11433137 31432 137
159		
160		
	ISPLASHING	INV AF SPLSH
	=IF(OR(DIM_10=1,DIM_10=2),1162:H74*RFSPLSH,0)	=1162:1174-J162:J174
	=IF(OR(DIM_10=1,DIM_10=2),1162:1174*RFSPLSH,0)	=1162:1174-J162:J174
	=IF(OR(DIM_10=1,DIM_10=2),1162:1174*RFSPLSH,0)	-1162:1174-J162:J174
	-IF(OR(DIM_10-1,DIM_10-2),I162:I174*RFSPLSH,0)	~I162:I174-J162:J174
	=IF(OR(DIM_10=1,DIM_10=2),I162:I174*RFSPLSH,0)	=1162:1174-J162:J174
	=IF(OR(DIM_10=1,DIM_10=2),I162:I174*RFSPLSH,0)	=1162:1174-J162:J174
	=IF(OR(DIM_10=1,DIM_10=2),I162:I174*RFSPLSH,0) .	=1162:1174-J162:J174
	=IF(OR(DIM_10=1,DIM_10=2),1162:1174*RFSPLSH,0)	*1162:J174~J162:J174
	=IF(OR(DIM_10=1,DIM_10=2),I162:I174*RFSPLSH,0)	=1162:1174-J162:J174
	=IF(OR(DIM_10=1,DIM_10=2),I162:I174*RFSPLSH,0)	M162:1174-J162:J174
	=iF(OR(DIM_10=1,DIM_10=2),1162:1174*RFSPLSH,0)	-1162:1174-J162:J174
	=IF(OR(DIM_10=1,DIM_10=2),1162:1174*RFSPLSH,0)	41162:1174-J162:J174
	=IF(OR(DIM_10=1,DIM_10=2),I162:I174*RFSPLSH,0)	=1162:1174-J162:J174
175		
176		
177		T
178	SPLASHING	INV AF SPLSH
179	-0	=1179:1191-J179:J191
190	-0	-1179:J191-J179:J191
191		=1179:1191-1179:1191
182		~1179:1191-J179:J191
183		~I179:I191~J179:J191
184		-1179:I191-J179:J191
185		=1179:I191J179:J191
186	1 	~1179:1191~J179:J191
187		=1179:1191-1179:1191
100		=I179:I191-J179:J191
199	<u> </u>	=I179:I191-J179:J191
TYU		16179:1191-1179:1191
		-111971916161197191
191	-0	=179:191-179:191
191 192	=0	
191 192 193	=0	
191 192 193 194		
191 192 193 194 195	PMS Release	
191 192 193 194 195 196	=0 PMS Release =IF(DIM_12=2,i196:i208*RFMSPL+Stream_23*0.6/RHOG,0)	=1179:1191J179:J191
191 192 193 194 195 196 197	=0 PMS Release =iF(DIM_12=2,1196:1208*RFMSPL+Stream_23*0.6/RHOG,0) =iF(DIM_12=2,1196:1208*RFMSPL+Stream_23*0.6/RHOG,0)	=179:1191.J179:J191
191 192 193 194 195 196 197	PMS Release =IF(DIM_12=2,1196:1208*RFMSPL+Stream_23*0.6/RHOG,0) =IF(DIM_12=2,1196:1208*RFMSPL+Stream_23*0.6/RHOG,0) =IF(DIM_12=2,1196:1208*RFMSPL+Stream_23*0.6/RHOG,0)	Melter Offgas Stream_23*MROG/RHOG Stream_23*MROG/RHOG Stream_23*MROG/RHOG
191 192 193 194 195 196 197 198	PMS Release =IF(DIM_12=2,1196:1208*RFMSPL+Stream_23*0.6/RHOG,0) =IF(DIM_12=2,1196:1208*RFMSPL+Stream_23*0.6/RHOG,0) =IF(DIM_12=2,1196:1208*RFMSPL+Stream_23*0.6/RHOG,0) =IF(DIM_12=2,1196:1208*RFMSPL+Stream_23*0.6/RHOG,0)	Meiter Offgas Stream_23*MROG/RHOG Stream_23*MROG/RHOG Stream_23*MROG/RHOG Stream_23*MROG/RHOG Stream_23*MROG/RHOG
191 192 193 194 195 196 197 198 199 200	PMS Release =IF(DIM_12=2,1196:1208*RFMSPL+Stream_23*0.6/RHOG,0) =IF(DIM_12=2,1196:1208*RFMSPL+Stream_23*0.6/RHOG,0) =IF(DIM_12=2,1196:1208*RFMSPL+Stream_23*0.6/RHOG,0) =IF(DIM_12=2,1196:1208*RFMSPL+Stream_23*0.6/RHOG,0) =IF(DIM_12=2,1196:1208*RFMSPL+Stream_23*0.6/RHOG,0)	Meiter Offgas Stream_23*MROG/RHOG Stream_23*MROG/RHOG Stream_23*MROG/RHOG Stream_23*MROG/RHOG Stream_23*MROG/RHOG Stream_23*MROG/RHOG
191 192 193 194 195 196 197 198 200 201	PMS Release =IF(DIM_12=2,I196:I208*RFMSPL+Stream_23*0.6/RHOG,0) =IF(DIM_12=2,I196:I208*RFMSPL+Stream_23*0.6/RHOG,0) =IF(DIM_12=2,I196:I208*RFMSPL+Stream_23*0.6/RHOG,0) =IF(DIM_12=2,I196:I208*RFMSPL+Stream_23*0.6/RHOG,0) =IF(DIM_12=2,I196:I208*RFMSPL+Stream_23*0.6/RHOG,0) =IF(DIM_12=2,I196:I208*RFMSPL+Stream_23*0.6/RHOG,0)	Melter Offgas "Stream_23*MROG/RHOG "Stream_23*MROG/RHOG "Stream_23*MROG/RHOG "Stream_23*MROG/RHOG "Stream_23*MROG/RHOG "Stream_23*MROG/RHOG "Stream_23*MROG/RHOG
191 192 193 194 195 196 197 198 199 200 201 202	PMS Release -IF(DIM_12-2,1196:1208*RFMSPL+Stream_23*0.6/RHOG,0) -IF(DIM_12-2,1196:1208*RFMSPL+Stream_23*0.6/RHOG,0) -IF(DIM_12-2,1196:1208*RFMSPL+Stream_23*0.6/RHOG,0) -IF(DIM_12-2,1196:1208*RFMSPL+Stream_23*0.6/RHOG,0) -IF(DIM_12-2,1196:1208*RFMSPL+Stream_23*0.6/RHOG,0) -IF(DIM_12-2,1196:1208*RFMSPL+Stream_23*0.6/RHOG,0) -IF(DIM_12-2,1196:1208*RFMSPL+Stream_23*0.6/RHOG,0) -IF(DIM_12-2,1196:1208*RFMSPL+Stream_23*0.6/RHOG,0)	Melter Ofigas "Stream_23*MROG/RHOG "Stream_23*MROG/RHOG "Stream_23*MROG/RHOG "Stream_23*MROG/RHOG "Stream_23*MROG/RHOG "Stream_23*MROG/RHOG "Stream_23*MROG/RHOG "Stream_23*MROG/RHOG
191 192 193 194 195 196 197 198 200 201 201 202 203	PMS Release -IF(DIM_12-2,1196:1208*RFMSPL+Stream_23*0.6/RHOG,0) -IF(DIM_12-2,1196:1208*RFMSPL+Stream_23*0.6/RHOG,0) -IF(DIM_12-2,1196:1208*RFMSPL+Stream_23*0.6/RHOG,0) -IF(DIM_12-2,1196:1208*RFMSPL+Stream_23*0.6/RHOG,0) -IF(DIM_12-2,1196:1208*RFMSPL+Stream_23*0.6/RHOG,0) -IF(DIM_12-2,1196:1208*RFMSPL+Stream_23*0.6/RHOG,0) -IF(DIM_12-2,1196:1208*RFMSPL+Stream_23*0.6/RHOG,0) -IF(DIM_12-2,1196:1208*RFMSPL+Stream_23*0.6/RHOG,0) -IF(DIM_12-2,1196:1208*RFMSPL+Stream_23*0.6/RHOG,0)	Meiter Ofigas Stream_23*MROG/RHOG
191 192 193 194 195 196 197 198 200 201 202 203 204	PMS Release =iF(DIM_12=2,i196:i208*RFMSPL+Stream_23*0.6/RHOG,0)	Meiter Ofigas "Stream_23*MROG/RHOG
191 192 193 194 195 196 197 198 200 201 202 203 204 205	PMS Release =iF(DIM_12=2,i196:i208*RFMSPL+Stream_23*0.6/RHOG,0)	Meiter Offgas "Stream_23*MROG/RHOG
191 192 193 194 195 196 197 198 200 201 201 202 203 204 205 205	PMS Release =IF(DIM_12=2,I196:I208*RFMSPL+Stream_23*0.6/RHOG,0)	Melter Offgas "Stream_23*MROG/RHOG
191 192 193 194 195 196 197 198 200 201 202 203 204 205 206	PMS Release =IF(DIM_12=2,I196:I208*RFMSPL+Stream_23*0.6/RHOG,0)	Melter Ofigas "Stream_23*MROG/RHOG
191 192 193 194 195 197 198 200 201 202 203 204 205 206 207 208	PMS Release =IF(DIM_12=2,I196:I208*RFMSPL+Stream_23*0.6/RHOG,0)	Melter Offgas "Stream_23*MROG/RHOG
191 192 193 194 195 196 197 198 200 201 202 203 204 205 206 207 208 209	PMS Release =IF(DIM_12=2,1196:1208*RFMSPL+Stream_23*0.6/RHOG,0)	Melter Ofigas "Stream_23*MROG/RHOG
191 192 193 194 196 197 198 200 201 202 203 204 205 206 207 208 209 210	PMS Release =IF(DIM_12=2,1196:1208*RFMSPL+Stream_23*0.6/RHOG,0)	Melter Ofigas "Stream_23*MROG/RHOG
191 192 193 195 196 197 198 201 201 202 203 204 205 206 207 208 208 208 210 210 210 211	PMS Release =IF(DIM_12=2,i196:i208*RFMSPL+Stream_23*0.6/RHOG,0)	Melter Ofigas "Stream_23*MROG/RHOG
191 192 193 194 195 196 197 198 201 201 202 203 204 205 206 207 208 209 209 211 212	PMS Release =IF(DIM_12=2,i196:i208*RFMSPL+Stream_23*0.6/RHOG,0)	Melter Ofigas "Stream_23*MROG/RHOG
191 192 193 194 195 196 197 198 200 201 203 204 205 206 207 208 208 210 210 211 211 213	PMS Release =IF(DIM_12=2,1196:1208*RFMSPL+Stream_23*0.6/RHOG,0)	Meiter Offgas Stream_23*MROG/RHOG
191 192 193 194 195 196 197 200 201 202 203 204 205 206 207 208 209 210 211 211 213 214	PMS Release =IF(DIM_12=2,1196:1208*RFMSPL+Stream_23*0.6/RHOG,0)	Meiter Offgas Stream_23*MROG/RHOG Stream_23*MROG/
191 192 193 194 195 196 197 200 201 202 203 204 205 206 207 208 209 211 212 213 213 213	PMS Release =IF(DIM_12=2,1196:1208*RFMSPL+Stream_23*0.6/RHOG,0)	Meiter Offgas "Stream_23*MROG/RHOG "Stream
191 192 193 194 195 196 197 198 201 201 202 203 204 205 206 207 208 208 209 210 211 212 213 213 214 215 215 216	PMS Release =IF(DIM_12=2,i196:i208*RFMSPL+Stream_23*0.6/RHOG,0)	Melter Offgas "Stream_23*MROG/RHOG "Stream
191 192 193 194 195 196 197 198 200 201 203 204 205 206 207 208 210 211 212 213 214 213 214 215 216 217	PMS Release =IF(DIM_12=2,1196:1208*RFMSPL+Stream_23*0.6/RHOG,0)	Meiter Offgas Stream_23*MROG/RHOG Stream_23*MROG/
191 192 193 194 195 196 197 200 201 203 204 205 206 207 210 210 210 211 213 214 215 216 217 217 218	PMS Release =IF(DIM_12=2,1196:1208*RFMSPL+Stream_23*0.6/RHOG,0) =IF(DIM_12=2,1196:1208*RFMSPL*Stream_23*0.6/RHOG,0) =IF(DIM_12=2,1196:1208*RFMSPL*Stream_23*0.6/RHOG,0) =IF(DIM_12=2,1196:1208*RFMSPL*Stream_23*0.6/RHOG,0) =IF(DIM_12=2,1196:1208*RFMSPL*Stream_23*0.6/RHOG,0) =IF(DIM_12=2,1196:1208*RFMSPL*Stream_23*0.6/RHOG,0) =IF(DIM_12=2,1196:1208*RFMSPL*Stream_23*0.6/RHOG,0) =IF(D	Meiter Offgas Stream 23°MROG/RHOG Stream 23°MROG/
191 192 193 194 195 196 197 198 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 216 217 218 218	PMS Release =IF(DIM_12=2,1196:1208*RFMSPL+Stream_23*0.6/RHOG,0)	Meiter Offgas "Stream_23*MROG/RHOG "Stream
191 192 193 194 195 196 197 200 201 202 203 204 205 206 207 208 210 211 212 213 214 215 216 217 216 217 218 219 219 219 219 211 211 212 213 214 215 216 217 217 218 219 219 219 219 219 219 219 219 219 219	PMS Release =IF(DIM_12=2,1196:1208*RFMSPL+Stream_23*0.6/RHOG,0)	Meiter Offgas Stream_23*MROG/RHOG Stream_23*MROG/
191 192 193 194 195 196 197 198 200 201 203 204 205 206 207 207 217 217 213 214 215 216 217 216 217 216 217 218 217 218 219 217 218 219 219 219 219 219 219 219 219 219 219	PMS Release -IF(DIM_12=2,1196:1208*RFMSPL+Stream_23*0.6/RHOG,0) -IF(DIM_12=2,1196:1208*RFMSPL*Stream_23*0.6/RHOG,0) -IF(DIM_12=2,1196:1208*RFMSPL*Stream_23*0.6/RHOG,0) -IF(DIM_12=2,1196:1208*RFMSPL*Stream_23*0.6/RHOG,0) -IF(DIM_12=2,1196:1208*RFMSPL*Stream_23*0.6/RHOG,0) -IF(DIM_12=2,1196:1208*RFMSPL*Stream_23*0.6/RHOG,0) -IF(DIM_12=1,1196:1208*RFMSPL*Stream_23*0.6/RHOG,0) -IF(DIM_12=1,1196:1208*RFMSPL*Stream_23*0.6/RHOG,0) -IF(DIM_12=1,1196:1208*RFMSPL*Stream_23*0.6/RHOG,0) -IF(DIM_12=1,1196:1208*RFMSPL*Stream_23*0.6/RHOG,0) -IF(DIM_12=1,1196:1208*RFMSPL*Stream_23*0.6/RHOG,0) -IF(D	Melter Offgas "Stream_23*MROG/RHOG "Stream
191 192 193 194 195 196 197 200 201 203 204 205 206 207 210 210 211 213 214 215 216 217 217 218 219 219 219 210 210 211 211 211 211 211 211 211 211	PMS Release =IF(DIM_12=2,1196:1208*RFMSPL+Stream_23*0.6/RHOG,0) =IF(DIM_12=2,1196:1208*RFMSPL*Stream_23*0.6/RHOG,0) =IF(DIM_12=2,1196:1208*RFMSPL*Stream_23*0.6/RHOG,0) =IF(DIM_12=2,1196:1208*RFMSPL*Stream_23*0.6/RHOG,0) =IF(DIM_12=2,1196:1208*RFMSPL*Stream_23*0.6/RHOG,0) =IF(DIM_12=2,1196:1208*RFMSPL*Stream_23*0.6/RHOG,0) =IF(DIM_12=2,1196:1208*RFMSPL*Stream_23*0.6/RHOG,0) =IF(DIM_12=2,1196:1208*RFMSPL*Stream_23*0.6/RHOG,0) =IF(D	Meiter Offgas Stream_23*MROG/RHOG PR RELEASE
191 192 193 194 195 196 197 198 200 201 202 203 204 205 206 207 210 211 213 214 215 216 217 216 217 218 219 220 210 217 218 219 219 219 219 219 219 219 219 219 219	PMS Release =IF(DIM_12=2,1196:1208*RFMSPL+Stream_23*0.6/RHOG,0) =IF(DIM_12=2,1196:1208*RFMSPL*Stream_23*0.6/RHOG,0) =IF(DIM_12=2,1196:1208*RFMSPL*Stream_23*0.6/RHOG,0) =IF(DIM_12=2,1196:1208*RFMSPL*Stream_23*0.6/RHOG,0) =IF(DIM_12=2,1196:1208*RFMSPL*Stream_23*0.6/RHOG,0) =IF(DIM_12=2,1196:1208*RFMSPL*Stream_23*0.6/RHOG,0) =IF(DIM_12=2,1196:1208*RFMSPL*Stream_23*0.6/RHOG,0) =IF(DIM_12=2,1196:1208*RFMSPL*Stream_23*0.6/RHOG,0) =IF(DIM_12=2,1196:1208*RFMSPL*Stream_23*0.6/RHOG,0) =IF(DIM_12=2,1196:1208*RFMSPL*Stream_23*0.6/RHOG,0) =IF(DIM_12=2,1196:1	Meiter Offgas Stream_23*MROG/RHOG PR RELEASE PR_RELEASE
191 192 193 194 195 196 197 200 201 202 203 204 205 206 207 208 209 210 211 212 213 216 216 217 218 218 219 221 218 219 221 211 218 219 219 219 210 211 211 212 213 214 215 216 217 218 218 219 219 219 219 219 219 219 219 219 219	PMS Release =IF(DIM_12=2,1196:1208*RFMSPL+Stream_23*0.6/RHOG,0) =IF(DIM_12=2,1196:1208*RFMSPL*Stream_23*0.6/RHOG,0) =IF(DIM_12=2,1196:1	Meiter Offgas Stream_23*MROG/RHOG Stream_23*MROG/
191 192 193 194 195 196 197 198 199 201 201 203 204 205 206 207 208 210 211 212 213 214 215 216 217 218 219 219 211 217 218 219 219 211 211 212 213 214 215 216 217 218 219 219 219 219 219 219 219 219 219 219	PMS Release =IF(DIM_12=2,1196:1208*RFMSPL+Stream_23*0.6/RHOG,0) =IF(DIM_12=2,1196:1	Meiter Offgas Stream_23*MROG/RHOG Pit RELEASE PR_RELEASE
191 192 193 194 195 197 199 200 201 203 204 205 206 207 208 209 210 211 213 214 213 214 215 216 217 218 217 218 219 221 218 217 218 219 221 218 219 221 221 221 221 221 221 221 221 221	PMS Release -IF(DIM_12=2,1196:1208*RFMSPL+Stream_23*0.6/RHOG,0) -IF(D	Meiter Offgas Stream_23*MROG/RHOG Stream_23*MROG/
191 192 193 194 195 196 197 200 201 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 221 218 219 221 218 217 218 219 221 218 219 221 218 219 221 221 221 221 221 221 221 221 221	PMS Release -IF(DIM_12=2,1196:1208*RFMSPL+Stream_23*0.6/RHOG,0) -IF(DIM_12=1,196:1208*RFMSPL+Stream_23*0.6/RHOG,0) -IF(DIM_12=1,196:1208*RFMSPL+Stream_23*0.6/RHOG,0) -IF(DIM_12=1,196:1208*RFMSPL+Stream_23*0.6/RHOG,0) -IF(DIM_12=1,196:1208*RFMSPL+Stream_23*0.6/RHOG,0) -IF(DIM_12=1,196:1208*RFMSPL*Stream_23*0.6/RHOG,0) -IF(DIM_12=1,196:1208*RFMSPL*Stream_23*0.6/RHOG,0) -IF(DIM_12=1,196:1208*RFMSPL*Stream_23*0.6/RHOG,0) -IF(DIM_12=1,196:1208*RFMSPL*Stream_23*0.6/RHOG,0) -IF(DIM_12=1,196:1208*RFMSPL*Stream_23*0.6/RHOG,0) -IF(DIM_12=1,196:1208*RFMSPL*Stream_23*0.6/RHOG,0) -IF(DIM_12=1,196:1208*RFMSPL*Stream_23*0.6/RHOG,0) -IF(DIM_12=1,196:1208*RFMSPL*Stream_23*0.6/RHOG,0) -IF(DIM_12=1,196:1208*RFMSPL*Stream_23*0.6/RHOG,0) -IF(DIM_12=1,196:1	Meiter Offgas Stream_23*MROG/RHOG Pix RELEASE PPR_RELEASE

153	=IF(OR(DIM 9=1,DIM 9=2),IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*K145:K157,INDEX(RFLEAK,2)*DURLNG*K145:K157,0)
	= F(OR(DIM_9=1,DIM_9=2),IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*K145:K157,INDEX(RFLEAK,2)*DURLNG*K145*DURLNG*K145*DURLNG*K145*DURLNG*K145*DURLNG*K145*DURLNG*
	=IF(OR(DIM_9=1,DIM_9=2),IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*K145;K157,INDEX(RFLEAK,2)*DURLNG*K145;K157),D
157	=IF(OR(DIM_9=1,DIM_9=2),IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*K145:K157,INDEX(RFLEAK,2)*DURLNG*K145:K157),0)
158	
159	
160	
	EVAPORATION
162	=(F(OR(DIM_10=1,DIM_10=2),IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLING*K162:K174,INDEX(RFLEAK,2)*DURLING*K162:K174),0)
163	=IF(OR(DIM_10=1,DIM_10=2),IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*K162:K174,INDEX(RFLEAK,2)*DURLNG*K162:K174),D)
764	=IF(OR(DIM_10=1,DIM_10=2),IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*K162:K174,INDEX(RFLEAK,2)*DURLNG*K162:K174),0)
765	=IF(OR(DIM_10=1,DIM_10=2),IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*K162:K174,INDEX(RFLEAK,2)*DURLNG*K162:K174),0)
100	=IF(OR(DIM_10=1,DIM_10=2),IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*K162;K174,INDEX(RFLEAK,2)*DURLNG*K162;K174),0)
101	=IF(OR(DIM_10=1,DIM_10=2),IF(OR(DIM_18=3,DIM_18=3),INDEX(RFLEAK,1)*DURLNG*K162:K174,INDEX(RFLEAK,2)*DURLNG*K162:K174,IND =IF(OR(DIM_10=1,DIM_10=2),IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*K162:K174,INDEX(RFLEAK,2)*DURLNG*K162:K174,IND
100	=IF(OR(DIM_10=1,DIM_10=2),IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLING*K162:K174,INDEX(RFLEAK,2)*DURLING
103	=#F(OR(DIM_10=1,DIM_10=2),IF(OR(DIM_18=3,DIM_18=3),INDEX(RFLEAK,1)*DORLING*K182:K174,INDEX(RFLEAK,2)*DURLING*K182:K174),0)
177	=[F(OR(DIM_10=1,DIM_10=2),IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*K162:K174,INDEX(RFLEAK,2)*DURLNG*K162:K174),0)
177	=IF(OR(DIM_10=1,DIM_10=2),IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLING*K162:K174,INDEX(RFLEAK,2)*DURLING*K162:K174),IO
173	=IF(OR(DIM_10=1,DIM_10=2),IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*K162:K174,INDEX(RFLEAK,2)*DURLNG*K162:K174),0)
	=FIORIDIM 10=1.DIM 10=2.IFIORIDIM 19=3.DIM 19=5.INDEXRFLEAK,11*DURLNG*K162:K174,INDEXRFLEAK,21
175	
176	
177	
178	EVAPORATION
179	
180	
181	
182	
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188	
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193	
194	
195	
	=IF(DIM_12=3,(K196:K208*1)+(2.6*Stream_24*RHOGL*RFMSPL),0)
	-IF(DIM_12-3,(K196:K208*1)+(2.6*Stream_24*RHOGL*RFMSPL),0)
	=IF(DIM_12=3,(K196:K208*1)+(2.6*Stream_24*RHOGL*RFMSPL),0)
	=IF(DIM_12=3,(K196:K208*1)+(2.6*Stream_24*RHOGL*RFMSPL),0)
	=IF(DIM_12=3,(K196:K208*1)+(2.6*Stream_24*RHOGL*RFMSPL),0)
	=IF(DIM_12=3,(K196:K208*1)+(2.6*Stream_24*RHOGL*RFMSPL),0) =IF(DIM_12=3,(K196:K208*1)+(2.6*Stream_24*RHOGL*RFMSPL),0)
	=IF(DIM_12=3,(K196:K208*1)+(2.6*Stream_24*RHOGL*RFMSPL),0)
	=IF(DIM_12=3,[K196:K208*1]+(2.6*Stream_24*RHOGL*RFMSPL],0)
	=IF(DIM_12=3,(K196:K208*1)+(2.6*Stream_24*RHOGL*RFMSPL),0)
	=IF(DIM_12=3,(K196:K206*1)+(2.6*Stream_24*RHOGL*RFMSPL],(0)
	= F DIM_12=3, K196:K208*1 +(2.6*Stream_24*RHOGL*RFMSPL),0)
208	=IF[DIM_12=3,(K196:K208*1)+(2.6*Stream_24*RHOGL*RFMSPL),0)
ZU9	
ZIU	
211	
ZIZ	
	RELEASE
	PRFT_RELEASE
	PRFT_RELEASE
	=PRFT_RELEASE =PRFT_RELEASE
	=PRFT_RELEASE
	PRFT RELEASE ●PRFT RELEASE
	PRFT_RELEASE
	=PRFT_RELEASE
	PRFT RELEASE
	PRFT RELEASE
	PRFT RELEASE
	=PRFT_RELEASE
	-PRFT RELEASE
	=\$UM([.214:L226)
228	

	M	N
	=IF(DIM_9=3,G145:G157*RFSPLSH,0) =IF(DIM_9=3,G145:G157*RFSPLSH,0)	=G145:G157-M145:M157 =G145:G157-M145:M157
	=IF(DIM_9=3,G145:G157*RFSPLSH,0)	=G145:G157-M145:M157
	=IF(DIM_9=3,G145:G157*RFSPLSH,0)	=G145:G157-H145:M157
157	=IF(DIM_9=3,G145:G157*RFSPLSH,0)	=G145:G157-M145:M157
158		
159		CDI ACUINIO
160	SPLASHING	SPLASHING INV AF SPLSH
	=iF(DIM_10=3,G162:G174*RFSPL\$H,0)	=G162:G174-M162:M174
	=iF(DIM_10=3,G162:G174*RFSPLSH,0)	=G162:G174-M162:M174
164	=IF(DIM_10=3,G162:G174*RFSPLSH,0)	=G162:G174-M162:M174
	=IF(DIM_10=3,G162:G174*RFSPL\$H,0)	=G162:G174-M162:M174
	=IF(DIM_10=3,G162:G174*RFSPLSH,0)	=0162:0174-M162:M174 =0162:0174-M162:M174
	=IF(DIM_10=3,G162:G174*RFSPL\$H,0) =IF(DIM_10=3,G162:G174*RFSPL\$H,0)	-G162:G174-M162:M174
	=IF(DIM_10=3,G162:G174*RFSPLSH,0)	=G162:G174-M162:M174
	=IF(DIM_10=3,G162:G174*RFSPLSH,0)	=G162:G174-M162:M174
171	=IF(DIM_10=3,G162:G174*RFSPLSH,0)	=G162:G174-M162:M174
	=IF(DIM_10=3,G162:G174*RFSPLSH,0)	=G162:G174-M162:M174
	=IF(DIM_10=3,G162:G174*RFSPLSH,0)	-G162:G174-M162:M174
1/3	=IF(DIM_10=3,G162:G174*RFSPLSH,0)	=0162:0174-M162:M174
176		
177		SPLASHING
178	SPLASHING	INV AF SPLSH
	=IF(DIM_11=1,G179:G191*RFSPLSH,0)	=G179:G191-M179:M191
	=IF(DIM_11=1,G179:G191*RFSPLSH,0)	=G179:G191-M179:M191
181	=IF(DIM_11=1,G179:G191*RFSPLSH,0) =IF(DIM_11=1,G179:G191*RFSPLSH,0)	=G179:G191-M179:M191 =G179:G191-M179:M191
	=IF(DIM_11=1,G179:G191*RFSPLSH,0)	-G179:G191-M179:M191
	=IF(DIM_11=1,G179:G191*RFSPLSH,0)	=G179:G191-M179:M191
	=IF(DIM_11=1,G179:G191*RFSPLSH,0) =IF(DIM_11=1,G179:G191*RFSPLSH,0)	=G179:G191-M179:M191 =G179:G191-M179:M191
	=IF(DIM_11=1,G179:G191*RFSPLSH,0)	-G179:G191-M179:M191
	=IF(DIM_11=1,G179:G191*RFSPLSH,0)	=G179:G191-M179:M191
192		
193		
194	Canister	MCR
	=Stream_24*MCAN	=IF(DIM_12=4,M196:M208*RFCR,0)
	=Stream_24°MCAN	=IF(DIM_12=4,M196:M208*RFCR,0)
	=Stream_24°MCAN	=IF(DIM_12=4,M196:M208*RFCR,0)
	=Stream_24*MCAN	=iF(DIM_12=4,M196:M208*RFCR,0)
	=Stream_24*MCAN =Stream_24*MCAN	=IF(DIM_12=4,M196:M208*RFCR,0)
202	-Stream_24*MCAN	=IF(DIM_12=4,M196:M208*RFCR,0) =IF(DIM_12=4,M196:M208*RFCR,0)
	=Stream_24°MCAN	=IF(DIM_12=4,M196:M208*RFCR,0)
204	=Stream_24*MCAN	=!F(DIM_12=4,M196:M208*RFCR,0)
	=Stream_24°MCAN	=IF(DIM_12=4,M196:M208*RFCR,0)
	=Stream_24°MCAN	=IF(DIM_12=4,M196:M208*RFCR,0)
	=Stream_24°MCAN =Stream_24°MCAN	=(F(DIM_12=4,M196:M208*RFCR,0) =IF(DIM_12=4,M196:M208*RFCR,0)
209	OUSEN_AT MOME	I lami te duna frusta tredital
210		
211		
ZIZ		SME
	RELEASE -PRBT RELEASE	RELEASE
	*PRBT_RELEASE	-SME_RELEASE -SME_RELEASE
	=PRBT_RELEASE	I-SME_RELEASE
217	-PRBT_RELEASE	-SME_RELEASE
210	=PRBT_RELEASE	=SME_RELEASE
	=PRBT_RELEASE	-SME_RELEASE
	=PRBT_RELEASE =PRBT_RELEASE	SME_RELEASE
	-PRBI_RELEASE	=SME_RELEASE =SME_RELEASE
	-PRBT_RELEASE	-SME_RELEASE
ZZ4	-PRBT_RELEASE	=SME_RELEASE
225	=PRBT_RELEASE	-SME_RELEASE
440	-PRBT_RELEASE	=SME_RELEASE
228	=SUM(M214:M226)	-SUM(N214:N226)
		<u></u>

	O
787	= F(DIM_9=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)"DURLING"N145:N157,INDEX(RFLEAK,2)"DURLING"N145:N157),0)
150	==[DIM_9=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLING*N145:N157,INDEX(RFLEAK,2)*DURLING*N145:N157),0)
157	-IF(DIM_9-3,IF(OR(DIM_18-3,DIM_18-5),INDEX(RFLEAK,1)*DURLING*N145:N157,INDEX(RFLEAK,2)*DURLING*N145:N157),0)
156	==F(DIM 9-3.IF(OR(DIM 19-3.DIM 19-5),INDEX(RFLEAK,1)*DURLNG*N145:N157,INDEX(RFLEAK,2)*DURLNG*N145:N157),0)
157	=IF(DIM_9=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*N145:N157,INDEX(RFLEAK,2)*DURLNG*N145:N157),0)
158	
159	
160	
	EVAPORATION
162	-IF[DIM_10-3,IF(OR(DIM_18-3,DIM_18-5),INDEX(RFLEAK,1)*DURLNG*N162:N174,INDEX(RFLEAK,2)*DURLNG*N162:N174),0)
163	=iF(DIM_10=3.IF(DR(DIM_18=3.DIM_18=5),INDEX(RFLEAK,1)*DURLNG*N162:N174,INDEX(RFLEAK,2)*DURLNG*N162:N174).0)
164	= FIDHM 10=3.IF(OR(DIM 18=3.DIM 18=5).INDEX(RFLEAK,1)*DURLNG*N162:N174,INDEX(RFLEAK,2)*DURLNG*N162:N174).0)
1765	=FIDIM 10=3.IF(OR/DIM 18=3.DIM 18=5).INDEX(RFLEAK,1)*DURLNG*N162:N174,INDEX(RFLEAK,2)*DURLNG*N162:N174),0)
166	-IF[DIM_10=3,IF[OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*N162:N174,INDEX(RFLEAK,2)*DURLNG*N162:
767	-IF[DIM_10=3,IF[OR[DIM_18=3,DIM_18=5],INDEX[RFLEAK,1]*DURLNG*N162:N174,INDEX[RFLEAK,2]*DURLNG*N162:
169	=iF(DIM_10=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLING*N162:N174,INDEX(RFLEAK,2)*DURLING*N162:N174),0)
168	=IF(DIM_10=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*N162:N174,INDEX(RFLEAK,2)*DURLNG*N162:N174),0)
170	=IF(DIM_10=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLING*N162:N174,INDEX(RFLEAK,2)*DURLING*N162:N174),0)
1/1	=IF(DIM_10=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*N162:N174,INDEX(RFLEAK,2)*DURLNG*N162:N174),0)
1/2	=IF(DIM_10=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*N162:N174,INDEX(RFLEAK,2)*DURLNG*N162:N174),0)
1/3	=IF(DIM_10=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLING*N162:N174,INDEX(RFLEAK,2)*DURLING*N162:N174),0)
	=IF(DIM_10=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLING*N162:N174,INDEX(RFLEAK,2)*DURLING*N162:N174),0)
175	
176	
177	EVAPORATION
170	=IF(DIM_11=1,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLING*N179:N191,INDEX(RFLEAK,2)*DURLING*N179:N191),0)
181	==[DIM_11=1,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLING*N179:N191,INDEX(RFLEAK,2)*DURLING*N179:N191),0)
187	=IF(DIM_11=1,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLING*N179:N191,INDEX(RFLEAK,2)*DURLING*N191,INDEX(RFLEAK,2)*DURLING*N179*N191,INDEX(RFLEAK,2)*DURLING*N179*N191,INDEX(RFLEAK,2)*DURLING*N179*N191,INDEX(RFLEAK,2)*DURLING*N179*N191,INDEX(RFLEAK,2)*DURLING*N179*N191,INDEX(RFLEAK,2)*DURLING*N179*N191,INDEX(RFLEAK,2)*DURLING*N179*N191,INDEX(RFLEAK,2)*DURLING*N179*N191*N191*N191*N191*N191*N191*N191
	-IF(DIM 11-1.IF(OR)DIM 19-3.DIM 18-5),INDEX(RFLEAK,1)*DURLING*N179:N191,INDEX(RFLEAK,2)*DURLING*N179:N191,I)
	=#F(DIM_11=1,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*N179:N191,INDEX(RFLEAK,2)*DURLNG*N179:N191,IO)
	-IFIDIM 11-1.IF(ORIDIM 18-3,DIM 18-5),INDEX/RFLEAK,1)*DURLING*N179:N191,INDEX/RFLEAK,2)*DURLING*N179:N191),0)
	-IF(DIM_11-1,IF(ORIDIM_18-3,DIM_18-5),INDEX(RFLEAK,1)*DURLNG*N179:N191,INDEX(RFLEAK,2)*DURLNG*N179:N191),0)
	-IF(DIM_11-1,IF(OR(DIM_18-3,DIM_18-5),INDEX(RFLEAK,1)*DURLNG*N179:N191,INDEX(RFLEAK,2)*DURLNG*N179:N191),0)
187	=IF(DIM_11=1,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*N179:N191,INDEX(RFLEAK,2)*DURLNG*N179:N191],0)
	-if(DIM_11=1,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*N179:N191,INDEX(RFLEAK,2)*DURLNG*N179:N191),0)
	-IF(DIM_11=1,IF(OR(DIM_18=5,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*N179:N191,INDEX(RFLEAK,2)*DURLNG*N179:N191),0)
	-if(DIM_11-1,IF(OR(DIM_18-3,DIM_18-5),INDEX(RFLEAK,1)*DURLNG*N179:N191,INDEX(RFLEAK,2)*DURLNG*N179:N191),0)
	=IF(DIM_11=1,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURLNG*N179:N191,INDEX(RFLEAK,2)*DURLNG*N179:N191),0)
192	
194	
195	
	DF
	DF =INDEX(MCDF,0,DIM_17)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
136	DF -INDEX(MCDF,0,DIM_17)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) -INDEX(MCDF,0,DIM_17)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
	DF -INDEX(MCDF,0,DIM_17)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) -INDEX(MCDF,0,DIM_17)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) -INDEX(MCDF,0,DIM_17)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
T99	DF -INDEX(MCDF,0,DIM_17)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) -INDEX(MCDF,0,DIM_17)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
799 200	DF INDEX(MCDF,0,DIM_17)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) INDEX(MCDF,0,DIM_17)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) INDEX(MCDF,0,DIM_17)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) INDEX(MCDF,0,DIM_17)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) INDEX(MCDF,0,DIM_17)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
199 200 201	DF -INDEX(MCDF,0,DIM_17)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) -INDEX(MCDF,0,DIM_17)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) -INDEX(MCDF,0,DIM_17)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) -INDEX(MCDF,0,DIM_17)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
799 200 201 202	DF =INDEX(MCDF,0,DIM_17)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) =INDEX(MCDF,0,DIM_17)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) =INDEX(MCDF,0,DIM_17)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) =INDEX(MCDF,0,DIM_17)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) =INDEX(MCDF,0,DIM_17)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) =INDEX(MCDF,0,DIM_17)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
199 200 201 202 203 204	DF INDEX(MCDF,0,DIM_17)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
199 200 201 202 203 204 205	DF INDEX(MCDF,0,DIM_17)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
199 200 201 202 203 204 205 206	DF INDEX(MCDF,0,DIM_17)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
799 200 201 202 203 204 205 206 207	DF INDEX(MCDF,0,DIM_17)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
799 200 201 202 203 204 205 206 207 208	DF INDEX(MCDF,0,DIM_17)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
799 200 201 202 203 204 205 206 207 208 209	DF INDEX(MCDF,0,DIM_17)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) =INDEX(MCDF,0,DIM_17)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
799 200 201 202 203 204 205 207 208 209 210	DF INDEX(MCDF,0,DIM_17)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
199 200 201 202 203 204 205 206 207 208 210 210	DF INDEX(MCDF,0,DIM_17)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
199 200 201 202 203 204 205 206 207 208 209 210 211 212	DF INDEX(MCDF,0,DIM_17)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
199 200 201 202 203 204 205 206 207 208 209 210 211 212 213	DF INDEX(MCDF,0,DIM_17)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) INDEX(MCDF,0,DIM_17)*INDEX(SNDDF,0,DIM_18) INDEX(MCDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
199 200 201 202 203 204 205 206 207 208 210 211 211 212 213	DF INDEX(MCDF,0,DIM_17)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) INDEX(MCDF,0,DIM_17)*INDEX(SNDDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) INDEX(MCDF,0,DIM_17)*INDEX(SNDDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) INDEX(MCDF,0,DIM_17)*INDEX(SNDDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) INDEX(MCDF,0,DIM_17)*INDEX(SNDDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
199 200 201 202 203 204 205 206 207 208 210 211 211 213 214 215	DF INDEX(MCDF,0,DIM_17)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) INDEX(MCDF,0,DIM_17)*INDEX(SNDDF,0,DIM_18) INDEX(MCDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
199 200 201 202 203 204 205 206 207 208 210 211 212 213 214 215	DF INDEX(MCDF,0,DIM_17)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) INDEX(MCDF,0,DIM_17)*INDEX(SNDDF,0,DIM_18) INDEX(MCDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
199 200 201 202 203 204 205 206 207 208 210 211 212 213 214 215	DF INDEX(MCDF,0,DIM_17)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) INDEX(MCDF,0,DIM_17)*INDEX(SNDDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
199 200 201 202 203 204 205 207 208 207 210 211 212 213 214 215 217 216 217	DF INDEX[MCDF,0,DIM_17]*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) INDEX[MCDF,0,DIM_17]*INDEX[VITDF,0,DIM_18]*INDEX(SNDDF,0,DIM_18) INDEX[MCDF,0,DIM_17]*INDEX[VITDF,0,DIM_18]*INDEX[SNDDF,0,DIM_18] INDEX[MCDF,0,DIM_17]*INDEX[VITDF,0,DIM_18]*INDEX[SNDDF,0,DIM_18] INDEX[MCDF,0,DIM_17]*INDEX[VITDF,0,DIM_18]*INDEX[SNDDF,0,DIM_18] INDEX[MCDF,0,DIM_17]*INDEX[MCDF,0,DIM_18]*INDEX[MCDF,0,DIM_18] INDEX[MCDF,0,DIM_17]*INDEX[MCDF,0,DIM_18]*INDEX[MCDF,0,DIM_18] INDEX[MCDF,0,DIM_17]*INDEX[MCDF,0,DIM_18]*INDEX[MCDF,0,DIM_18] INDEX[MCDF,0,DIM_18]*INDEX[MCDF,0,DIM_18]*INDEX[MCDF,0,DIM_18] INDEX[MCDF,0,DIM_18]*INDEX[MCDF,0,DIM_18]*INDEX[MCDF,0,DIM_18] INDEX[MCDF,0,DIM_18]*INDEX[MCDF,0,DIM_18]*INDEX[MCDF,0,DIM_18] INDEX[MCDF,0,DIM_18]*INDEX[MCDF,0,DIM_18]*INDEX[MCDF,0,DIM_18]*INDEX[MCDF,0,DIM_18]*INDEX[MCDF,0,DIM_18]*INDEX[MCDF,0,DIM_18]*INDEX[MCDF,0,D
199 200 201 202 203 204 205 207 208 207 210 211 212 213 214 215 217 216 217	DF INDEX(MCDF,0,DIM_17)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) =INDEX(MCDF,0,DIM_17)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) =INDEX(MCDF,0,DIM_17)*INDEX(SNDDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) =INDEX(MCDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) =INDEX(MCDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) =INDEX(MCDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) =INDEX(MCDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) =INDEX(MCDF,0,DIM_18)*INDEX(SNDBF,0,DIM_18) =INDEX(
199 200 201 202 203 204 205 207 208 209 210 210 211 212 213 214 215 217 217 217 217 217 217 217 217 217 217	DF INDEX[MCDF,0,DIM_17]*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) INDEX[MCDF,0,DIM_17]*INDEX[VITDF,0,DIM_18]*INDEX(SNDDF,0,DIM_18) INDEX[MCDF,0,DIM_17]*INDEX[VITDF,0,DIM_18]*INDEX[SNDDF,0,DIM_18] INDEX[MCDF,0,DIM_17]*INDEX[VITDF,0,DIM_18]*INDEX[SNDDF,0,DIM_18] INDEX[MCDF,0,DIM_17]*INDEX[VITDF,0,DIM_18]*INDEX[SNDDF,0,DIM_18] INDEX[MCDF,0,DIM_17]*INDEX[MCDF,0,DIM_18]*INDEX[MCDF,0,DIM_18] INDEX[MCDF,0,DIM_17]*INDEX[MCDF,0,DIM_18]*INDEX[MCDF,0,DIM_18] INDEX[MCDF,0,DIM_17]*INDEX[MCDF,0,DIM_18]*INDEX[MCDF,0,DIM_18] INDEX[MCDF,0,DIM_18]*INDEX[MCDF,0,DIM_18]*INDEX[MCDF,0,DIM_18] INDEX[MCDF,0,DIM_18]*INDEX[MCDF,0,DIM_18]*INDEX[MCDF,0,DIM_18] INDEX[MCDF,0,DIM_18]*INDEX[MCDF,0,DIM_18]*INDEX[MCDF,0,DIM_18] INDEX[MCDF,0,DIM_18]*INDEX[MCDF,0,DIM_18]*INDEX[MCDF,0,DIM_18]*INDEX[MCDF,0,DIM_18]*INDEX[MCDF,0,DIM_18]*INDEX[MCDF,0,DIM_18]*INDEX[MCDF,0,D
199 200 201 202 203 204 205 206 207 208 210 211 212 213 214 216 217 218 218 219 220 221 218 218 218 218 220 221	DF INDEX(MCDF,0,DIM_17)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) INDEX(MCDF,0,DIM_17)*INDEX(SNDDF,0,DIM_18) INDEX(MCDF,0,DIM_17)*INDEX(SNDDF,0,DIM_18) INDEX(MCDF,0,DIM_17)*INDEX(SNDDF,0,DIM_18) INDEX(MCDF,0,DIM_17)*INDEX(SNDDF,0,DIM_18) INDEX(MCDF,0,DIM_17)*INDEX(SNDDF,0,DIM_18) INDEX(MCDF,0,DIM_17)*INDEX(SNDDF,0,DIM_18) INDEX(MCDF,0,DIM_17)*INDEX(SNDDF,0,DIM_18) INDEX(MCDF,0,DIM_17)*INDEX(SNDDF,0,DIM_18) INDEX(MCDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) INDEX(MCDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) INDEX(MCDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) INDEX(MCDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) INDEX(MCDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) INDEX(MCDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) INDEX(MCDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) INDEX(MCDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) INDEX(MCDF,0,DIM_1
199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 217 218 220 221 221 222 223	DF INDEX(MCDF,0,DIM_17)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) INDEX(MCDF,0,DIM_17)*INDEX(SNDDF,0,DIM_18) INDEX(MCDF,0,DIM_17)*INDEX(SNDDF,0,DIM_18) INDEX(MCDF,0,DIM_17)*INDEX(SNDDF,0,DIM_18) INDEX(MCDF,0,DIM_17)*INDEX(SNDDF,0,DIM_18) INDEX(MCDF,0,DIM_17)*INDEX(SNDDF,0,DIM_18) INDEX(MCDF,0,DIM_17)*INDEX(SNDDF,0,DIM_18) INDEX(MCDF,0,DIM_18) INDEX(MCDF,0,DIM_1
199 200 201 201 202 203 204 205 206 207 207 210 211 212 213 214 215 216 217 218 220 221 221 222	DF "INDEX(MCDF,0,DIM_17)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) "INDEX(MCDF,0,DIM_17)*INDEX(SNDDF,0,DIM_18) "INDEX(MCDF,0,DIM_17)*INDEX(SNDDF,0,DIM_18) "INDEX(MCDF,0,DIM_17)*INDEX(SNDDF,0,DIM_18) "INDEX(MCDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) "INDEX(MCDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) "INDEX(MCDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) "INDEX(SNDDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) "INDEX(SNDDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) "INDEX(SNDDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) "INDEX(SNDDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) "INDEX(SNDDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) "INDEX(SNDDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) "INDEX(SNDDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) "INDEX(SNDDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) "INDEX(SNDDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) "INDEX(SNDDF,0,DIM
199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 221 221 221 222 222 222 222 222	DF INDEX(MCDF,0,DIM_17)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) INDEX(MCDF,0,DIM_17)*INDEX(SNDBF,0,DIM_18) INDEX(MCDF,0,DIM_17)*INDEX(SNDBF,0,DIM_18) INDEX(MCDF,0,DIM_18)*INDEX(SNDBF,0,DIM_18) INDEX(SNDBF,0,DIM_18)*INDEX(SNDBF,0,DIM_18) INDEX
199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 220 220 220 220 220 220 220 220 220 22	DF INDEX(MCDF,0,DIM_17)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) INDEX(MCDF,0,DIM_17)*INDEX(SNDDF,0,DIM_18) INDEX(MCDF,0,DIM_17)*INDEX(SNDDF,0,DIM_18) INDEX(MCDF,0,DIM_17)*INDEX(SNDDF,0,DIM_18) INDEX(MCDF,0,DIM_17)*INDEX(SNDDF,0,DIM_18) INDEX(SNDDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) INDEX(SNDDF,0,DIM_18)*INDEX(SNDF,0,DIM_18) INDEX(SNDDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) INDEX(S
199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 220 220 220 220 220 220 220 220 220 22	DF

	Р
153	#IF(DIM_9=4,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VI.EAKC*Stream_7,INDEX(RFLEAK,2)*DURSHT*VLEAKC*Stream_7),0)
754	=IF(DIM_9=4,IF(DR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VI.EAKC*Stream_7,INDEX(RFLEAK,2)*DURSHT*VLEAKC*Stream_7),0)
	=IF(DIM_9=4,IF(OR(DIM_18=3,DIM_19=5),INDEX(RFLEAK,1)*DURSHT*VI.EAKC*Stream_7,INDEX(RFLEAK,2)*DURSHT*VLEAKC*Stream_7),0) =IF(DIM_9=4,IF(OR(DIM_18=3,DIM_19=5),INDEX(RFLEAK,1)*DURSHT*VI.EAKC*Stream_7,INDEX(RFLEAK,2)*DURSHT*VLEAKC*Stream_7),0)
	-IF[DIM 9-4,IF[ORIDIM 19-3,DIM 19-5],INDEX[RFLEAK,1]*DURSHT*V.LEAKC*Stream 7,INDEX[RFLEAK,2]*DURSHT*V.LEAKC*Stream 7,INDEX[RFL
158	
159	
160	LEAK
	IF[DIM_10=4,IF(OR(DIM_19=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VLEAKC*Stream_7,INDEX(RFLEAK,2)*DURSHT*VLEAKC*Stream_7,0)
	-IF(DIM_10-4,IF(OR(DIM_19-3,DIM_19-5),INDEX(RFLEAK,1)*DURSHT*VLEAKC*Stream_7,INDEX(RFLEAK,2)*DURSHT*VLEAKC*Stream_7,0)
	=IF(DIM_10=4,IF(DR(DIM_19=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VLEAKC*Stream_7,INDEX(RFLEAK,2)*DURSHT*VLEAKC*Stream_7,0)
	=IF(DIM_10=4,IF(OR(DIM_19=3,DIM_19=5),INDEX(RFLEAK,1)*DURSHT*VLEAKC*Stream_7,INDEX(RFLEAK,2)*DURSHT*VLEAKC*Stream_7),0) =IF(DIM_10=4,IF(OR(DIM_19=3,DIM_19=5),INDEX(RFLEAK,1)*DURSHT*VLEAKC*Stream_7,INDEX(RFLEAK,2)*DURSHT*VLEAKC*Stream_7,0)
	=IF(DIM_10=4,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VLEAKC*Stream_7,INDEX(RFLEAK,2)*DURSHT*VLEAKC*Stream_7,0)
	-IF(DIM_10-4,IF(OR(DIM_19-3,DIM_19-5),INDEX(RFLEAK,1)*DURSHT*VLEAKC*Stream_7,INDEX(RFLEAK,2)*DURSHT*VLEAKC*Stream_7,IO
	=IF(DIM_10=4,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VLEAKC*Stream_7,INDEX(RFLEAK,2)*DURSHT*VLEAKC*Stream_7,0) =IF(DIM_10=4,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VLEAKC*Stream_7,INDEX(RFLEAK,2)*DURSHT*VLEAKC*Stream_7,0)
	=IF(DIM_10=4,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VLEAKC*Stream_7,INDEX(RFLEAK,2)*DURSHT*VLEAKC*Stream_7,0)
172	=IF(DIM_10=4,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VLEAKC*Stream_7,INDEX(RFLEAK,2)*DURSHT*VLEAKC*Stream_7],0)
	=IF(DIM_10=4,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VLEAKC*Stream_7,INDEX(RFLEAK,2)*DURSHT*VLEAKC*Stream_7),0)
1/3	=IF(DIM_10-4,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VLEAKC*Stream_7,INDEX(RFLEAK,2)*DURSHT*VLEAKC*Stream_7),0)
176	
777	
178	LEAK =IF(DIM_11=2,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VLEAKC*Stream_91,INDEX(RFLEAK,2)*DURSHT*VLEAKC*Stream_91),0)
	=F(DIM_11=2,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VLEAKC*Stream_91,INDEX(RFLEAK,2)*DURSHT*VLEAKC*Stream_91),0)
101	=IF(DIM_11=2,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT**/LEAKC*Stream_91,INDEX(RFLEAK,2)*DURSHT**/LEAKC*Stream_91),0)
	=IF(DIM_11=2,IF(OR(DIM_19=3,DIM_19=5),INDEX(RFLEAK,1)*DURSHT*VLEAKC*Stream_91,INDEX(RFLEAK,2)*DURSHT*VLEAKC*Stream_91),0)
	=if(DIM_11=2,if(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VLEAKC*Stream_91,INDEX(RFLEAK,2)*DURSHT*VLEAKC*Stream_91),0) =if(DIM_11=2,if(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VLEAKC*Stream_91,INDEX(RFLEAK,2)*DURSHT*VLEAKC*Stream_91),0)
	=IF(DIM_11=2,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VLEAKC*Stream_91,INDEX(RFLEAK,2)*DURSHT*VLEAKC*Stream_91),0)
186	=if(DIM_11=2.if(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VLEAKC*Stream_91,INDEX(RFLEAK,2)*DURSHT*VLEAKC*Stream_91),0)
	=IF(DIM_11=2,IF(OR(DIM_19=3,DIM_19=5),INDEX(RFLEAK,1)*DURSHT*VLEAKC*Stream_91,INDEX(RFLEAK,2)*DURSHT*VLEAKC*Stream_91),0)
	=if(Dim_11=2,if(Or(Dim_18=3,Dim_18=5),INDEX(RFLEAK,1)*DURSHT*VLEAKC*Stream_91,INDEX(RFLEAK,2)*DURSHT*VLEAKC*Stream_91),0) =if(Dim_11=2,if(Or(Dim_18=3,Dim_18=5),INDEX(RFLEAK,1)*DURSHT*VLEAKC*Stream_91,INDEX(RFLEAK,2)*DURSHT*VLEAKC*Stream_91),0}
	=IF(DIM_11=2,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*/LEAKC*Stream_91,INDEX(RFLEAK,2)*DURSHT*VLEAKC*Stream_91),D)
	in favorable and for a share and a second a seco
191	=IF(DIM_11=2,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*V/LEAKC*Stream_91,INDEX(RFLEAK,2)*DURSHT*V/LEAKC*Stream_91),0}
191 192	
191 192 193	
191 192 193 194 195	=IF(DIM_11=2,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VLEAKC*Stream_91,INDEX(RFLEAK,2)*DURSHT*VLEAKC*Stream_91),0) MELTER RELEASE
191 192 193 194 195 196	=IF(DIM_11=2,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT**/LEAKC*Stream_91,INDEX(RFLEAK,2)*DURSHT**/LEAKC*Stream_91),0) MELTER RELEASE =(H196:H208+J196:J208+L196:L208+N196:N208yO196:O208
191 192 193 194 195 196 197	=IF(DIM_11=2,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT**/LEAKC*Stream_91,INDEX(RFLEAK,2)*DURSHT**/LEAKC*Stream_91),0) MELTER RELEASE =(H196:H208+J196:J208+L196:L208+N196:N208yO196:O208 =(H196:H208+J196:J208+L196:L208+N196:N208yO196:O208
191 192 193 194 195 196 196 198	=IF(DIM_11=2,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT**/LEAKC*Stream_91,INDEX(RFLEAK,2)*DURSHT**/LEAKC*Stream_91),D) MELTER MELEASE -(H196:H208+J196:J208+L196:L208+N196:N208)O196:O208 -(H196:H208+J196:J208+L196:L208+N196:N208)O196:O208 -(H196:H208+J196:J208+L196:L208+N196:N208)O196:O208 -(H196:H208+J196:J208+L196:L208+N196:N208)O196:O208 -(H196:H208+J196:J208+L196:L208+N196:N208)O196:O208 -(H196:H208+J196:J208+L196:L208+N196:N208)O196:O208
191 192 193 194 195 196 196 198 198 199	=IF(DIM_11=2,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VLEAKC*Stream_91,INDEX(RFLEAK,2)*DURSHT*VLEAKC*Stream_91),0) MELTER RELEASE =(H196:H208+J196:J208+L196:L208+N196:N208)V0196:O208 =(H196:H208+J196:J208+L196:L208+N196:N208)V0196:O208 =(H196:H208+J196:J208+L196:L208+N196:N208)V0196:O208 =(H196:H208+J196:J208+L196:L208+N196:N208)V0196:O208 =(H196:H208+J196:J208+L196:L208+N196:N208)V0196:O208 =(H196:H208+J196:J208+L196:L208+N196:N208)V0196:O208 =(H196:H208+J196:J208+L196:L208+N196:N208)V0196:O208 =(H196:H208+J196:J208+L196:L208+N196:N208)V0196:O208
191 192 193 194 195 196 197 198 200 201	=IF(DIM_11=2,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT**/LEAKC*Stream_91,INDEX(RFLEAK,2)*DURSHT**VLEAKC*Stream_91),0) MELTER RELEASE =(H196:H208+J196:J208+L196:L208+N196:N208)V0196:O208 =(H196:H208+J196:J208+L196:L208+N196:N208)V0196:O208 =(H196:H208+J196:J208+L196:L208+N196:N208)V0196:O208 =(H196:H208+J196:J208+L196:L208+N196:N208)V0196:O208 =(H196:H208+J196:J208+L196:L208+N196:N208)V0196:O208 =(H196:H208+J196:J208+L196:L208+N196:N208)V0196:O208 =(H196:H208+J196:J208+L196:L208+N196:N208)V0196:O208 =(H196:H208+J196:J208+L196:L208+N196:N208)V0196:O208 =(H196:H208+J196:J208+L196:L208+N196:N208)V0196:O208
191 192 193 194 195 196 197 198 198 198 198 198 198 198 198 198 198	=IF(DIM_11=2,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT**/LEAKC*Stream_91,INDEX(RFLEAK,2)*DURSHT**VLEAKC*Stream_91),D) MELTER RELEASE =(H196:H208+J196:J208+L196:L208+N196:N208)O196:O208
193 193 195 195 196 196 198 198 198 198 198 198 198 198 198 198	######################################
193 193 195 195 196 196 198 198 198 198 198 198 198 198 198 198	=IF(DIM_11=2,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT**/LEAKC*Stream_91,INDEX(RFLEAK,2)*DURSHT**VLEAKC*Stream_91),0) MELTER RELEASE =(H196:H208+J196:J208+L196:L208+N196:N208)O196:O208
193 194 196 196 197 198 198 198 198 198 198 198 198 198 198	######################################
1933 1935 1936 1930 1930 1930 1930 1930 1930 1930 1930	=IF(DIM_11=2,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT**/LEAKC*Stream_91,INDEX(RFLEAK,2)*DURSHT**VLEAKC*Stream_91),0) MELTER RELEASE =(H196:H208+J196:J208+L196:L208+N196:N208)V0196:O208
1934 1936 1936 1936 1930 1930 1930 1930 1930 1930 1930 1930	=IF(DIM_11=2,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT**/LEAKC*Stream_91,INDEX(RFLEAK,2)*DURSHT**VLEAKC*Stream_91),D) MELTER RELEASE =(H196:H208+J196:J208+L196:L208+N196:N208)O196:O208
1934 1934 1936 1936 1930 1930 1930 1930 1930 1930 1930 1930	=IF(DIM_11=2,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT**/LEAKC*Stream_91,INDEX(RFLEAK,2)*DURSHT**VLEAKC*Stream_91),D) MELTER RELEASE =(H196:H208+J196:J208+L196:L208+N196:N208)O196:O208
1927 1934 1936 1938 1938 1938 1938 1938 1938 1938 1938	### ### ##############################
1973495 1986 1986 1986 1980 1980 1980 1980 1980 1980 1980 1980	### ### ##############################
1934 1956 1956 1956 1956 1956 1956 1956 1956	=IF(DIM_11=2,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*V/LEAKC*Stream_91,INDEX(RFLEAK,2)*DURSHT*VLEAKC*Stream_91,0) MELTER RELEASE =(H196:H208-J196:J208+L196:L208+N196:N208)/O196:O208 =(H196:H208-J196:J208+L196:L208-N196:N208)/O196:O208 =(H196:H208-J196:J208+L196:L208+N196:N208)/O196:O208
1934 1934 1936 1936 1930 1930 1930 1930 1930 1930 1930 1930	### ### ##############################
	### ### ##############################
T	=IF[DIM_11=2,IF[OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*\/LEAKC*Stream_91,INDEX(RFLEAK,2)*DURSHT*\/LEAKC*Stream_91,IO) MELTER RELEASE =(H196:H208+J196:J208+L196:L208+N196:N208)/O196:O208 =(H196:H208+J196:J208+N196:N208)/O196:O208 =(H196:H208+J196:J208+N196:N208)/O196:O208 =(H196:H208+J196:J208+N196:N208)/O196:O208 =(H196:H208+J196:J208+N196:N208)/O196:O208 =(H196:H208+J196:J208+N196:N208)/O196:O208 =(H196:H20
	=IF(DIM_11=2.IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*VLEAKC*Stream_91,INDEX(RFLEAK,2)*DURSHT*VLEAKC*Stream_91,IO) MELTER RELEASE =(H196:H208+J196:J208+L196:L208+N196:N208)*O196:O208 =(H196:H208+J196:J208+N196:N208)*O196:O208 =(H196:H208+J196:J208+N196:N208)*O196:O208 =(H196:H208+J196:J208+N196:N208)*O196:O208 =(H196:H208+N196:M208)*O196:O2
	### ### ### ### ### ### ### ### ### ##
191 1934 195 195 195 195 195 195 195 195 195 195	### ### ### ### ### ### ### ### ### ##
T934	### ### ### #### #####################
T934	### ### ### ### ### ### ### ### ### ##
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	### ### ##############################

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153	=IF(DIM_9=5,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFYENT,1)*DURLNG*G145:G157,INDEX(RFVENT,2)*DURLNG*G145:G157),0)
154	=IF(DIM_9=5,IF(DR(DIM_18=3,DIM_18=5),INDEX(RFVENT,1)*DURLNG*G145:G157,INDEX(RFVENT,2)*DURLNG*G145:G157),0}
	=IF(DIM_9=5,IF(OR(DIM_18=3,DIM_19=5),INDEX(RFVENT,1)*DURLNG*G145:G157,INDEX(RFVENT,2)*DURLNG*G145:G157,IO
	=iF(DIM_9=5,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFVENT,1)*DURLNG*G145:G157,INDEX(RFVENT,2)*DURLNG*G145:G157),0) =iF(DIM_9=5,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFVENT,1)*DURLNG*G145:G157,INDEX(RFVENT,2)*DURLNG*G145:G157),0)
158	
159	
160	
161	VENTING
162	=1F(DIM_10=5,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFVENT,1)*DURLNG*G162:G174,INDEX(RFVENT,2)*DURLNG*G162:G174,0)
163	=IF(DIM_10=5,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFVENT,1)*DURLNG*G162:G174,INDEX(RFVENT,2)*DURLNG*G162:G174,0) =IF(DIM_10=5,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFVENT,1)*DURLNG*G162:G174,INDEX(RFVENT,2)*DURLNG*G162:G174,0)
165	=IF(DIM_10=5.IF(OR(DIM_18=3,DIM_18=5),INDEX(RFVENT,1)*DURLNG*G162:G174.INDEX(RFVENT,2)*DURLNG*G162:G174).0)
766	=IF(DIM_10=5,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFVENT,1)*DURLNG*G162:G174,INDEX(RFVENT,2)*DURLNG*G162:G174),0)
167	=IF(DIM_10=5,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFVENT,1)*DURLNG*G162:G174,INDEX(RFVENT,2)*DURLNG*G162:G174),0)
100	= F DIM_10=5, F OR(DIM_18=3,DIM_18=5),INDEX(RFVENT,1)*DURLNG*G162:G174,INDEX(RFVENT,2)*DURLNG*G162:G174),0) = F DIM_10=5, F OR(DIM_18=3,DIM_18=5),INDEX(RFVENT,1)*DURLNG*G162:G174,INDEX(RFVENT,2)*DURLNG*G162:G174,0)
170	=IF(DIM_10=5,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFVENT,1)*DURLNG*G162:G174,INDEX(RFVENT,2)*DURLNG*G162:
777	-IF(DIM 10-5.IF(OR(DIM 18-3,DIM 18-5),INDEX(RFVENT,1)*DURLING*G162:G174,INDEX(RFVENT,2)*DURLING*G162:G174],0)
177Z	=IF(DIM 10=5.IF(OR(DIM 18=3.DIM 18=5),INDEX(RFVENT,1)*DURLNG*G162:G174,INDEX(RFVENT,2)*DURLNG*G162:G174).0)
173	=IF(DIM_10=5,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFVENT,1)*DURLNG*G162:G174,INDEX(RFVENT,2)*DURLNG*G162:G174),0)
1/3	=IF(DIM_10=5,IF(OR(DIM_18=5,DIM_18=5),INDEX(RFVENT,1)*DURLNG*G162:G174,INDEX(RFVENT,2)*DURLNG*G162:G174),0)
176	
177	
	VENTING
	=IF(DIM_11=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFVENT,1)*DURLING*G179:G191,INDEX(RFVENT,2)*DURLING*G179:G191,0)
	=IF(DIM_11=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFVENT,1)*DURLNG*G179:G191,INDEX(RFVENT,2)*DURLNG*G179:G191,I0) =IF(DIM_11=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFVENT,1)*DURLNG*G179:G191,INDEX(RFVENT,2)*DURLNG*G179:G191,I0)
	= F(DIM_11=3, F(OR(DIM_18=3,DIM_18=5), NDEX(RFVENT,1)*DURLNG*G179:G191, NDEX(RFVENT,2)*DURLNG*G179:G191,0)
	=IF[DIM_11=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFVENT,1)*DURLNG*G179:G191,INDEX(RFVENT,2)*DURLNG*G179:G191),0)
	-IF(DIM_11-3,IF(OR(DIM_18-3,DIM_18-5),INDEX(RFVENT,1)*DURLNG*G179:G191,INDEX(RFVENT,2)*DURLNG*G179:G191),0)
	#F[DIM_11=3,IF]OR[DIM_18=3,DIM_18=5],MDEX[RFVENT,1]*DURLING*6179:6191,MDEX[RFVENT,2]*DURLING*6179:6191,0)
	=IF(DIM_11=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFVENT,1)*DURLNG*G179:G191,INDEX(RFVENT,2)*DURLNG*G179:G191,0) =IF(DIM_11=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFVENT,1)*DURLNG*G179:G191,INDEX(RFVENT,2)*DURLNG*G179:G191,0)
	#IF(DIM_11=3,IF(OR(DIM_18=3,DIM_16=5),INDEX/RFVENT,1)*DURLING*G179:G191,INDEX/RFVENT,2)*DURLING*G179:G191),0)
	=IF(DIM_11=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFVENT,1)*DURLNG*G179:G191,INDEX(RFVENT,2)*DURLNG*G179:G191),0)
1190	-EINM 44-2 EIADINM 46-2 NM 48-4) INDEVIDENENT 4901 IDI NG98470-8484 INDEVIDENENT 5901 IDI NG98470-8494) 81
	=IF(DM_11=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(REVENT,1)*DURLNG*G179:G191,INDEX(REVENT,2)*DURLNG*G179:G191),0)
191	==F(DIM_11=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFVENT,1)*DURLNG*G179:G191,INDEX(RFVENT,2)*DURLNG*G179:G191,0)
191 192 193	
191 192 193 194	
191 192 193 194 195	
191 192 193 194 195 196	
191 192 193 194 195	
191 193 194 195 196 197 198 198	
191 192 193 194 195 196 197 198 199 200	
191 192 193 194 195 196 197 198 200 201	
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191 192 193 194 195 196 197 198 200 201 201 202 203 204 205 206	
191 192 193 194 195 196 197 198 200 201 201 202 203 204 205 206	
191 192 193 194 195 196 197 198 200 201 201 202 203 204 205 206	
191 192 193 194 195 196 197 198 200 201 202 203 204 205 206 207 208 209 210	
191 192 193 194 195 196 197 198 200 201 202 203 204 205 206 207 208 209 210 211	-IF(DIM_11=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFVENT,1)*DURLNG*G179:G191,INDEX(RFVENT,2)*DURLNG*G179:G191),0)
191 192 193 194 195 196 197 200 201 202 203 204 205 206 207 208 209 211 212	-IF(DIM_11=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFVENT,1)*DURLNG*G179:G191,INDEX(RFVENT,2)*DURLNG*G179:G191),0) RCT
191 192 193 194 195 196 197 200 201 203 204 205 206 207 208 209 210 211 211 213	-IF(DIM_11=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFVENT,1)*DURLNG*G179:G191,INDEX(RFVENT,2)*DURLNG*G179:G191),0)
191 192 193 194 195 196 197 198 200 201 203 204 205 206 207 208 209 210 211 211 213 214	-IF(DIM_11=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFVENT,1)*DURLNG*G179:G191,INDEX(RFVENT,2)*DURLNG*G179:G191),0) RCT
191 192 193 194 195 196 197 198 200 201 202 203 204 205 206 207 208 210 210 211 212 213 214 215 216 216 217 217 218	RCT RELEASE RCT_RELEASE RCT_RELEASE RCT_RCLEASE RCT_RCLEASE RCT_RCLEASE RCT_RCLEASE RCT_RCLEASE RCT_RCLEASE
191 192 193 194 195 196 197 198 200 201 202 203 204 205 207 207 207 207 210 211 212 213 214 216 216 217	RCT RELEASE =RCT_RELEASE
191 192 193 194 195 196 197 198 200 201 202 203 204 205 206 207 210 211 212 213 214 215 216 217 217 217 217 217 217 217 217 217 217	RCT RELEASE RCT_RELEASE
191 192 193 194 195 196 197 198 200 201 202 203 204 205 206 207 208 210 211 212 213 214 215 216 216 217 218 218 218 218 218 218 218 218 218 218	RCT RELEASE RCT_RELEASE
191 192 193 194 195 196 197 198 200 201 202 203 204 205 206 207 208 211 211 212 213 214 215 216 217 216 217 218 219 219 211 211 212 213 214 215 216 217 217 218 218 219 219 219 219 219 219 219 219 219 219	RCT RELEASE RCT_RELEASE
191 192 193 194 195 196 197 198 199 200 201 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220	RCT RELEASE RCT_RELEASE
191 192 193 194 195 196 197 198 200 201 202 203 204 205 206 207 210 211 212 213 214 215 216 217 217 218 217 218 221 221 221 221 221 221 221 221 221	=IF(DIM_11=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFVENT,1)*DURLING*G179:G191,INDEX(RFVENT,2)*DURLING*G179:G191],0) RCT RELEASE =RCT_RELEASE
191 192 193 194 195 196 197 198 200 201 202 203 204 205 206 207 210 211 212 213 214 215 216 217 218 218 219 220 221 221 222 223 224	=IF(DIM_11=3,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFVENT.1)*DURLING*G179:G191,INDEX(RFVENT.2)*DURLING*G179:G191],0) RCT RCT RELEASE =RCT_RELEASE
191 192 193 194 195 196 197 198 200 201 202 203 204 205 207 208 209 210 211 212 213 214 215 216 217 218 219 210 211 212 213 214 215 216 217 218 219 219 219 219 219 219 219 219 219 219	### ### ##############################
191 192 193 194 195 196 197 200 201 198 202 203 204 205 207 207 207 210 211 212 213 214 215 216 217 218 219 220 210 210 211 212 213 214 215 216 217 218 219 210 210 210 210 210 210 210 210 210 210	### PROPRIET OF THE PROPRIET O
191 192 193 194 195 196 197 198 200 201 202 203 204 205 207 207 210 211 212 213 214 215 216 217 218 219 220 221 210 210 211 212 213 214 215 216 217 218 219 210 210 210 210 210 210 210 210 210 210	=F(DIM_11=3,IF(OR(DIM_18=3.DIM_18=5),INDEX(RFVENT,1)*DURLNG*G178:G191,INDEX(RFVENT,2)*DURLNG*G178:G191),0) RCT RELEASE =RCT_RELEASE

	R
153	SECOND SHEET OR THE SECOND SHEET OF THE SECOND
154	=F(DM_8=4,F(OR(DM_18=3,DM_18=5),HDEX(RFLEAK,1)*DURSHT*VUCRSPL*Streem_7,HDEX(RFLEAK,2)*DURSHT*VUCRSPL*Streem_7,0)
155	=#F(DM_S=8,#F(DR(DM_18=3,DM_18=5),NDEX(RFLEAK,1)*DURSHT*VUCRSPL*Stream_7,NDEX(RFLEAK,2)*DURSHT*VUCRSPL*Stream_7,0) =#F(DM_S=8,#F(DR(DM_18=3,DM_18=5),NDEX(RFLEAK,1)*DURSHT*VUCRSPL*Stream_7,NDEX(RFLEAK,2)*DURSHT*VUCRSPL*Stream_7,0)
157	=F(DIM_8=6,F(OR(DIM_18=3,DIM_18=5),NDEX(RFLEAK,1)*DURSHT*VUCRSPL*Stream_7,NDEX(RFLEAK,2)*DURSHT*VUCRSPL*Stream_7,0)
158	
159	
160	UNCD RC'N
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1/4	
173	
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177	UNCO RCN
	UNCD NCW 104_F(OR(DM_18=3,DM_18=5,INDEX(RFLEAK,1)*DURSHT*Streem_91*VUCRSPL,INDEX(RFLEAK,2)*DURSHT*Streem_81*VUCRSPL)*VUCRC*Streem_91,0)
	-F(DM 11-4,F(OR(DM 18-3,DM 18-3,DM 18-3),NDEX(RFLEAK,1)*DURSHT*Streem 81*VUCRSPL,NDEX(RFLEAK,2)*DURSHT*Streem 81*VUCRSPL,>VUCRC*Streem 81.0)
	HF(DML_11=4,F(DR(DML_18=3,DML_18=5,DML_
	=IF(DIM_11=4,F(OR(DIM_18=3,DIM_18=5,MDEX(RFLEAK,1)*DURSHT*Streem_91*VUCRSPL,MDEX(RFLEAK,2)*DURSHT*Streem_91*VUCRSPL)*VUCRC*Streem_91,0) =IF(DIM_11=4,F(OR(DIM_18=3,DIM_18=5,MDEX(RFLEAK,1)*DURSHT*Streem_91*VUCRSPL,MDEX(RFLEAK,2)*DURSHT*Streem_91*VUCRSPL,MVUCRC*Streem_91,0)
	FIDM 11-4,FORDM 18-3,DM 18-5,MDEXRFLEAK,1)*DURSHT*Stream 91*VUCRSPL,NDEXRFLEAK,2)*DURSHT*Stream 91*VUCRSPL)*VUCRC*Stream 91,0)
	-IF(DIM_11-4.IF(DR(DIM_18-3,DIM_18-5,MDEX(RFLEAK,1)*DURSHT*Streem_81*VUCRSPL,MDEX(RFLEAK,2)*DURSHT*Streem_81*VUCRSPL)**VUCRC**Streem_81,0)
	=#F(DM_11=4,F(DR(DM_18=3,DM_18=5,MDEX(RFLEAK,1)*DURSHT*Streem_91*VUCRSPL,MDEX(RFLEAK,2)*DURSHT*Streem_91*VUCRSPL)*VUCRC*Streem_91,0) =#F(DM_11=4,F(DR(DM_18=3,DM_18=5,MDEX(RFLEAK,1)*DURSHT*Streem_91*VUCRSPL,MDEX(RFLEAK,2)*DURSHT*Streem_91*VUCRSPL,**VUCRSPL,
	=F(DM 11=4,F(DR(DM 18=3,DM 18=5,MDEX(RFLEAK,1)DURSHT'Streem 91*VUCRSPL,MDEX(RFLEAK,2)DURSHT'Streem 91*VUCRSPL,MDEX(RFLEAK,2)DURSHT'STRE
188	=F(DIM_11=4,F(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*Streem_81*VUCRSPL,INDEX(RFLEAK,2)*DURSHT*Streem_81*VUCRSPL,INDEX(RFLEAK,2)*DURSHT*Streem_81*VUCRSPL,INDEX(RFLEAK,2)*DURSHT*Streem_81*VUCRSPL,INDEX(RFLEAK,2)*DURSHT*Streem_81*VUCRSPL,INDEX(RFLEAK,2)*DURSHT*Streem_81*VUCRSPL,INDEX(RFLEAK,2)*DURSHT*Streem_81*VUCRSPL,INDEX(RFLEAK,2)*DURSHT*Streem_81*VUCRSPL,INDEX(RFLEAK,2)*DURSHT*Streem_81*VUCRSPL,INDEX(RFLEAK,2)*DURSHT*Streem_81*VUCRSPL,INDEX(RFLEAK,2)*DURSHT*Streem_81*VUCRSPL,INDEX(RFLEAK,2)*DURSHT*Streem_81*VUCRSPL,INDEX(RFLEAK,2)*DURSHT*Streem_81*VUCRSPL,INDEX(RFLEAK,2)*DURSHT*Streem_81*VUCRSPL,INDEX(RFLEAK,2)*DURSHT*Streem_81*VUCRSPL,INDEX(RFLEAK,2)*DURSHT*Streem_81*VUCRSPL,INDEX(RFLEAK,2)*DURSHT*Streem_81*VUCRSPL,INDEX(RFLEAK,3)*DURSHT*Streem_81*VUCRSPL,INDEX(RFLEAK,3)*DURSHT*Streem_81*VUCRSPL,INDEX(RFLEAK,3)*DURSHT*Streem_81*VUCRSPL,INDEX(RFLEAK,3)*DURSHT*Streem_81*VUCRSPL,INDEX(RFLEAK,3)*DURSHT*Streem_81*VUCRSPL,INDEX(RFLEAK,3)*DURSHT*Streem_81*VUCRSPL,INDEX(RFLEAK,3)*DURSHT*STREEM_81*VUCRSPL,I
	=#F(DM_11=4,F(OR(DM_18=3,DM_18=5),NDEX(RFLEAK,1)*DURSHT*Streem_91*VUCRSPL,NDEX(RFLEAK,2)*DURSHT*Streem_91*VUCRSPL)*VUCRC*Streem_91,0)
191 192	=IF(DIM_11=4,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*Stream_81*VUCRSPL,INDEX(RFLEAK,2)*DURSHT*Stream_81*VUCRSPL)*VUCRC*Stream_81,0)
191 192 193	=IF(DIM_11=4,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*Streem_91*VUCRSPL,INDEX(RFLEAK,2)*DURSHT*Streem_91*VUCRSPL)>VUCRC*Streem_91,0)
191 192 193 194	=IF(DIM_11=4,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*Stream_91*VUCRSPL,INDEX(RFLEAK,2)*DURSHT*Stream_91*VUCRSPL)**VUCRC*Stream_91,0)
191 192 193	=IF(DIM_11=4,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*Stream_91*VUCRSPL,INDEX(RFLEAK,2)*DURSHT*Stream_91*VUCRSPL)**VUCRC*Stream_91,0)
191 192 193 194 195 196	=IF(DIM_11=4,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*Stream_91*VUCRSPL,INDEX(RFLEAK,2)*DURSHT*Stream_91*VUCRSPL)**VUCRC*Stream_91,0)
191 192 193 194 195 196 197	=IF(DIM_11=4,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*Stream_91*VUCRSPL,INDEX(RFLEAK,2)*DURSHT*Stream_91*VUCRSPL)**VUCRC*Stream_91,0)
191 192 193 194 195 196	HF(DIM_11=4,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*Streem_91*VUCRSPL,INDEX(RFLEAK,2)*DURSHT*Streem_91*VUCRSPL)+VUCRC*Streem_91,0)
191 192 193 194 195 196 197 198 199 200 201	=#F(DIM_11=4,F(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*Streem_81*VUCRSPL,INDEX(RFLEAK,2)*DURSHT*Streem_81*VUCRSPL)>VUCRC*Streem_81,0)
191 192 193 194 195 196 197 198 199 200 201 202	HF(DIM_11=4,F(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*Streem_81*VUCRSPL,INDEX(RFLEAK,2)*DURSHT*Streem_81*VUCRSPL)+VUCRC*Streem_81,0)
191 192 193 194 195 196 197 198 200 201 202 203 203	=#F(DIM_11=4,F(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*Streem_91*VUCRSPL,INDEX(RFLEAK,2)*DURSHT*Streem_91*VUCRSPL,0)
191 192 193 194 195 196 197 198 200 201 201 202 203 204 204 205	#F(DIM_11=4,F(OR(DIM_18=3,DM_18=5),INDEX(RFLEAK,1)*DURSHT*Streem_91*VUCRSPL,INDEX(RFLEAK,2)*DURSHT*Streem_91*VUCRSPL)*VUCRC*Streem_91,0)
191 192 193 194 195 196 197 198 200 201 201 202 203 204 205 206	#F(DIM_11=4,F(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*Streem_81*VUCRSPL,INDEX(RFLEAK,2)*DURSHT*Streem_81*VUCRSPL)*VUCRC*Streem_81,0)
191 192 193 194 195 197 198 200 201 202 203 203 205 206 207	#F(DIM_11=4,F(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*Streem_81*VUCRSPL,INDEX(RFLEAK,2)*DURSHT*Streem_81*VUCRSPL)*VUCRC*Streem_81,0)
191 192 193 195 195 196 197 198 200 200 203 204 205 206 206 206 208 208	=#F(DIM_11=4,F(OR(DIM_18=3,DM_18=5),INDEX(RFLEAK,1)*DURSHT*Streem_81*VUCRSPL,INDEX(RFLEAK,2)*DURSHT*STREEM_81*VUCRSPL,INDEX(RFLEAK,2)*DURSHT*STREEM_81*VUCRSPL,I
T91 T92 T93 T94 T95 T96 T97 T98 Z00 Z01 Z02 Z02 Z03 Z04 Z05 Z06 Z07 Z08 Z09 Z10	#F(DIM_11=4_F(OR(DIM_18=3_DIM_18=5)_NDEX_RFLEAK_1)*DURSHT*Streem_81*VUCRSPL_NDEX_RFLEAK_2)*DURSHT*Streem_81*VUCRSPL\>VUCRC*Streem_91,0)
T91 192 193 194 195 196 197 198 201 201 203 205 206 207 208 208 209 211	=#F(DIM_11=4,IF(OR(DIM_18=3,DIM_18=5),INDEX(RFLEAK,1)*DURSHT*Stream_91*VUCRSPL,INDEX(RFLEAK,2)*DURSHT*Stream_91*VUCRSPL)*VUCRC*Stream_91,0)
T91 192 193 194 195 196 197 198 209 201 205 205 206 207 208 209 211 212	#F(DIM_11=4_F(OR(DIM_18=3_DIM_18=5)_NDEX_RFLEAK_1)*DURSHT*Streem_81*VUCRSPL_NDEX_RFLEAK_2)*DURSHT*Streem_81*VUCRSPL\>VUCRC*Streem_91,0)
T9T T9Z T93 T94 T95 T96 T97 T98 Z00 Z0T Z0Z Z0Z Z0Z Z0Z Z0Z Z0Z Z0Z Z1U Z1T Z1Z Z1Z	#F(DIM_11=4,F(OR(DIM_18=3,DIM_18=5),NIDEX(RFLEAK,1)*DURSHT*Stream_91*VUCRSPL_INDEX(RFLEAK,2)*DURSHT*Stream_61*VUCRSPL)*VUCRC*Stream_61,0) #ELTER #ELTER #ELTER_RELEASE #MELTER_RELEASE
T9T T9Z T93 T94 T95 T96 T97 T98 T202 Z01 Z02 Z03 Z06 Z07 Z08 Z07 Z08 Z11 Z12 Z13 Z13	MELTER RELEASE -MELTER RELEASE
T91 192 193 194 195 196 197 198 200 201 202 203 206 207 208 207 208 210 211 212 213 214	#F(DIM_11=4,F(OR(DIM_18=3,DIM_18=5),NIDEX(RFLEAK,1)*DURSHT*Stream_91*VUCRSPL_INDEX(RFLEAK,2)*DURSHT*Stream_61*VUCRSPL)*VUCRC*Stream_61,0) #ELTER #ELTER #ELTER_RELEASE #MELTER_RELEASE
T9T T9Z T93 T94 T95 T96 T97 T98 Z00 Z01 Z03 Z04 Z05 Z06 Z07 Z08 Z10 Z10 Z11 Z13 Z14 Z15 Z16 Z17 Z18	MELTER RELEASE
T9T T9Z T93 T94 T95 T96 T97 T98 T99 Z00 Z01 Z02 Z03 Z06 Z07 Z08 Z07 Z10 Z11 Z12 Z13 Z16 Z16 Z17 Z18 Z18	MELTER RELEASE
T9T T9Z T93 T94 T95 T96 T97 T98 T202 Z01 Z02 Z03 Z06 Z07 Z08 Z10 Z11 Z12 Z13 Z16 Z17 Z18 Z18 Z19 Z17	MELTER RELEASE
T9T T9Z T93 T94 T95 T96 T97 T98 T90 Z01 Z02 Z03 Z05 Z06 Z07 Z08 Z10 Z11 Z12 Z13 Z16 Z17 Z18 Z18 Z18 Z10 Z17	MELTER RELEASE
T9T T9Z T93 T94 T95 T96 T97 T98 Z00 Z01 Z02 Z03 Z06 Z07 Z08 Z07 Z08 Z10 Z11 Z13 Z14 Z15 Z16 Z17 Z18 Z18 Z22 Z23	MELTER RELEASE
T9T T9Z T93 T94 T95 T96 T97 T98 T202 Z01 Z02 Z03 Z06 Z07 Z08 Z07 Z10 Z11 Z13 Z16 Z16 Z17 Z18 Z18 Z18 Z20 Z21	MELTER RELEASE
T9T T9Z T93 T94 T95 T96 T97 T98 T90 Z01 Z02 Z03 Z05 Z06 Z07 Z08 Z10 Z11 Z12 Z13 Z16 Z17 Z18 Z17 Z18 Z17 Z18 Z23 Z23	MELTER RELEASE
T9T T9Z T93 T94 T95 T96 T97 T98 Z00 Z01 Z03 Z04 Z05 Z06 Z07 Z08 Z09 Z10 Z11 Z13 Z14 Z15 Z16 Z17 Z18 Z19 Z27 Z23 Z226	MELTER RELEASE

	S	
153	=IF(DIM_9=7,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_7*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_7*INDEX(RFLEAK,2)*DURSHT,0)	
154	==F(DIM_9=7.IF(OR(DIM_18=3.DIM_18=5),VOVFL*Stream_7*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_7*INDEX(RFLEAK,2)*DURSHT),0)	
1755	I=IF(DIM 9=7.IF(OR(DIM 18=3.DIM 18=5).VOVFL*Stream_7*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_7*INDEX(RFLEAK,2)*DURSHT),0]	
136	=IF(DIM_9=7,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_7*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_7*INDEX(RFLEAK,2)*DURSHT).0)	
	=IF(DIM_9=7,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_7*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_7*INDEX(RFLEAK,2)*DURSHT).0)	
158		
159		
	OVERFLOW	
	FF(DIM 10=6,IF(OR(DIM 18=3,DIM 18=5),VOVFL*Stream_7*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_7*INDEX(RFLEAK,2)*DURSHT),0)	
163	=IF(DIM_10=6,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_7*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_7*INDEX(RFLEAK,2)*DURSHT),0)	`
	=IF(DIM_10=5,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_7*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_7*INDEX(RFLEAK,2)*DURSHT),0)	
	=IF(DIM_10=6,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_7*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_7*INDEX(RFLEAK,2)*DURSHT),0)	
	=IF(DIM_10=5,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_T*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_T*INDEX(RFLEAK,2)*DURSHT),0)	
]=IF(DIM_10=6,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_7*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_7*INDEX(RFLEAK,2)*DURSHT),0)]=IF(DIM_10=6,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_7*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_7*INDEX(RFLEAK,2)*DURSHT),0)	
	=FDIM 10=6,FOR(DIM 18=3,DIM 18=5),VOVFL*Stream 7*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream 7*INDEX(RFLEAK,2)*DURSHT],0)	
	-IF(DIM_10-6,IF(OR(DIM_18-3,DIM_18-5),VOVFL*Stream_7*INDEX(RFLEAX,1)*DURSHT,VOVFL*Stream_7*INDEX(RFLEAX,2)*DURSHT,D)	
	=IF(DIM_10=6,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_7*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_7*INDEX(RFLEAK,2)*DURSHT).0)	
	=IF(DIM_10=6,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_*INDEX(RFLEAK,2)*DURSHT),0)	
	=IF(DIM_10=6,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_7*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_7*INDEX(RFLEAK,2)*DURSHT),0)	
	=IF(DIM_10=6,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_7*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_7*INDEX(RFLEAK,2)*DURSHT),0)	
1/6		
177		
	OVERFLOW	
179	=IF(DIM_11=5,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0)	
	=IF(DIM_11=5,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0)	
	==F(DIM_11=S,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAX,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAX,2)*DURSHT),0)	
	=IF(DIM_11=5,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0) =IF(DIM_11=5,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0)	
	=if(Dim_11=5,if(OR(Dim_18=5,Dim_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0)	
	-IF(DIM 11-5,IF(DR(DIM 19-3,DIM 18-5),VOVFL*Stream 91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream 91*INDEX(RFLEAK,2)*DURSHT),0)	
	-IF(DIM_11=5,IF(DR)DIM_18-3,DIM_18-5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0)	
187	=IF(DIM_11=5,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0)	
	-IF(DIM_11=5,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0)	
1109	=IF(DIM_11=5,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0)	
190	=IF(DIM_11=5,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0)	
190 191	=IF(DIM_11=5,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0) =IF(DIM_11=5,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0)	
190	=IF(DIM_11=5,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0) =IF(DIM_11=5,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0)	
190 191 192	=IF(DIM_11=5,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0) =IF(DIM_11=5,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0)	
190 191 192 193 194 195	=IF(DIM_11=5,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0) =IF(DIM_11=5,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0) SPC DEF.	
190 191 192 193 194 195 196	=IF(DIM_11=5,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0) =IF(DIM_11=5,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0) SPC DEF. =IF(DIM_13=1,[((RLEXSPC*Stream_3)/RHO)/T74:T86),0)	
190 191 192 193 194 195 196	=IF(DIM_11=5,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0) =IF(DIM_11=5,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0) SPC DEF. =IF(DIM_13=1,(((RLEXSPC*Stream_3)RHO)/T74:T86),0) =IF(DIM_13=1,(((RLEXSPC*Stream_3)RHO)/T74:T86),0)	
190 191 192 193 194 195 196 197	=IF(DIM_11=5,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0) =IF(DIM_11=5,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0) SPC DEF. =IF(DIM_13=1,(((RLEXSPC*Stream_3)/RHO)/T74:T86),0) =IF(DIM_13=1,(((RLEXSPC*Stream_3)/RHO)/T74:T86),0) =IF(DIM_13=1,(((RLEXSPC*Stream_3)/RHO)/T74:T86),0) =IF(DIM_13=1,(((RLEXSPC*Stream_3)/RHO)/T74:T86),0)	
190 191 192 193 194 195 196 197 198	=IF(DIM_11=5,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0) =IF(DIM_11=5,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0) SPC DEF. =IF(DIM_13=1,(((RLEXSPC*Stream_3)RHO)/T74:T86),0) =IF(DIM_13=1,(((RLEXSPC*Stream_3)RHO)/T74:T86),0) =IF(DIM_13=1,(((RLEXSPC*Stream_3)RHO)/T74:T86),0) =IF(DIM_13=1,(((RLEXSPC*Stream_3)RHO)/T74:T86),0) =IF(DIM_13=1,(((RLEXSPC*Stream_3)RHO)/T74:T86),0)	
190 191 193 194 195 196 197 198 199 200	=IF(DIM_11=5,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0) =IF(DIM_11=5,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0) SPC DEF. =IF(DIM_13=1,(((RLEXSPC*Stream_3)/RHO)/T74:T86),0) =IF(DIM_13=1,(((RLEXSPC*Stream_3)/RHO)/T74:T86),0) =IF(DIM_13=1,(((RLEXSPC*Stream_3)/RHO)/T74:T86),0) =IF(DIM_13=1,(((RLEXSPC*Stream_3)/RHO)/T74:T86),0) =IF(DIM_13=1,(((RLEXSPC*Stream_3)/RHO)/T74:T86),0) =IF(DIM_13=1,(((RLEXSPC*Stream_3)/RHO)/T74:T86),0)	
190 191 192 193 194 195 196 197 198 199 200 201	=IF(DIM_11=5,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0) =IF(DIM_11=5,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0) SPC DEF. =IF(DIM_13=1,(((RLEXSPC*Stream_3)/RHO)/T74:T86),0) =IF(DIM_13=1,(((RLEXSPC*Stream_3)/RHO)/T74:T86),0) =IF(DIM_13=1,(((RLEXSPC*Stream_3)/RHO)/T74:T86),0) =IF(DIM_13=1,(((RLEXSPC*Stream_3)/RHO)/T74:T86),0) =IF(DIM_13=1,(((RLEXSPC*Stream_3)/RHO)/T74:T86),0) =IF(DIM_13=1,(((RLEXSPC*Stream_3)/RHO)/T74:T86),0) =IF(DIM_13=1,((((RLEXSPC*Stream_3)/RHO)/T74:T86),0) =IF(DIM_13=1,(((RLEXSPC*Stream_3)/RHO)/T74:T86),0)	
190 191 192 193 194 195 196 197 198 200 201 201	=IF(DIM_11=5,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0) =IF(DIM_11=5,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0) SPC DEF. =IF(DIM_13=1,(((RLEXSPC*Stream_3)/RHO)/T74:T86),0) =IF(DIM_13=1,(((RLEXSPC*Stream_3)/RHO)/T74:T86),0) =IF(DIM_13=1,(((RLEXSPC*Stream_3)/RHO)/T74:T86),0) =IF(DIM_13=1,(((RLEXSPC*Stream_3)/RHO)/T74:T86),0) =IF(DIM_13=1,(((RLEXSPC*Stream_3)/RHO)/T74:T86),0) =IF(DIM_13=1,(((RLEXSPC*Stream_3)/RHO)/T74:T86),0)	
190 191 193 194 195 196 197 198 199 200 201 203 204	=IF(DIM_11=5,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0) =IF(DIM_11=5,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0) SPC DEF. =IF(DIM_13=1,(((RLEXSPC*Stream_3)RHO))T74:T86),0)	
190 191 192 193 194 195 196 197 198 200 200 201 202 203 204 205	=IF(DIM_11=5,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0) =IF(DIM_11=5,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0) SPC DEF. =IF(DIM_13=1,(((RLEXSPC*Stream_3)/RHO)/T74:T86),0) =IF(DIM_13=1,(((RLEXSPC*Stream_3)/RHO)/T74:T86),0) =IF(DIM_13=1,(((RLEXSPC*Stream_3)/RHO)/T74:T86),0) =IF(DIM_13=1,(((RLEXSPC*Stream_3)/RHO)/T74:T86),0) =IF(DIM_13=1,(((RLEXSPC*Stream_3)/RHO)/T74:T86),0) =IF(DIM_13=1,(((RLEXSPC*Stream_3)/RHO)/T74:T86),0) =IF(DIM_13=1,((((RLEXSPC*Stream_3)/RHO)/T74:T86),0) =IF(DIM_13=1,(((RLEXSPC*Stream_3)/RHO)/T74:T86),0) =IF(DIM_13=1,(((RLEXSPC*Stream_3)/RHO)/T74:T86),0) =IF(DIM_13=1,(((RLEXSPC*Stream_3)/RHO)/T74:T86),0) =IF(DIM_13=1,(((RLEXSPC*Stream_3)/RHO)/T74:T86),0) =IF(DIM_13=1,((((RLEXSPC*Stream_3)/RHO)/T74:T86),0) =IF(DIM_13=1,(((RLEXSPC*Stream_3)/RHO)/T74:T86),0)	
190 191 192 193 194 195 196 197 198 200 201 202 203 204 205 205	=IF(DIM_11=5,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0) =IF(DIM_11=5,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0) SPC DEF. =IF(DIM_13=1,((RLEXSPC*Stream_3)RHO)/T74:T86),0)	
190 191 192 193 194 196 197 198 200 201 202 203 204 205 206 207	=IF(DIM_11=5,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0) =IF(DIM_11=5,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0) SPC DEF. =IF(DIM_13=1,(((RLEXSPC*Stream_3)RHO)T74:T86),0)	
190 191 192 193 194 196 197 198 200 201 203 204 204 205 206 207 208	=IF(DIM_11=5,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0) =IF(DIM_11=5,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0) SPC DEF. =IF(DIM_13=1,(((RLEXSPC*Stream_3)RHO)T74:T86),0)	
190 191 193 194 195 196 197 199 200 201 202 203 204 205 207 206 207 208 209 209 210	=IF(DIM_11=5,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0) =IF(DIM_11=5,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0) SPC DEF. =IF(DIM_13=1,((RLEXSPC*Stream_3)RHO)/T74:T86),0) =IF(DIM_13=1,(((RLEXSPC*Stream_3)RHO)/T74:T86),0)	
190 191 192 194 195 196 197 198 200 201 203 204 205 206 207 208 209 209 209 209 209 209 209 209 209 209	=IF(DIM_11=5,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0) =IF(DIM_11=5,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0) SPC DEF. =IF(DIM_13=1,(((RLEXSPC*Stream_3)RHO)T74:T86),0)	
190 191 193 194 195 196 197 198 200 201 203 204 205 207 208 209 211 212	=iF(DIM_11=5,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0) =iF(DIM_11=5,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0) SPC DEF. =iF(DIM_13=1,(((RLEXSPC*Stream_3)/RHO)/T74:T86),0)	
190 191 193 194 195 196 197 198 200 201 203 204 205 206 207 208 209 210 210 211 213	=iF(DIM_11=5,iF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0) =iF(DIM_11=5,iF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0) SPC DEF. =iF(DIM_13=1,(((RLEXSPC*Stream_3)/RHO)/T74:T86),0)	
190 191 192 193 194 195 196 197 198 200 201 203 204 205 206 207 208 209 210 211 213 213 214	=iF(DIM_11=5,iF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0) =iF(DIM_11=5,iF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0) SPC DEF. =iF(DIM_13=1,(((RLEXSPC*Stream_3)RHO)T74:T86),0) =iF(DIM_13=1,(((RLEXSPC*Stream_3)RHO)T74:T86,0) =iF(DIM_13=1,(((RLEXSPC*Stream_3)RHO)T74:T86,0) =iF(DIM_13=1,(((RLEXSPC*Stream_3)RHO)T74:T86,0) =iF(DIM_13=1,(((RLEXSPC*Stream_3)RHO)T74:T86,0) =iF(DIM_13=1,(((RLEXSPC*Stream_3)RH	
790 191 192 193 194 195 196 197 200 201 202 203 204 205 207 208 207 208 211 212 213 214 213	=iF(DIM_11=5,iF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0) =iF(DIM_11=5,iF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0) SPC DEF. =iF(DIM_13=1,(((RLEXSPC*Stream_3)/RHO)/T74:T86),0)	
790 191 193 194 195 196 197 198 199 200 201 203 204 205 207 208 207 210 211 212 213 214 215 216 217	IF[DIM_11=5,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0)	
190 191 193 194 195 196 197 198 199 200 201 203 204 205 205 206 210 211 213 213 214 215 216 217 213	IF[OIM_11=5,IF[OR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0)	
790 191 193 194 195 196 197 198 199 200 201 203 204 205 206 207 208 209 211 213 213 216 216 216 216 217 218 218 218 218 218 218 218 218 218 218	IFICIM_11=5,IF(OR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0)	
190 191 193 194 195 196 197 198 200 201 203 204 205 207 208 209 211 213 213 214 215 217 213 214 215 217 213 214 215 217 213 217 217 218	IFICIM_11=5,IFICR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0) IFICIM_11=5,IFICR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0) SPC DEF.	
790 191 193 194 195 196 197 198 199 200 201 203 204 205 207 208 207 214 213 214 216 217 218 218 219 217 218 218 217 218 218 217 218 218 219 219 219 219 219 219 219 219 219 219	IF[DIM_11=5,IF[OR[DIM_18=3,DIM_18=5],VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0)	
190 191 192 193 194 195 196 197 198 199 200 201 203 204 205 206 207 208 210 211 213 214 215 216 217 218 219 220	IFICIM_11=5,IFICR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0) IFICIM_11=5,IFICR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0) SPC DEF.	
190 191 192 193 194 195 196 197 198 199 200 201 203 204 205 206 207 208 209 210 211 213 213 214 215 216 217 218 220 221	IFIDIM_11=5.IFICRIDIM_18=3.DIM_18=5).VOVFL*Stream_91*INDEX(RFLEAK.1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK.2)*DURSHT).0) IFIDIM_11=5.IFICR(DIM_18=3.DIM_18=5).VOVFL*Stream_91*INDEX(RFLEAK.1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK.2)*DURSHT).0) SPC DEF.	
190 191 193 194 195 196 197 200 201 203 204 205 207 208 207 213 213 214 215 217 213 214 215 217 213 214 215 217 213 214 215 217 217 218 217 218 217 218 218 218 218 218 218 218 218 218 218	IFICIM_11=5,IF(CR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_B1*INDEX(RFLEAK,2)*DURSHT),0) IFICIM_11=5,IF(CR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_B1*INDEX(RFLEAK,2)*DURSHT),0) SPC DEF.	
790 791 793 794 795 796 797 700 703 703 703 703 703 703 703 703 70	IFICIM_11=5_IF(CR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0) IFICIM_11=5_IF(CR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0) SPC DEF.	
790 791 793 794 795 796 797 700 703 703 703 703 703 703 703 703 70	IFICIM_11=5,IF(CR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0) IFICIM_11=5,IF(CR(DIM_18=3,DIM_18=5),VOVFL*Stream_91*INDEX(RFLEAK,1)*DURSHT,VOVFL*Stream_91*INDEX(RFLEAK,2)*DURSHT),0) SPC DEF.	

	T T
153	=INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
	=INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
	=INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
156	FINDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
	=INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
129	
159	
160	
161	=INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
	=INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_16)*INDEX(SNDDF,0,DIM_16)
	=INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
165	=INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
166	=INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
167	=INDEX(CPCDF,0,DIM_15)*INDEX(VITOF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
108	=INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)*INDEX(SNDOF,0,DIM_18)
169	=INDEX(CPCDF,0,DIM_15)*INDEX(VITOF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
170	-INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
	=INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
	-INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
	=INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) =INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18
173	=INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
176	
177	
178	
179	=INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
	=INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_16)*INDEX(SNDDF,0,DIM_18)
	-INDEX(CPCDF,0,DIM_15)"INDEX(VITDF,0,DIM_18)"INDEX(SNDDF,0,DIM_18)
	=INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
	=INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
	=INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)* -INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)* -INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)* -INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)* -INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)* -INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)* -INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)* -INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)* -INDEX(CPCDF,0,DIM_15)*
	=INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18) =INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
	=INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
	=INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
	=INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
	=INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
191	=INDEX(CPCDF,0,DIM_15)*INDEX(VITDF,0,DIM_18)*INDEX(SNDDF,0,DIM_18)
192	
193	
194	
	=IF(DIM_14=1,RFFIRE*(((IF(DIM_5=8,0,IF(DIM_5=7,VOVFL*Stream_3,IF(DIM_5=6,VUCRSPL*Stream_
197	=IF(DIM_14=1,RFFIRE*(((IF(DIM_5=8,0,IF(DIM_5=7,VOVFL*Stream_3,IF(DIM_5=6,VUCRSPL*Stream_
	=IF(DIM_14=1,RFFIRE*([(IF(DIM_5=8,0,IF(DIM_5=7,VOVFL*Stream_3,IF(DIM_5=6,VUCRSPL*Stream_
199	=IF(DIM_14=1,RFFIRE*([(IF(DIM_5=8,0,IF[DIM_5=7,VOVFL*Stream_3,IF(IXIM_5=6,VUCRSPL*Stream_
200	=IF(DIM_14=1,RFFIRE*(((IF(DIM_5=8,0,IF(DIM_5=7,VOVFL*Stream_3,IF(I)IM_5=6,VUCRSPL*Stream_
Z 01	=IF(DIM_14=1,RFFIRE*([(IF(DIM_5=8,0,IF(DIM_5=7,VOVFL*Stream_3,IF(DIM_5=6,VUCRSPL*Stream_
	=IF(DIM_14=1,RFFIRE*(((IF(DIM_5=8,0,IF(DIM_5=7,YOVFL*Stream_3,IF(INM_5=6,YUCRSPL*Stream_
	=IF(DIM_14=1,RFFIRE*(((IF(DIM_5=8,0,IF(DIM_5=7,VOVFL*Stream_3,IF(XIM_5=6,VUCRSPL*Stream_
	=IF(DIM_14=1,RFFIRE*(((IF(DIM_5=8,0,IF(DIM_5=7,VOVFL*Stream_3,IF(DIM_5=6,VUCRSPL*Stream_ =IF(DIM_14=1,RFFIRE*(((IF(DIM_5=8,0,IF(DIM_5=7,VOVFL*Stream_3,IF(DIM_5=6,VUCRSPL*Stream_
	="If(DIM_14=1,RFFIRE"(((IF(DIM_5=8,0,IF(DIM_5=7,VOVFL"Stream_3,IF(DIM_5=6,VUCRSPL"Stream_ ="IF(DIM_14=1,RFFIRE"(((IF(DIM_5=8,0,IF(DIM_5=7,VOVFL"Stream_3,IF(DIM_5=6,VUCRSPL"Stream_
	="r(DIM_14=1,RFFIRE"(((IF(DIM_5=8,0,IF(DIM_5=7,VOVFL"Stream_3,IF(DIM_5=6,VUCRSPL"Stream_ = F(DIM_14=1,RFFIRE"(((IF(DIM_5=8,0,IF(DIM_5=7,VOVFL"Stream_3,IF(DIM_5=6,VUCRSPL"Stream_
208	=IF(DIM_14=1,RFFIRE*(((IF(DIM_5=8,0,IF(DIM_5=7,VOVFL*Stream_3,IF(DIM_6=6,VUCRSPL*Stream_
209	=SUM(T196:T208)
210	
ZTT	
ZIZ	
Z13	
214 215	
216	
217	
218	
219	
220	
ZZT	
ZZZ	
ZZ3	
ZZ4	
ZZS	
ZZ6 ZZ7	
220	
1440	

1	U	V
153	-(H145:H157+J145:J157+L145:L157+M145:M157+O145:O157+P145:P157+Q145:Q157+R145:R157+S145:S157)(T145:T157)	
154	=(H145:H157+J145:J157+L145:L157+M145:M157+O145:O157+P145:P157+Q145:Q157+R145:R157+S145;S157)(T145:T157)	
155	∞(H145:H157+J145:J157+L145:L157+M145:M157+O145:O157+P145:P157+Q145:Q157+R145:R157+S145:S157)/(T145:T157)	- 1
156	=(H145:H157+J145:J157+L145:L157+M145:M157+O145:O157+P145:P157+Q145:Q157+R145:R157+S145:S157)(T145:T157)	
158	=(H145:H157+J145;J157+L145;L157+M145:M157+O145:O157+P145:P157+Q145:Q157+R145;R157+S145;S157)(T145:T157)	
159		
160		1
161	RELEASE	
162	=(H162:H174+J162:J174+L162:L174+M162:M174+O162:O174+P162:P174+Q162:Q174+R162:R174+S162:S174)(T162:T174)	
163	=(H162:H174+J162:J174+L162:L174+M162:M174+O162:O174+P162:P174+Q162:Q174+R162:R174+S162:S174)(T162:T174)	
104	#\ H162:\ H74+\J162:\ J174+\L162:\L174+\ M162:\ M174+O162:O174+P162:\ P174+\Q162:\ Q174+R162:\ R174+\S162:\ S174\ (T162:T174) #\ H162:\ H74+\J162:\ J174+\L162:\L174+\ M162:\ M174+O162:\ O174+P162:\ P174+\Q162:\ Q174+R162:\ R174+\S162:\ S174\ (T162:T174)	_
100	=[H162:H174+J162:J174+L162:L174+M162:M174+O162:O174+P162:P174+Q162:Q174+R162:R174+S162:S174)[T162:T174]	
767	=(H162:H174+J162:J174+L162:L174+M162:M174+O162:O174+P162:P174+Q162:Q174+R162:R174+S162:S174)(T162:T174)	
168	#(H162-H174+J162-J174+L162-L174+M162-M174+O162-O174+P162-P174+Q162-Q174+R162-R174+S162-S174y(T162-T174)	
ाठु	=(H162:H174+J162:J174+L162:L174+M162:M174+O162:O174+P162:P174+Q162:Q174+R162:R174+S162:S174)(T162:T174)	
170	=(H162:H174+J162:J174+L162:L174+M162:M174+O162:O174+P162:P174+Q162:Q174+R162:R174+S162:S174)(T162:T174)	
177	H162:H174+J162:J174+L162:L174+M162:M174+O162:O174+P162:P174+Q162:Q174+R162:R174+S162:S174)[T162:T174] H162:H174+J162:J174+L162:L174+M162:M174+O162:O174+P162:P174+Q162:Q174+R162:R174+S162:S174)[T162:T174]	
173	=(H162:H174+J162:J174+L162:L174+M162:M174+O162:O174+P162:P174+Q162:Q174+R162:R174+S162:S174)(T162:T174)	
174	= H162:H174+J162:J174+L162:L174+M162:M174+O162:O174+P162:P174+Q162:Q174+R162:R174+S162:S174Y(T162:T174)	
175		
176		
177	RCT RELEASE	
	RELEASE =(H179:H191+J179:J191+L179:L191+M179:M191+O179:O191+P179:P191+Q179:Q191+R179:R191+S179:S191)(T179:T191)	
	-(H179:H191+J179:J191+L179:L191+M179:M191+O179:O191+P179:P191+Q179:Q191+R179:R191+S179:S191)/(T179:T191)	
181	-(H179:H191+J179:J191+L179:L191+M179:M191+O179:O191+P179:P191+Q179:Q191+R179:R191+S179:S191)(T179:T191)	
	H179:H191+J179:J191+L179:L191+M179:M191+O179:O191+P179:P191+Q179:Q191+R179:R191+S179:S191)[T179:T191]	
	=(H179:H191+J179;J191+L179:L191+M179:M191+O179:O191+P179:P191+Q179:Q191+R179:R191+S179:S191)(T179:T191)	
185	#[H179:H191+J179:J191+L179:L191+M179:M191+O179:O191+P179:P191+Q179:Q191+R179:R191+S179:S191)[T179:T191] #[H179:H191+J179:J191+L179:L191+M179:M191+O179:O191+P179:P191+Q179:Q191+R179:R191+S179:S191)[T179:T191]	
	=(H179:H191+J179:J191+L179:L191+M179:M191+O179:O191+P179:P191+Q179:Q191+R179:R191+S179:S191)(T179:T191)	
787	-H179:H191+J179:J191+L179:L191+M179:M191+O179:O191+P179:P191+Q179:Q191+R179:R191+S179:S191y(T179:T191)	
	-(H179:H191+J179:J191+L179:L191+M179:M191+O179:O191+P179:P191+Q179:Q191+R179:R191+S179:S191WT179:T191)	
	=(H179:H191+J179:J191+L179:L191+M179:M191+O179:O191+P179:P191+Q179:Q191+R179:R191+S179:S191) T179:T191	
	=(H179;H191+J179;J191+L179;L191+M179;M191+O179;O191+P179;P191+Q179;Q191+R179;R191+S179;S1919(T179;T191) =(H179;H191+J179;J191+L179;L191+M179;M191+O179;O191+P179;P191+Q179;Q191+R179;R191+S179;S1919(T179;T191)	
192		
193		1 1
194	TOTAL	
194 195	TOTAL EFFECTS	
194 195 196	TOTAL EFFECTS =T196+S196	
194 195 196 197	TOTAL EFFECTS	
194 195 196 197 198	TOTAL EFFECTS =T196+S196 =T197+S197	
194 195 196 197 198 199 200	TOTAL EFFECTS =T196+S196 =T197+S197 =T198+S198 =T199+S199 =T200+S200	
194 195 196 197 198 199 200 201	TOTAL EFFECTS =T196+S196 =T197+S197 =T198+S198 =T199+S199 =T200+S200 =T201+S201	
194 195 196 197 198 199 200 201 202	TOTAL EFFECTS =T196+S196 =T197+S197 =T198+S198 =T199+S199 =T200+S200 =T201+S201 =T202+S202	
194 195 196 197 198 199 200 200 200 200 200 200 200	TOTAL EFFECTS =T196+S196 =T197+S197 =T198+S198 =T199+S199 =T200+S200 =T201+S201	
194 195 196 197 199 200 201 203 204 205	TOTAL EFFECTS =T196+S196 =T197+S197 =T198+S198 =T199+S199 =T200+S200 =T201+S201 =T201+S201 =T202+S202 =T203+S203 =T204-S204	
194 195 196 197 199 200 201 202 203 204 205 206	TOTAL EFFECTS =T196+S196 =T197+S197 =T198+S198 =T199+S199 =T200+S200 =T201+S201 =T202+S202 =T203+S203 =T204+S204 =T205+S205 =T206+S206	
194 195 196 197 198 199 200 201 203 205 205 205 205	TOTAL EFFECTS =T196+S196 =T197+S197 =T198+S198 =T199+S199 =T200+S200 =T201+S201 =T202+S202 =T203+S203 =T204-S204 =T205+S205 =T206-S206 =T207-S207	
194 195 196 197 198 200 201 202 203 204 205 206 207 208	TOTAL EFFECTS =T196+S196 =T197+S197 =T198+S198 =T199+S199 =T200+S200 =T201+S201 =T202+S202 =T203+S203 =T204-S203 =T204-S204 =T205+S205 =T205+S205 =T205+S205 =T205+S205	
194 195 196 197 198 200 201 202 203 204 205 206 207 208	TOTAL EFFECTS =T196+S196 =T197+S197 =T198+S198 =T199+S199 =T200+S200 =T201+S201 =T202+S202 =T203+S203 =T204-S204 =T205+S205 =T206-S206 =T207-S207	
194 195 196 197 198 199 201 203 205 205 205 208 208 208 208 208 208 208 208 208 208	TOTAL EFFECTS =T196+S196 =T197+S197 =T198+S198 =T199+S199 =T200+S200 =T201+S201 =T202+S202 =T203+S203 =T204-S203 =T204-S204 =T205+S205 =T205+S205 =T205+S205 =T205+S205	
194 195 196 197 198 201 203 203 203 203 203 203 203 203 203 203	TOTAL EFFECTS =T196+S196 =T197+S197 =T198+S198 =T199+S199 =T200+S200 =T201+S201 =T202+S202 =T203+S203 =T204-S203 =T204-S204 =T205+S205 =T205+S205 =T205+S205 =T205+S205	
1966	TOTAL EFFECTS =T196+S196 =T197+S197 =T198+S198 =T199+S199 =T200+S200 =T201+S201 =T202+S202 =T203+S203 =T204-S203 =T204-S204 =T205+S205 =T205+S205 =T205+S205 =T205+S205	
194 195 196 198 198 198 198 198 198 198 198 198 198	TOTAL EFFECTS =T196+S196 =T197+S197 =T198+S198 =T199+S199 =T200+S200 =T201+S201 =T202+S202 =T203+S203 =T204-S203 =T204-S204 =T205+S205 =T205+S205 =T205+S205 =T205+S205	
1966	TOTAL EFFECTS =T196+S196 =T197+S197 =T198+S198 =T199+S199 =T200+S200 =T201+S201 =T202+S202 =T203+S203 =T204-S203 =T204-S204 =T205+S205 =T205+S205 =T205+S205 =T205+S205	
194 195 195	TOTAL EFFECTS =T196+S196 =T197+S197 =T198+S198 =T199+S199 =T200+S200 =T201+S201 =T202+S202 =T203+S203 =T204-S203 =T204-S204 =T205+S205 =T205+S205 =T205+S205 =T205+S205	
194 195 196 198 198	TOTAL EFFECTS =T196+S196 =T197+S197 =T198+S198 =T199+S199 =T200+S200 =T201+S201 =T202+S202 =T203+S203 =T204-S203 =T204-S204 =T205+S205 =T205+S205 =T205+S205 =T205+S205	
194 195 196 198 198 199 199 199 199 199 199 199 199	TOTAL EFFECTS =T196+S196 =T197+S197 =T198+S198 =T199+S199 =T200+S200 =T201+S201 =T202+S202 =T203+S203 =T204-S203 =T204-S204 =T205+S205 =T205+S205 =T205+S205 =T205+S205	
194 195 196 197 198 199 201 203 203 203 203 203 203 203 203 203 203	TOTAL EFFECTS =T196+S196 =T197+S197 =T198+S198 =T199+S199 =T200+S200 =T201+S201 =T202+S202 =T203+S203 =T204-S203 =T204-S204 =T205+S205 =T205+S205 =T205+S205 =T205+S205	
194 195 196 198 198 199 199 199 199 199 199 199 199	TOTAL EFFECTS =T196+S196 =T197+S197 =T198+S198 =T199+S199 =T200+S200 =T201+S201 =T202+S202 =T203+S203 =T204-S203 =T204-S204 =T205+S205 =T205+S205 =T205+S205 =T205+S205	
194 195 197 198 199 200 200 200 200 200 200 200 200 200 2	TOTAL EFFECTS =T196+S196 =T197+S197 =T198+S198 =T199+S199 =T200+S200 =T201+S201 =T202+S202 =T203+S203 =T204-S203 =T204-S204 =T205+S205 =T205+S205 =T205+S205 =T205+S205	
194 195 196 197 198 201 203 203 203 203 203 203 203 203 203 203	TOTAL EFFECTS =T196+S196 =T197+S197 =T198+S198 =T199+S199 =T200+S200 =T201+S201 =T202+S202 =T203+S203 =T204-S203 =T204-S204 =T205+S205 =T205+S205 =T205+S205 =T205+S205	
194 195 196 197 198 199 201 203 204 205 205 207 208 207 208 207 217 218 217 218 217 218 217 218 217 218 217 220 221 221 221 221 221 221 221 221 221	TOTAL EFFECTS =T196+S196 =T197+S197 =T198+S198 =T199+S199 =T200+S200 =T201+S201 =T202+S202 =T203+S203 =T204-S203 =T204-S204 =T205+S205 =T205+S205 =T205+S205 =T205+S205	
194 195 196 197 198 199 200 200 200 200 200 200 200 200 200 2	TOTAL EFFECTS =T196+S196 =T197+S197 =T198+S198 =T199+S199 =T200+S200 =T201+S201 =T202+S202 =T203+S203 =T204-S203 =T204-S204 =T205+S205 =T205+S205 =T205+S205 =T205+S205	
194 195 196 197 198 199 200 200 200 200 200 200 200 200 200 2	TOTAL EFFECTS =T196+S196 =T197+S197 =T198+S198 =T199+S199 =T200+S200 =T201+S201 =T202+S202 =T203+S203 =T204-S203 =T204-S204 =T205+S205 =T205+S205 =T205+S205 =T205+S205	

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	W	X	Y
153		Stream 1	Stream 3
154		=IF(Operation_Mode=1,Mode_AB,Mode_C)	=iF(Operation_Mode=1,Mode_AB,Mode_C)
155		=iF(Operation_Mode=1,Mode_AB,Mode_C)	=IF(Operation_Mode=1,Mode_AB,Mode_C)
	RU106	=IF(Operation_Mode=1,Mode_AB,Mode_C)	=IF(Operation_Mode=1,Mode_AB,Mode_C)
157	CS134	=IF(Operation_Mode=1,Mode_AB,Mode_C)	=IF(Operation_Mode=1,Mode_AB,Mode_C)
	CS137	=IF(Operation_Mode=1,Mode_AB,Mode_C)	=IF(Operation_Mode=1,Mode_AB,Mode_C)
159	CE144	=IF(Operation_Mode=1,Mode_AB,Mode_C)	=IF(Operation_Mode=1,Mode_AB,Mode_C)
160	PM147	=IF(Operation_Mode=1,Mode_AB,Mode_C)	=iF(Operation_Mode=1,Mode_AB,Mode_C)
161	PU238	=IF(Operation_Mode=1,Mode_AB,Mode_C)	=iF(Operation_Mode=1,Mode_AB,Mode_C)
162	PU239	=IF(Operation_Mode=1,Mode_AB,Mode_C)	=IF(Operation_Mode=1,Mode_AB,Mode_C)
	PU240	=IF(Operation_Mode=1,Mode_AB,Mode_C)	=F(Operation_Mode=1,Mode_AB,Mode_C)
164	PU241	=IF(Operation_Mode=1,Mode_AB,Mode_C)	□F(Operation_Mode=1,Mode_AB,Mode_C)
165	AM241	=IF(Operation_Mode=1,Mode_AB,Mode_C)	=IF(Operation_Mode=1,Mode_AB,Mode_C)
166	CM244	=IF(Operation_Mode=1,Mode_AB,Mode_C)	≈IF(Operation_Mode=1,Mode_AB,Mode_C)
767			
168			
169			
170	CB - Modes A&B		
171		Cirgal	Cirgal
77Z	Isotope	Stream 1	Stream 3
773		0.0000193	0
174		40.5	10
	RU106	2	0
	CS134	0.141	0
	CS137	0.114	0
	CE144	8.74	0
	PM147	21.4	0
	PU238	1.3	0
	PU239	0.0113	0
	PU240	0.00759	0
	PU241	1.46	0
	AM241	0.00947	0
	CM244	0.094	0
186			
187			
	CB - Mode C		
189 190		Stream 1	Stream 3
191		0.0000193	0.000957
	RU106	40.5	0.0000336
	CS134	0.141	0.178
	CS137	1.34	49.2
	CE144	8.74	0.0000547
	PM147	4 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	10.00000347
		94.4	0.00703
: 19/1		21.4	0.00703
	PU238	1.3	0.0163
198	PU238 PU239	1.3 0.0113	0.0163 0.000154
198 199	PU238 PU239 PU240	1.3 0.0113 0.00759	0.0163 0.000154 0.000104
198 199 200	PU238 PU239 PU240 PU241	1.3 0.0113 0.00759 1.46	0.0163 0.000154 0.000104 0.0124
198 199 200 201	PU238 PU239 PU240 PU241 AM241	1.3 0.0113 0.00759 1.46 0.00947	0.0163 0.000154 0.000104 0.0124 0.000257
198 199 200 201 202	PU238 PU239 PU240 PU241	1.3 0.0113 0.00759 1.46	0.0163 0.000154 0.000104 0.0124
198 199 200 201 202 203	PU238 PU239 PU240 PU241 AM241	1.3 0.0113 0.00759 1.46 0.00947	0.0163 0.000154 0.000104 0.0124 0.000257
198 199 200 201 202 203 204	PU238 PU239 PU240 PU241 AM241 CM244	1.3 0.0113 0.00759 1.46 0.00947	0.0163 0.000154 0.000104 0.0124 0.000257
198 199 200 201 202 203 204 205	PU238 PU239 PU240 PU241 AM241 CM244	1.3 0.0113 0.00759 1.46 0.00947	0.0163 0.000154 0.000104 0.0124 0.000257
198 199 200 201 202 203 204	PU238 PU239 PU240 PU241 AM241 CM244	1.3 0.0113 0.00759 1.46 0.00947	0.0163 0.000154 0.000104 0.0124 0.000257
198 199 200 201 202 203 204 205 206 207	PU238 PU239 PU240 PU241 AM241 CM244	1.3 0.0113 0.00759 1.46 0.00947	0.0163 0.000154 0.000104 0.0124 0.000257
198 199 200 201 202 203 204 205 206	PU238 PU239 PU240 PU241 AM241 CM244	1.3 0.0113 0.00759 1.46 0.00947	0.0163 0.000154 0.000104 0.0124 0.000257
198 199 200 201 202 203 204 205 206 207 208	PU238 PU239 PU240 PU241 AM241 CM244	1.3 0.0113 0.00759 1.46 0.00947	0.0163 0.000154 0.000104 0.0124 0.000257
198 199 200 201 202 203 204 205 206 207 208 209 210	PU238 PU239 PU240 PU241 AM241 CM244	1.3 0.0113 0.00759 1.46 0.00947	0.0163 0.000154 0.000104 0.0124 0.000257
198 199 200 201 202 203 204 205 206 207 208 209 210 211	PU238 PU239 PU240 PU241 AM241 CM244	1.3 0.0113 0.00759 1.46 0.00947	0.0163 0.000154 0.000104 0.0124 0.000257
198 199 200 201 202 203 204 205 206 207 208 209 210 211 211	PU238 PU239 PU240 PU241 AM241 CM244	1.3 0.0113 0.00759 1.46 0.00947	0.0163 0.000154 0.000104 0.0124 0.000257
198 199 200 201 202 203 204 205 206 207 208 209 210 211	PU238 PU239 PU240 PU241 AM241 CM244	1.3 0.0113 0.00759 1.46 0.00947	0.0163 0.000154 0.000104 0.0124 0.000257
196 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214	PU238 PU239 PU240 PU241 AM241 CM244	1.3 0.0113 0.00759 1.46 0.00947	0.0163 0.000154 0.000104 0.0124 0.000257
196 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215	PU238 PU239 PU240 PU241 AM241 CM244	1.3 0.0113 0.00759 1.46 0.00947	0.0163 0.000154 0.000104 0.0124 0.000257
196 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214	PU238 PU239 PU240 PU241 AM241 CM244	1.3 0.0113 0.00759 1.46 0.00947	0.0163 0.000154 0.000104 0.0124 0.000257
198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216	PU238 PU239 PU240 PU241 AM241 CM244	1.3 0.0113 0.00759 1.46 0.00947	0.0163 0.000154 0.000104 0.0124 0.000257
198 199 200 201 202 203 204 205 206 207 208 209 210 212 213 214 215 217 216	PU238 PU239 PU240 PU241 AM241 CM244	1.3 0.0113 0.00759 1.46 0.00947	0.0163 0.000154 0.000104 0.0124 0.000257
198 199 200 201 203 204 205 206 207 208 209 210 211 212 213 216 216 217	PU238 PU239 PU240 PU241 AM241 CM244	1.3 0.0113 0.00759 1.46 0.00947	0.0163 0.000154 0.000104 0.0124 0.000257
198 199 200 201 202 203 204 205 206 207 208 209 210 212 213 214 215 217 216	PU238 PU239 PU240 PU241 AM241 CM244	1.3 0.0113 0.00759 1.46 0.00947	0.0163 0.000154 0.000104 0.0124 0.000257
198 199 200 201 203 204 205 206 207 208 209 210 211 212 213 216 217 218 219 217 218	PU238 PU239 PU240 PU241 AM241 CM244	1.3 0.0113 0.00759 1.46 0.00947	0.0163 0.000154 0.000104 0.0124 0.000257
198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 220 220 220 220 220 220 220 220 22	PU238 PU239 PU240 PU241 AM241 CM244	1.3 0.0113 0.00759 1.46 0.00947	0.0163 0.000154 0.000104 0.0124 0.000257
198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222	PU238 PU239 PU240 PU241 AM241 CM244	1.3 0.0113 0.00759 1.46 0.00947	0.0163 0.000154 0.000104 0.0124 0.000257
198 199 201 201 203 204 205 206 207 208 207 210 211 2112 213 214 215 216 217 218 219 220 221 223 224	PU238 PU239 PU240 PU241 AM241 CM244	1.3 0.0113 0.00759 1.46 0.00947	0.0163 0.000154 0.000104 0.0124 0.000257
198 199 200 201 203 204 205 206 207 208 209 210 211 212 213 216 217 218 219 210 217 218 219 217 218 219 217 218 218 219 217 218 218 219 217 218 218 218 218 218 218 218 218 218 218	PU238 PU239 PU240 PU241 AM241 CM244	1.3 0.0113 0.00759 1.46 0.00947	0.0163 0.000154 0.000104 0.0124 0.000257
198 199 200 201 203 204 203 206 207 208 209 211 212 213 214 215 216 217 218 217 218 220 221 220 220 220	PU238 PU239 PU240 PU241 AM241 CM244	1.3 0.0113 0.00759 1.46 0.00947	0.0163 0.000154 0.000104 0.0124 0.000257
198 199 200 200 200 200 200 200 200 200 200 2	PU238 PU239 PU240 PU241 AM241 CM244	1.3 0.0113 0.00759 1.46 0.00947	0.0163 0.000154 0.000104 0.0124 0.000257

	Z	AA	AB
78.7		Stream 18	Stream 19
	Stream 7 =IF(Operation_Mode=1,Mode_AB,Mode_C)	Stream 18 =(F(Operation_Mode=1,Mode_AB,Mode_C)	=IF(Operation_Mode=1,Mode_AB,Mode_C)
	=IF(Operation_Mode=1,Mode_AB,Mode_C)	=IF(Operation_Mode=1,Mode_AB,Mode_C)	=F{Operation_Mode=1,Mode_AB,Mode_C}
	=IF(Operation_Mode=1,Mode_AB,Mode_C)	=iF(Operation_Mode=1,Mode_AB,Mode_C)	=F(Operation_Mode=1,Mode_AB,Mode_C)
	=IF(Operation_Mode=1,Mode_AB,Mode_C)	=iF(Operation_Mode=1,Mode_AB,Mode_C)	=IF(Operation_Mode=1,Mode_AB,Mode_C)
	=iF(Operation_Mode=1,Mode_AB,Mode_C)	=IF(Operation_Mode=1,Mode_AB,Mode_C)	#IF(Operation_Mode=1,Mode_AB,Mode_C)
	=IF(Operation Mode=1,Mode AB,Mode C)	= F(Operation Mode=1,Mode AB,Mode C)	=iF(Operation_Mode=1,Mode_AB,Mode_C)
	*IF(Operation_Mode=1,Mode_AB,Mode_C)	=IF(Operation_Mode=1,Mode_AB,Mode_C)	=IF(Operation_Mode=1,Mode_AB,Mode_C)
	=iF(Operation_Mode=1,Mode_AB,Mode_C)	=IF(Operation_Mode=1,Mode_AB,Mode_C)	=IF(Operation_Mode=1,Mode_AB,Mode_C)
165	=IF(Operation_Mode=1,Mode_AB,Mode_C)	=iF(Operation_Mode=1,Mode_AB,Mode_C)	=IF(Operation_Mode=1,Mode_AB,Mode_C)
166	=IF(Operation Mode=1,Mode AB,Mode C)	=IF(Operation_Mode=1,Mode_AB,Mode_C)	=!F(Operation_Mode=1,Mode_AB,Mode_C)
167			
168		•	
169			
170		*	
171	Cl/gal	Ci/gal	Cigal
	Stream 7	Stream 18	Stream 19
	0.0000535	0	0
174		0	0
175		0	0
176		0	0 .
177		0	0
178		10	0
179		0	0
180		0	0
	0.00984	0	0
	0.00664	0	0
183		0	0
184		0	0
185		10	0
186	v.ve2	<u> </u>	
187			
188			· · · · · · · · · · · · · · · · · · ·
	Stream 7	Stream 18	Stream 19
	0.0000535	0	0
191		10	0
192		0	io .
193		0	0
194		0	0
195		0	0
196		0	0
197		0	io .
	0.00984	0	0
199		0	0
200		0	0
201		C	i i
ZUZ		0	0
203			
204			
205			
206			
207			İ
208		<u> </u>	
209		İ	
210			
Ziil	· · · · · · · · · · · · · · · · · · ·		
Ziz	 		
213			
214	······································		
215			
216			
217			
218			
219			·
220			
221			
222			
	<u> </u>		<u> </u>
223			
224			
225			
226			
221			
228		<u> </u>	

	AC	AD	AE
153 SE		Stream 24	Stream 91
	F(Operation_Mode=1,Mode_AB,Mode_C)	=IF(Operation_Mode=1,Mode_AB,Mode_C)	≈IF(Operation_Mode=1,Mode_AB,Mode_C)
	F(Operation_Mode=1,Mode_AB,Mode_C)	=IF(Operation_Mode=1,Mode_AB,Mode_C)	=IF(Operation_Mode=1,Mode_AB,Mode_C)
	F(Operation_Mode=1,Mode_AB,Mode_C)	=IF(Operation_Mode=1,Mode_AB,Mode_C)	=IF(Operation_Mode=1,Mode_AB,Mode_C)
157 -IF	F(Operation_Mode=1,Mode_AB,Mode_C)	=IF(Operation_Mode=1,Mode_AB,Mode_C)	=iF(Operation_Mode=1,Mode_AB,Mode_C)
150 -IF	F(Operation_Mode=1,Mode_AB,Mode_C)	#IF(Operation_Mode=1,Mode_AB,Mode_C)	=IF(Operation_Mode=1,Mode_AB,Mode_C)
	F(Operation_Mode=1,Mode_AB,Mode_C)	=IF(Operation_Moder=1,Mode_AB,Mode_C)	"IF{Operation_Mode=1,Mode_AB,Mode_C}
	F(Operation_Mode=1,Mode_AB,Mode_C)	=iF(Operation_Mode=1,Mode_AB,Mode_C)	=IF(Operation_Mode=1,Mode_AB,Mode_C)
	F(Operation_Mode=1,Mode_AB,Mode_C)	=iF(Operation_Mode*1,Mode_AB,Mode_C) =iF(Operation_Mode*1,Mode_AB,Mode_C)	=IF(Operation_Mode=1,Mode_AB,Mode_C) =IF(Operation_Mode=1,Mode_AB,Mode_C)
	F(Operation_Mode=1,Mode_AB,Mode_C) F(Operation_Mode=1,Mode_AB,Mode_C)	=IF(Operation_Mode=1,Mode_AB,Mode_C)	=iF(Operation_Mode=1,Mode_AB,Mode_C)
167	r[uperauon_mode=1,mode_Ab,mode_c/	-IF (Operation_mode-1,mode_A),mode_D)	- i toberere i mose - i mose _ vo, mose _ o /
168			
169			
170		ž ,	
1771c	M^3	CIVID	CVgal
172 St		Stream 24	Stream 91
173 0.0		0	0.0000234
174 0.0		12.6	0.0804
1/5 0.0		0.607	0.00767
176 0.0		C.0909	0.00705
177 0.0		0.43524	0.033666
7/6/0.0		2.66	0.0171
179 0.0		6.52 0.4	0.042 0.00257
	000000182	0.00348	0.0000224
	000000182	0.00234	0.0000151
183 0.0		0.45	0.00289
	00000155	0.00297	0.0000191
165 0.0		0.029	0.000187
186			
107			
100			
189 St		Stream 24	Stream 91
190 0.0		0	0.0000234
191 0.0		12.6	0.0804
192 0.0 193 0.0		0.607 0.0909	0.00767
194 0.0		14.9	11.15
195 0.0		2.66	0.0171
19600		6.52	0.042
797 0.0		0.4	0.00257
198 0.0	000000182	0.00348	0.0000224
799 0.0	00000123	0.00234	0.0000151
200 0.0		0.45	0.00289
	000000155	0.00297	0.0000191
ZUZ 0.0	00000152	0.029	0.000187
203			
2U4 2U5			
206			
208			
209			
210			
211			
ZIZ			
Z13			
214			
215			
216			
217			
218			
219			
227			
222			
223			
224			
225			
226			
227	•		
ZZO			

	AF	AG	АН
153	Stream 201	Stream 212	Stream 222
	=IF(Operation_Mode=1,Mode_AB,Mode_C)	=IF(Operation_Mode=1,Mode_AB,Mode_C)	=iF(Operation_Mode=1,Mode_AB,Mode_C)
	=IF(Operation_Mode=1,Mode_AB,Mode_C)	=iF(Operation_Mode=1,Mode_AB,Mode_C)	=iF(Operation_Mode=1,Mode_AB,Mod0_C)
	=IF(Operation_Mode=1,Mode_AB,Mode_C)	=IF(Operation_Mode=1,Mode_AB,Mode_C)	=IF(Operation_Mode=1,Mode_AB,Mode_C)
	=iF(Operation_Mode=1,Mode_AB,Mode_C)	=IF(Operation_Mode=1,Mode_AB,Mode_C)	=IF(Operation_Mode=1,Mode_AB,Mode_C)
	=IF(Operation_Mode=1,Mode_AB,Mode_C)	=IF(Operation_Mode=1,Mode_AB,Mode_C)	=IF(Operation_Mode=1,Mode_AB,Mode_C)
159	=IF(Operation_Mode=1,Mode_AB,Mode_C)	=IF(Operation_Mode=1,Mode_AB,Mode_C)	=iF(Operation_Mode=1,Mode_AB,Mode_C)
760	=IF(Operation_Mode=1,Mode_AB,Mode_C)	=IF(Operation_Mode=1,Mode_AB,Mode_C)	======================================
	=IF(Operation_Mode=1,Mode_AB,Mode_C)	=IF(Operation_Mode=1,Mode_AB,Mode_C)	======================================
	<pre>=IF(Operation_Mode=1,Mode_AB,Mode_C)</pre>	=!F(Operation_Mode=1,Mode_AB,Mode_C)	=IF(Operation_Mode=1,Mode_AB,Mode_C)
	=IF{Operation_Mode=1,Mode_AB,Mode_C}	=IF(Operation_Mode=1,Mode_AB,Mode_C)	=IF(Operation_Mode=1,Mode_AB,Mode_C)
104	=IF(Operation_Mode=1,Mode_AB,Mode_C)	=IF(Operation_Mode=1,Mode_AB,Mode_C)	=IF(Operation_Mode=1,Mode_AB,Mode_C)
100	=IF(Operation_Mode=1,Mode_AB,Mode_C)	=IF(Operation_Mode=1,Mode_AB,Mode_C)	=IF(Operation_Mode=1,Mode_AB,Mode_C)
167	=IF(Operation_Mode=1,Mode_AB,Mode_C)	=IF(Operation_Mode=1,Mode_AB,Mode_C)	=iF(Operation_Mode=1,Mode_AB,Mode_C)
168			
169			
170		 	
171	Ci/gal	Ci/gal	Cigal
172	Stream 201	Stream 212	Stream 222
173		0	0
174	0	0	0
175		0	0
176		0	0
177		0	0
178		0	0
179		0	0
181		0	0
182		0	0
183		0	0
184			0
185		0	0
186			
187			
100			
	Stream 201	Stream 212	Stream 222
191	0.000906	0.000000258	0.00000216
	0.0000314	0.00000000234 0.000000000000184	0.000000000000824
193		0.00000000974	0.000000000000343
194		0.000000269658	0.000000000949554
	0.00000511	0.000000000000003	0.0000000000000000105
	0.00656	0.000000000385	0.000000000000136
197		0.000000000897	0.000000000000315
	0.000144	0.00000000000846	0.000000000000000298
	0.0000971	0.0000000000057	0.0000000000000002
200		0.000000000683	0.00000000000024
202	0.00024	0.0000000000141 0.0000000000705	0.00000000000000495
203	v.vv 14	9.1000000000000000000000000000000000000	0.0000000000000248
204			
205			
206			
207			
208			
209			
ZIU			
Z 11			
ZIZ			
213 214			
213			
216			
217			
218			
219			
ZZU			
ZZI			
ZZZ			
223			
224 225			
220			
227			
228			
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	Α	В	, C
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230			
Z31			
Z3Z			
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Z35			
Z3 6			
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Z4 0			
Z41			
Z4Z			
Z43			
244		•	
Z45			

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D	E	F	G
229			
230			TOTAL
231		DOSE	RELEASE (CI)
232		H3	=S214
233		SR90	=S215
234		RU106	-\$216
235		CS134	=\$217
236		CS137	=\$218
237		CE144	=S219
238		PM147	=S220
239		PU238	=\$221
240		PU239	=S222
241		PU240	=S223
242		PU241	=\$224
243		AM241	=S225
244		CM244	* =\$226
245		TOTAL	=SUM(G232:G244)

Н	
229	
230	ONSITE DCF (REM/CI)
ZJT STACK	VIT ,
232 0.000000401	0.0000016
233 0.00549	0.0218
234 0.00186	0.00739
235 0.000211	0.000796
235 0.000135	0.000538
237 0.00148	0.00589
238 0.000144	0.000571
239 1.94	7.73
Z4U 2.15	8.57
Z41 2.15	18.57
Z4Z 0.0422	0.168
243 2.2	8.74
244 1.14	4.54
245	

J	K
229	
230	
ZJT LPPP	STACK
Z3Z 0.0000016	0.00000141
Z33]0.0218	0.00193
Z34 0.00739	0.000652
235 0.000796	0.0000704
Z36 0.000538	0.000474
Z37 0.00588	0.000519
Z30 0.000571	0.0000504
239 7.73	0.682
Z4U 8.57	0.756
241 8.57	0.756
Z4Z 0.168	0.0148
243 8.74	0.771
244 4.54	6.4
245	

	L
ZZ9	
230	OFFSITE DCF (REM/CI)
231	VIT ,
Z3Z	0.0000022
233	0.00301
234	0.00102
235	0.00011
236	0.000741
Z37	0.000811
238	0.000788
239	1.07
Z4 0	1.18
Z41	1.18
Z4Z	0.0232
Z43	12
Z44	
245	

	M	N	
229			
Z 30		ONSITE DOSE	
Z3T	LPPP	(rem)	
Z3Z	0.00000212	=G232:G244*INDEX(ONSITE_DCF,0,RELEASE_LOCATION)	
233	0.00291	=G232:G244*INDEX(ONSITE_DCF,0,RELEASE_LOCATION)	
	0.000984	=G232:G244*INDEX(ONSITE_DCF,0,RELEASE_LOCATION)	
	0.000106	=G232:G244*INDEX(ONSITE_DCF,0,RELEASE_LOCATION)	
236	0.0000716	=G232:G244*INDEX(ONSITE_DCF,0,RELEASE_LOCATION)	
	0.000783	=G232:G244*INDEX(ONSITE_DCF,0,RELEASE_LOCATION)	
	0.000076	=G232:G244*INDEX(ONSITE_DCF,0,RELEASE_LOCATION)	
239		=G232:G244*INDEX(ONSITE_DCF,O,RELEASE_LOCATION)	
240		=G232:G244*INDEX(ONSITE_DCF,0,RELEASE_LOCATION)	
Z41		=G232:G244*INDEX(ONSITE_DCF,0,RELEASE_LOCATION)	
Z4Z		=G232:G244*INDEX(ONSITE_DCF,0,RELEASE_LOCATION)	
Z43		=G232:G244*INDEX(ONSITE_DCF,0,RELEASE_LOCATION)	
244	0.604	=G232:G244*INDEX(ONSITE_DCF,0,RELEASE_LOCATION)	
Z45		=SUM(N232:N244)	

	0
229	
230	OFFSITE DOSE
Z31	(rem)
ZJZ	=0232:G244*INDEX(OFFSITE_DCF,0,RELEASE_LOCATION)
Z 33	=G232:G244*INDEX(OFFSITE_DCF,0,RELEASE_LOCATION)
Z34	=G232:G244*INDEX(OFFSITE_DCF,0,RELEASE_LOCATION)
Z35	=G232:G244*INDEX(OFFSITE_DCF,0,RELEASE_LOCATION)
235	=Q232:G244*INDEX(OFFSITE_DCF,0,RELEASE_LOCATION)
Z37	=G232:G244*INDEX(OFFSITE_DCF,0,RELEASE_LOCATION)
	=G232:G244*INDEX(OFFSITE_DCF,0,RELEASE_LOCATION)
Z39	=G232:G244*INDEX(OFFSITE_DCF,0,RELEASE_LOCATION)
Z4 U	=G232:G244*INDEX(OFFSITE_DCF,0,RELEASE_LOCATION)
	=G232:G244*INDEX(OFFSITE_DCF,0,RELEASE_LOCATION)
Z4Z	=G232:G244*INDEX(OFFSITE_DCF,0,RELEASE_LOCATION)
Z43	=G232:G244*INDEX(OFFSITE_DCF,0,RELEASE_LOCATION)
Z44	=Q232:G244*INDEX(OFFSITE_DCF,0,RELEASE_LOCATION)
	=SUM(0232:0244)

	P
ZZ 9	
Z3 0	Sequence
231	Frequency
Z3Z	
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<u> 234</u>	
Z 35	
Z3 6	
<u> 237</u>	
<u> 238</u>	
Z 39	
Z4 U	
Z41	
Z4Z	
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Z45	0.007

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<i>DWPFASTXL</i> :	Defense Waste	Processing	Facility	Algorithm j	for Source	Terms for	Excel
WSRC-TR-94-0)532					•	
November 1994							

APPENDIX 4: TEST CASES CONSEQUENCE OUTPUT

	No Release		SRAT Deton	ation	SRAT Deflag	gration .	SRAT Deton Zone 1 Vent	•
	Onsite	Offsite	Onsite	Offsite	Onsite	Offsite	Onsite	Offsite
Isotope	(REM)	(REM)	(REM)	(REM)	(REM)	(REM)	(REM)	(REM)
Н3	0.00E+00	0.00E+00	9.42E-07	1.29E-07	9.42E-07	1.29E-07	9.42E-07	1.29E-07
SR90	0.00E+00	0.00E+00	3.16E-02 ·	4.37E-03	4.68E-03	6.46E-04	3.02E+00	4.17E-01
RU106	0.00E+00	0.00E+00	5.24E-04	7.23E-05	7.75E-05	1.07E-05	5.00E-02	6.90E-03
CS134	0.00E+00	0.00E+00	9.26E-06	1.28E-06	1.37E-06	1.89E-07	8.84E-04	1.22E-04
CS137	0.00E+00	0.00E+00	1.02E-03	1.41E-04	1.51E-04	2.08E-05	9.76E-02	1.34E-02
CE144	0.00E+00	0.00E+00	1.81E-03	2.50E-04	2.68E-04	3.70E-05	1.73E-01	2.39E-02
PM147	0.00E+00	0.00E+00	4.33E-04	5.97E-05	6.40E-05	8.84E-06	4.13E-02	5.70E-03
PU238	0.00E+00	0.00E+00	3.58E-01	4.95E-02	5.30E-02	7.33E-03	3.41E+01	4.73E+00
PU239	0.00E+00	0.00E+00	3.46E-03	4.76E-04	5.11E-04	7.04E-05	3.30E-01	4.54E-02
PU240	0.00E+00	0.00E+00	2.33E-03	3.21E-04	3.45E-04	4.75E-05	2.22E-01	3.06E-02
PU241	0.00E+00	0.00E+00	8.74E-03	1.21E-03	1.29E-03	1.79E-04	8.34E-01	1.15E-01
AM241	0.00E+00	0.00E+00	3.01E-03	4.13E-04	4.45E-04	6.11E-05	2.87E-01	3.94E-02
CM244	0.00E+00	0.00E+00	1.53E-02	2.10E-03	2.26E-03	3.11E-04	1.46E+00	2.01E-01
TOTAL	0.00E+00	0.00E+00	4.26E-01	5.90E-02	6.31E-02	8.72E-03	4.07E+01	5,62E+00
	PR Deflagra		PR Deflagra		800 D 4		DDOG D. G	
	PR Deflagro Breach w/o		PR Deflagre Breach w/o		SPC Deflagi	ration .	PPST Defla	gration
					SPC Deflaga	ration Offsite	PPST Defla	gration Offsite
Isotope	Breach w/o	Vent.	Breach w/o	Vent., Fire				
Isotope H3	Breach w/o Onsite	Vent. Offsite	Breach w/o Onsite	Vent., Fire Offsite	Onsite	Offsite	Onsite	Offsite
•	Breach w/o Onsite (REM)	Vent. Offsite (REM)	Breach w/o Onsite (REM)	Vent., Fire Offsite (REM)	Onsite (REM)	Offsite (REM)	Onsite (REM)	Offsite (REM)
H3	Onsite (REM)	Vent. Offsite (REM) 1.76E-07	Onsite (REM) 1.28E-06	Vent., Fire Offsite (REM) 1.76E-07	Onsite (REM) 1.51E-10	Offsite (REM) 2.08E-11	Onsite (REM) 1.91E-07	Offsite (REM) 2.63E-08
H3 SR90	Onsite (REM) 1.28E-06 4.04E-03	Vent. Offsite (REM) 1.76E-07 5.58E-04	Onsite (REM) 1.28E-06 1.03E-02	Vent., Fire Offsite (REM) 1.76E-07 1.42E-03	Onsite (REM) 1.51E-10 4.60E-05	Offsite (REM) 2.08E-11 6.35E-06	Onsite (REM) 1.91E-07 3.64E-03	Offsite (REM) 2.63E-08 5.03E-04
H3 SR90 RU106	Onsite (REM) 1.28E-06 4.04E-03 1.08E-07	Vent. Offsite (REM) 1.76E-07 5.58E-04 1.49E-08	Onsite (REM) 1.28E-06 1.03E-02 2.74E-07	Vent., Fire Offsite (REM) 1.76E-07 1.42E-03 3.78E-08	Onsite (REM) 1.51E-10 4.60E-05 1.23E-09	Offsite (REM) 2.08E-11 6.35E-06 1.69E-10	Onsite (REM) 1.91E-07 3.64E-03 6.10E-05	Offsite (REM) 2.63E-08 5.03E-04 8.42E-06
H3 SR90 RU106 CS134	Onsite (REM) 1.28E-06 4.04E-03 1.08E-07 6.15E-05	Vent. Offsite (REM) 1.76E-07 5.58E-04 1.49E-08 8.50E-06	Onsite (REM) 1.28E-06 1.03E-02 2.74E-07 1.56E-04	Offsite (REM) 1.76E-07 1.42E-03 3.78E-08 2.16E-05	Onsite (REM) 1.51E-10 4.60E-05 1.23E-09 7.00E-07	Offsite (REM) 2.08E-11 6.35E-06 1.69E-10 9.68E-08	Onsite (REM) 1.91E-07 3.64E-03 6.10E-05 4.63E-07	Offsite (REM) 2.63E-08 5.03E-04 8.42E-06 6.40E-08
H3 SR90 RU106 CS134 CS137	Onsite (REM) 1.28E-06 4.04E-03 1.08E-07 6.15E-05 1.15E-02	Vent. Offsite (REM) 1.76E-07 5.58E-04 1.49E-08 8.50E-06 1.58E-03	Onsite (REM) 1.28E-06 1.03E-02 2.74E-07 1.56E-04 2.92E-02	Offsite (REM) 1.76E-07 1.42E-03 3.78E-08 2.16E-05 4.02E-03	Onsite (REM) 1.51E-10 4.60E-05 1.23E-09 7.00E-07 1.31E-04	Offsite (REM) 2.08E-11 6.35E-06 1.69E-10 9.68E-08 1.80E-05	Onsite (REM) 1.91E-07 3.64E-03 6.10E-05 4.63E-07 2.98E-06	Offsite (REM) 2.63E-08 5.03E-04 8.42E-06 6.40E-08 4.10E-07
H3 SR90 RU106 CS134 CS137 CE144	Onsite (REM) 1.28E-06 4.04E-03 1.08E-07 6.15E-05 1.15E-02 1.40E-08	Vent. Offsite (REM) 1.76E-07 5.58E-04 1.49E-08 8.50E-06 1.58E-03 1.93E-09	Onsite (REM) 1.28E-06 1.03E-02 2.74E-07 1.56E-04 2.92E-02 3.54E-08	Offsite (REM) 1.76E-07 1.42E-03 3.78E-08 2.16E-05 4.02E-03 4.89E-09	Onsite (REM) 1.51E-10 4.60E-05 1.23E-09 7.00E-07 1.31E-04 1.59E-10	Offsite (REM) 2.08E-11 6.35E-06 1.69E-10 9.68E-08 1.80E-05 2.19E-11	Onsite (REM) 1.91E-07 3.64E-03 6.10E-05 4.63E-07 2.98E-06 2.12E-04	Offsite (REM) 2.63E-08 5.03E-04 8.42E-06 6.40E-08 4.10E-07 2.93E-05
H3 SR90 RU106 CS134 CS137 CE144 PM147	Onsite (REM) 1.28E-06 4.04E-03 1.08E-07 6.15E-05 1.15E-02 1.40E-08 1.74E-06	Vent. Offsite (REM) 1.76E-07 5.58E-04 1.49E-08 8.50E-06 1.58E-03 1.93E-09 2.41E-07	Onsite (REM) 1.28E-06 1.03E-02 2.74E-07 1.56E-04 2.92E-02 3.54E-08 4.42E-06	Offsite (REM) 1.76E-07 1.42E-03 3.78E-08 2.16E-05 4.02E-03 4.89E-09 6.11E-07	Onsite (REM) 1.51E-10 4.60E-05 1.23E-09 7.00E-07 1.31E-04 1.59E-10 1.98E-08	Offsite (REM) 2.08E-11 6.35E-06 1.69E-10 9.68E-08 1.80E-05 2.19E-11 2.74E-09	Onsite (REM) 1.91E-07 3.64E-03 6.10E-05 4.63E-07 2.98E-06 2.12E-04 5.04E-05	Offsite (REM) 2.63E-08 5.03E-04 8.42E-06 6.40E-08 4.10E-07 2.93E-05 6.96E-06
H3 SR90 RU106 CS134 CS137 CE144 PM147 PU238	Onsite (REM) 1.28E-06 4.04E-03 1.08E-07 6.15E-05 1.15E-02 1.40E-08 1.74E-06 5.47E-02	Vent. Offsite (REM) 1.76E-07 5.58E-04 1.49E-08 8.50E-06 1.58E-03 1.93E-09 2.41E-07 7.57E-03	Onsite (REM) 1.28E-06 1.03E-02 2.74E-07 1.56E-04 2.92E-02 3.54E-08 4.42E-06 1.39E-01	Offsite (REM) 1.76E-07 1.42E-03 3.78E-08 2.16E-05 4.02E-03 4.89E-09 6.11E-07 1.92E-02	Onsite (REM) 1.51E-10 4.60E-05 1.23E-09 7.00E-07 1.31E-04 1.59E-10 1.98E-08 6.23E-04	Offsite (REM) 2.08E-11 6.35E-06 1.69E-10 9.68E-08 1.80E-05 2.19E-11 2.74E-09 8.62E-05	Onsite (REM) 1.91E-07 3.64E-03 6.10E-05 4.63E-07 2.98E-06 2.12E-04 5.04E-05 4.15E-02	Offsite (REM) 2.63E-08 5.03E-04 8.42E-06 6.40E-08 4.10E-07 2.93E-05 6.96E-06 5.74E-03
H3 SR90 RU106 CS134 CS137 CE144 PM147 PU238 PU239	Onsite (REM) 1.28E-06 4.04E-03 1.08E-07 6.15E-05 1.15E-02 1.40E-08 1.74E-06 5.47E-02 5.73E-04	Vent. Offsite (REM) 1.76E-07 5.58E-04 1.49E-08 8.50E-06 1.58E-03 1.93E-09 2.41E-07 7.57E-03 7.89E-05	Onsite (REM) 1.28E-06 1.03E-02 2.74E-07 1.56E-04 2.92E-02 3.54E-08 4.42E-06 1.39E-01 1.45E-03	Offsite (REM) 1.76E-07 1.42E-03 3.78E-08 2.16E-05 4.02E-03 4.89E-09 6.11E-07 1.92E-02 2.00E-04	Onsite (REM) 1.51E-10 4.60E-05 1.23E-09 7.00E-07 1.31E-04 1.59E-10 1.98E-08 6.23E-04 6.52E-06	Offsite (REM) 2.08E-11 6.35E-06 1.69E-10 9.68E-08 1.80E-05 2.19E-11 2.74E-09 8.62E-05 8.98E-07	Onsite (REM) 1.91E-07 3.64E-03 6.10E-05 4.63E-07 2.98E-06 2.12E-04 5.04E-05 4.15E-02 4.00E-04	Offsite (REM) 2.63E-08 5.03E-04 8.42E-06 6.40E-08 4.10E-07 2.93E-05 6.96E-06 5.74E-03 5.50E-05
H3 SR90 RU106 CS134 CS137 CE144 PM147 PU238 PU239 PU240	Onsite (REM) 1.28E-06 4.04E-03 1.08E-07 6.15E-05 1.15E-02 1.40E-08 1.74E-06 5.47E-02 5.73E-04 3.87E-04	Vent. Offsite (REM) 1.76E-07 5.58E-04 1.49E-08 8.50E-06 1.58E-03 1.93E-09 2.41E-07 7.57E-03 7.89E-05 5.33E-05	Onsite (REM) 1.28E-06 1.03E-02 2.74E-07 1.56E-04 2.92E-02 3.54E-08 4.42E-06 1.39E-01 1.45E-03 9.82E-04	Vent., Fire Offsite (REM) 1.76E-07 1.42E-03 3.78E-08 2.16E-05 4.02E-03 4.89E-09 6.11E-07 1.92E-02 2.00E-04 1.35E-04	Onsite (REM) 1.51E-10 4.60E-05 1.23E-09 7.00E-07 1.31E-04 1.59E-10 1.98E-08 6.23E-04 6.52E-06 4.41E-06	Offsite (REM) 2.08E-11 6.35E-06 1.69E-10 9.68E-08 1.80E-05 2.19E-11 2.74E-09 8.62E-05 8.98E-07 6.07E-07	Onsite (REM) 1.91E-07 3.64E-03 6.10E-05 4.63E-07 2.98E-06 2.12E-04 5.04E-05 4.15E-02 4.00E-04 2.68E-04	Offsite (REM) 2.63E-08 5.03E-04 8.42E-06 6.40E-08 4.10E-07 2.93E-05 6.96E-06 5.74E-03 5.50E-05 3.70E-05
H3 SR90 RU106 CS134 CS137 CE144 PM147 PU238 PU239 PU240 PU241	Onsite (REM) 1.28E-06 4.04E-03 1.08E-07 6.15E-05 1.15E-02 1.40E-08 1.74E-06 5.47E-02 5.73E-04 3.87E-04 9.04E-04	Vent. Offsite (REM) 1.76E-07 5.58E-04 1.49E-08 8.50E-06 1.58E-03 1.93E-09 2.41E-07 7.57E-03 7.89E-05 5.33E-05 1.25E-04	Onsite (REM) 1.28E-06 1.03E-02 2.74E-07 1.56E-04 2.92E-02 3.54E-08 4.42E-06 1.39E-01 1.45E-03 9.82E-04 2.30E-03	Vent., Fire Offsite (REM) 1.76E-07 1.42E-03 3.78E-08 2.16E-05 4.02E-03 4.89E-09 6.11E-07 1.92E-02 2.00E-04 1.35E-04 3.17E-04	Onsite (REM) 1.51E-10 4.60E-05 1.23E-09 7.00E-07 1.31E-04 1.59E-10 1.98E-08 6.23E-04 6.52E-06 4.41E-06 1.03E-05	Offsite (REM) 2.08E-11 6.35E-06 1.69E-10 9.68E-08 1.80E-05 2.19E-11 2.74E-09 8.62E-05 8.98E-07 6.07E-07 1.42E-06	Onsite (REM) 1.91E-07 3.64E-03 6.10E-05 4.63E-07 2.98E-06 2.12E-04 5.04E-05 4.15E-02 4.00E-04 2.68E-04 1.01E-03	Offsite (REM) 2.63E-08 5.03E-04 8.42E-06 6.40E-08 4.10E-07 2.93E-05 6.96E-06 5.74E-03 5.50E-05 3.70E-05 1.40E-04

	PPST Deflag LPPP Vent.	-	OWST Tom	ado	OWST Defla	gration	PPPT Detor	ation
Isotope	Onsite (REM)	Offsite (REM)	Onsite (REM)	Offsite (REM)	Onsite (REM)	Offsite (REM)	Onsite (REM)	Offsite (REM)
H3	1.91E-07	2.63E-08	5.18E-08	7.13E-09	5.18E-08	7.13E-09	9.36E-07	1.29E-07
SR90	5.42E-01	7.48E-02	1.02E-11	1.41E-12	2.69E-09	3.72E-10	2.44E-04	3.38E-05
RU106	9.07E-03	1.25E-03	2.73E-16	3.77E-17	7.19E-14	9.93E-15	6.52E-09	9.00E-10
CS134	6.88E-05	9.51E-06	1.56E-13	2.15E-14	4.10E-11	5.66E-12	3.71E-06	5.13E-07
CS137	4.42E-04	6.09E-05	2.91E-11	4.01E-12	7.67E-09	1.06E-09	6.96E-04	9.58E-05
CE144	3.15E-02	4.35E-03	3.52E-17	4.85E-18	9.26E-15	1.28E-15	8.44E-10	1.16E-10
PM147	7.49E-03	1.03E-03	4.43E-15	6.11E-16	1.16E-12	1.61E-13	1.05E-07	1.45E-08
PU238	6.16E+00	8.53E-01	1.39E-10	1.92E-11	3.65E-08	5.06E-09	3.32E-03	4.60E-04
PU239	5.94E-02	8.18E-03	1.46E-12	2.00E-13	3.83E-10	5.27E-11	3.47E-05	4.78E-06
PU240	3.99E-02	5.49E-03	9.77E-13	1.35E-13	2.57E-10	3.54E-11	2.34E-05	3.22E-06
PU241	1.50E-01	2.08E-02	2.30E-12	3.17E-13	6.05E-10	8.35E-11	5.48E-05	7.56E-06
AM241	5.08E-02	6.97E-03	2.47E-12	3.39E-13	6.49E-10	8.91E-11	5.90E-05	8.09E-06
CM244	2.62E-01	3.60E-02	6.42E-12	8.84E-13	1.69E-09	2.33E-10	1.53E-04	2.11E-05
TOTAL	7.32E+00	1.01E+00	5.20E-08	7.15E-09	1.02E-07	1.41E-08	4.59E-03	6.35E-04

	PPPT Deton	ation,	PR Uncontr	olled				
	LPPP Bread	h w/o Vent.	Reaction		PRFT Leak		PRBT Overf	low
	Onsite	Offsite	Onsite	Offsite	Onsite	Offsite	Onsite	Offsite
Isotope	(REM)	(REM)	(REM)	(REM)	(REM)	(REM)	(REM)	(REM)
H3	9.36E-07	1.29E-07	5.27E-12	7.25E-13	1.38E-14	1.89E-15	4.52E-13	6.22E-14
SR90	4.70E-02	6.49E-03	1.60E-06	2.21E-07	4.13E-09	5.71E-10	1.37E-07	1.90E-08
RU106	1.25E-06	1.73E-07	4.27E-11	5.90E-12	1.10E-13	1.52E-14	3.67E-12	5.06E-13
CS134	7.14E-04	9.86E-05	2.44E-08	3.37E-09	6.28E-11	8.68E-12	2.09E-09	2.89E-10
CS137	1.34E-01	1.84E-02	4.55E-06	6.27E-07	1.18E-08	1.62E-09	3.91E-07	5.38E-08
CE144	1.62E-07	2.24E-08	5.53E-12	7.63E-13	1.43E-14	1.97E-15	4.75E-13	6.55E-14
PM147	2.02E-05	2.79E-06	6.91E-10	9.53E-11	1.78E-12	2.46E-13	5.93E-11	8.18E-12
PU238	6.39E-01	8.84E-02	2.17E-05	3.00E-06	5.62E-08	7.78E-09	1.86E-06	2.57E-07
PU239	6.66E-03	9.18E-04	2.27E-07	3.13E-08	5.86E-10	8.07E-11	1.95E-08	2.68E-09
PU240	4.49E-03	6.19E-04	1.53E-07	2.11E-08	3.95E-10	5.44E-11	1.32E-08	1.81E-09
PU241	1.05E-02	1.45E-03	3.58E-07	4.95E-08	9.26E-10	1.28E-10	3.08E-08	4.25E-09
AM241	1.13E-02	1.56E-03	3.86E-07	5.31E-08	9.97E-10	1.37E-10	3.32E-08	4.55E-09
CM244	2.94E-02	4.05E-03	1.01E-06	1.39E-07	2.59E-09	3.56E-10	8.65E-08	1.19E-08
TOTAL	8.82E-01	1.22E-01	3.00E-05	4.15E-06	7.77E-08	1.07E-08	2.57E-06	3.56E-07

			Total Melter	·Spill,	Partial Melt	er Spill,		
	Total Melter	-Spill	Zone 1 Vent.	Fails	Vit. Collaps	e	MFT Splash	
							,	
	Onsite	Offsite	Onsite	Offsite	Onsite	Offsite	Onsite	Offsite
Isotope	(REM)	(REM)	(REM)	(REM)	(REM)	(REM)	(REM)	(REM)
H3	1.70E-12	2.34E-13	1.70E-12	2.34E-13	1.70E-12	2.34E-13	9.42E-07	1.29E-07
SR90	4.72E-02	6.51E-03	4.72E+00 -		1.38E-01	1.91E-02	3.31E-03	4.57E-04
RU106	2.23E-04	3.08E-05	2.23E-02	3.08E-03	6.69E-04	9.23E-05	5.49E-05	7.57E-06
CS134	8.10E-09	1.12E-09	8.10E-07	1.12E-07	1.62E-06	2.24E-07	9.70E-07	1.34E-07
CS137	3.12E-03	4.30E-04	3.12E-01	4.30E-02	9.29E-03	1.28E-03	1.07E-04	1.48E-05
CE144	1.45E-07	2.00E-08	1.45E-05	2.00E-06	2.90E-05	4.00E-06	1.90E-04	2.62E-05
PM147	3.46E-08	4.77E-09	3.46E-06	4.77E-07	6.91E-06	9.54E-07	4.53E-05	6.26E-06
PU238	2.87E-05	3.97E-06	2.87E-03	3.97E-04	5.74E-03	7.94E-04	3.75E-02	5.19E-03
PU239	2.77E-07	3.81E-08	2.77E-05	3.81E-06	5.54E-05	7.62E-06	3.62E-04	4.98E-05
PU240	1.87E-07	2.58E-08	1.87E-05	2.58E-06	3.74E-05	5.15E-06	2.44E-04	3.36E-05
PU241	7.01E-07	9.68E-08	7.01E-05	9.68E-06	1.40E-04	1.94E-05	9.15E-04	1.26E-04
AM241	2.40E-07	3.30E-08	2.40E-05	3.30E-06	4.81E-05	6.60E-06	3.15E-04	4.33E-05
CM244	1.22E-06	1.69E-07	1.22E-04	1.69E-05	2.45E-04	3.37E-05	1.60E-03	2.20E-04
TOTAL	5.05E-02	6.98E-03	5.05E+00	6.98E-01	1.54E-01	2.13E-02	4.46E-02	6.17E-03
•								
	MFT Splash		RCT Vented,		PPRT (Voerl	7me	Melter Offge Release	as
	MFT Splash Cell Covers		RCT Vented, Breach w/V		PPRT Overf	low	Melter Offgo Release	25
	-				PPRT Overf Onsite	low Offsite		25 Offsite
Isotope	Cell Covers	Fail	Breach w/V	ent.	·		Release	
Isotope H3	Cell Covers Onsite	Fail Offsite	Breach w/V	Cent. Offsite	Onsite	Offsite	Release Onsite	Offsite
-	Cell Covers Onsite (REM)	Fail Offsite (REM)	Breach w/ V Onsite (REM)	Offsite (REM)	Onsite (REM)	Offsite (REM)	Release Onsite (REM)	Offsite (REM)
H3	Cell Covers Onsite (REM) 9.42E-07	Offsite (REM) 1.29E-07	Onsite (REM) 1.57E-13	Offsite (REM) 2.15E-14	Onsite (REM) 1.11E-13	Offsite (REM) 1.52E-14	Release Onsite (REM) 2.03E-07	Offsite (REM) 2.78E-08
H3 SR90	Onsite (REM) 9.42E-07 3.31E-03	Offsite (REM) 1.29E-07 4.57E-04	Onsite (REM) 1.57E-13 3.66E-08	Offsite (REM) 2.15E-14 5.06E-09	Onsite (REM) 1.11E-13 2.59E-08	Offsite (REM) 1.52E-14 3.57E-09	Onsite (REM) 2.03E-07 3.01E-01	Offsite (REM) 2.78E-08 4.15E-02
H3 SR90 RU106	Onsite (REM) 9.42E-07 3.31E-03 5.49E-05	Offsite (REM) 1.29E-07 4.57E-04 7.57E-06	Onsite (REM) 1.57E-13 3.66E-08 1.19E-09	Offsite (REM) 2.15E-14 5.06E-09 1.64E-10	Onsite (REM) 1.11E-13 2.59E-08 8.37E-10	Offsite (REM) 1.52E-14 3.57E-09 1.15E-10	Onsite (REM) 2.03E-07 3.01E-01 9.93E-03	Offsite (REM) 2.78E-08 4.15E-02 1.37E-03
H3 SR90 RU106 CS134	Onsite (REM) 9.42E-07 3.31E-03 5.49E-05 9.70E-07	Offsite (REM) 1.29E-07 4.57E-04 7.57E-06 1.34E-07	Onsite (REM) 1.57E-13 3.66E-08 1.19E-09 1.17E-10	Offsite (REM) 2.15E-14 5.06E-09 1.64E-10 1.62E-11	Onsite (REM) 1.11E-13 2.59E-08 8.37E-10 8.28E-11	Offsite (REM) 1.52E-14 3.57E-09 1.15E-10 1.14E-11	Onsite (REM) 2.03E-07 3.01E-01 9.93E-03 9.62E-04	Offsite (REM) 2.78E-08 4.15E-02 1.37E-03 1.33E-04
H3 SR90 RU106 CS134 CS137	Cell Covers Onsite (REM) 9.42E-07 3.31E-03 5.49E-05 9.70E-07 1.07E-04	Offsite (REM) 1.29E-07 4.57E-04 7.57E-06 1.34E-07 1.48E-05	Onsite (REM) 1.57E-13 3.66E-08 1.19E-09 1.17E-10 1.29E-08	Offsite (REM) 2.15E-14 5.06E-09 1.64E-10 1.62E-11 1.78E-09	Onsite (REM) 1.11E-13 2.59E-08 8.37E-10 8.28E-11 9.13E-09	Offsite (REM) 1.52E-14 3.57E-09 1.15E-10 1.14E-11 1.26E-09	Release Onsite (REM) 2.03E-07 3.01E-01 9.93E-03 9.62E-04 1.06E-01	Offsite (REM) 2.78E-08 4.15E-02 1.37E-03 1.33E-04 1.46E-02
H3 SR90 RU106 CS134 CS137 CE144	Onsite (REM) 9.42E-07 3.31E-03 5.49E-05 9.70E-07 1.07E-04 1.90E-04	Offsite (REM) 1.29E-07 4.57E-04 7.57E-06 1.34E-07 1.48E-05 2.62E-05	Onsite (REM) 1.57E-13 3.66E-08 1.19E-09 1.17E-10 1.29E-08 2.10E-09	Offsite (REM) 2.15E-14 5.06E-09 1.64E-10 1.62E-11 1.78E-09 2.90E-10	Onsite (REM) 1.11E-13 2.59E-08 8.37E-10 8.28E-11 9.13E-09 1.48E-09	Offsite (REM) 1.52E-14 3.57E-09 1.15E-10 1.14E-11 1.26E-09 2.05E-10	Release Onsite (REM) 2.03E-07 3.01E-01 9.93E-03 9.62E-04 1.06E-01 1.72E-02	Offsite (REM) 2.78E-08 4.15E-02 1.37E-03 1.33E-04 1.46E-02 2.38E-03
H3 SR90 RU106 CS134 CS137 CE144 PM147	Onsite (REM) 9.42E-07 3.31E-03 5.49E-05 9.70E-07 1.07E-04 1.90E-04 4.53E-05	Offsite (REM) 1.29E-07 4.57E-04 7.57E-06 1.34E-07 1.48E-05 2.62E-05 6.26E-06	Onsite (REM) 1.57E-13 3.66E-08 1.19E-09 1.17E-10 1.29E-08 2.10E-09 5.01E-10	Offsite (REM) 2.15E-14 5.06E-09 1.64E-10 1.62E-11 1.78E-09 2.90E-10 6.92E-11	Onsite (REM) 1.11E-13 2.59E-08 8.37E-10 8.28E-11 9.13E-09 1.48E-09 3.54E-10	Offsite (REM) 1.52E-14 3.57E-09 1.15E-10 1.14E-11 1.26E-09 2.05E-10 4.89E-11	Release Onsite (REM) 2.03E-07 3.01E-01 9.93E-03 9.62E-04 1.06E-01 1.72E-02 4.11E-03	Offsite (REM) 2.78E-08 4.15E-02 1.37E-03 1.33E-04 1.46E-02 2.38E-03 5.67E-04
H3 SR90 RU106 CS134 CS137 CE144 PM147 PU238	Onsite (REM) 9.42E-07 3.31E-03 5.49E-05 9.70E-07 1.07E-04 1.90E-04 4.53E-05 3.75E-02	Offsite (REM) 1.29E-07 4.57E-04 7.57E-06 1.34E-07 1.48E-05 2.62E-05 6.26E-06 5.19E-03	Onsite (REM) 1.57E-13 3.66E-08 1.19E-09 1.17E-10 1.29E-08 2.10E-09 5.01E-10 4.15E-07	Offsite (REM) 2.15E-14 5.06E-09 1.64E-10 1.62E-11 1.78E-09 2.90E-10 6.92E-11 5.75E-08	Onsite (REM) 1.11E-13 2.59E-08 8.37E-10 8.28E-11 9.13E-09 1.48E-09 3.54E-10 2.93E-07	Offsite (REM) 1.52E-14 3.57E-09 1.15E-10 1.14E-11 1.26E-09 2.05E-10 4.89E-11 4.06E-08	Release Onsite (REM) 2.03E-07 3.01E-01 9.93E-03 9.62E-04 1.06E-01 1.72E-02 4.11E-03 3.41E+00	Offsite (REM) 2.78E-08 4.15E-02 1.37E-03 1.33E-04 1.46E-02 2.38E-03 5.67E-04 4.72E-01
H3 SR90 RU106 CS134 CS137 CE144 PM147 PU238 PU239	Onsite (REM) 9.42E-07 3.31E-03 5.49E-05 9.70E-07 1.07E-04 1.90E-04 4.53E-05 3.75E-02 3.62E-04	Offsite (REM) 1.29E-07 4.57E-04 7.57E-06 1.34E-07 1.48E-05 2.62E-05 6.26E-06 5.19E-03 4.98E-05	Onsite (REM) 1.57E-13 3.66E-08 1.19E-09 1.17E-10 1.29E-08 2.10E-09 5.01E-10 4.15E-07 4.01E-09	Offsite (REM) 2.15E-14 5.06E-09 1.64E-10 1.62E-11 1.78E-09 2.90E-10 6.92E-11 5.75E-08 5.53E-10	Onsite (REM) 1.11E-13 2.59E-08 8.37E-10 8.28E-11 9.13E-09 1.48E-09 3.54E-10 2.93E-07 2.83E-09	Offsite (REM) 1.52E-14 3.57E-09 1.15E-10 1.14E-11 1.26E-09 2.05E-10 4.89E-11 4.06E-08 3.90E-10	Release Onsite (REM) 2.03E-07 3.01E-01 9.93E-03 9.62E-04 1.06E-01 1.72E-02 4.11E-03 3.41E+00 3.29E-02	Offsite (REM) 2.78E-08 4.15E-02 1.37E-03 1.33E-04 1.46E-02 2.38E-03 5.67E-04 4.72E-01 4.53E-03
H3 SR90 RU106 CS134 CS137 CE144 PM147 PU238 PU239 PU240	Onsite (REM) 9.42E-07 3.31E-03 5.49E-05 9.70E-07 1.07E-04 1.90E-04 4.53E-05 3.75E-02 3.62E-04 2.44E-04	Offsite (REM) 1.29E-07 4.57E-04 7.57E-06 1.34E-07 1.48E-05 2.62E-05 6.26E-06 5.19E-03 4.98E-05 3.36E-05	Onsite (REM) 1.57E-13 3.66E-08 1.19E-09 1.17E-10 1.29E-08 2.10E-09 5.01E-10 4.15E-07 4.01E-09 2.71E-09	Offsite (REM) 2.15E-14 5.06E-09 1.64E-10 1.62E-11 1.78E-09 2.90E-10 6.92E-11 5.75E-08 5.53E-10 3.73E-10	Onsite (REM) 1.11E-13 2.59E-08 8.37E-10 8.28E-11 9.13E-09 1.48E-09 3.54E-10 2.93E-07 2.83E-09 1.91E-09	Offsite (REM) 1.52E-14 3.57E-09 1.15E-10 1.14E-11 1.26E-09 2.05E-10 4.89E-11 4.06E-08 3.90E-10 2.63E-10	Release Onsite (REM) 2.03E-07 3.01E-01 9.93E-03 9.62E-04 1.06E-01 1.72E-02 4.11E-03 3.41E+00 3.29E-02 2.22E-02	Offsite (REM) 2.78E-08 4.15E-02 1.37E-03 1.33E-04 1.46E-02 2.38E-03 5.67E-04 4.72E-01 4.53E-03 3.06E-03
H3 SR90 RU106 CS134 CS137 CE144 PM147 PU238 PU239 PU240 PU241	Cell Covers Onsite (REM) 9.42E-07 3.31E-03 5.49E-05 9.70E-07 1.07E-04 1.90E-04 4.53E-05 3.75E-02 3.62E-04 2.44E-04 9.15E-04	Offsite (REM) 1.29E-07 4.57E-04 7.57E-06 1.34E-07 1.48E-05 2.62E-05 6.26E-06 5.19E-03 4.98E-05 3.36E-05 1.26E-04	Onsite (REM) 1.57E-13 3.66E-08 1.19E-09 1.17E-10 1.29E-08 2.10E-09 5.01E-10 4.15E-07 4.01E-09 2.71E-09 1.02E-08	Offsite (REM) 2.15E-14 5.06E-09 1.64E-10 1.62E-11 1.78E-09 2.90E-10 6.92E-11 5.75E-08 5.53E-10 3.73E-10 1.40E-09	Onsite (REM) 1.11E-13 2.59E-08 8.37E-10 8.28E-11 9.13E-09 1.48E-09 3.54E-10 2.93E-07 2.83E-09 1.91E-09 7.17E-09	Offsite (REM) 1.52E-14 3.57E-09 1.15E-10 1.14E-11 1.26E-09 2.05E-10 4.89E-11 4.06E-08 3.90E-10 2.63E-10 9.90E-10	Release Onsite (REM) 2.03E-07 3.01E-01 9.93E-03 9.62E-04 1.06E-01 1.72E-02 4.11E-03 3.41E+00 3.29E-02 2.22E-02 8.33E-02	Offsite (REM) 2.78E-08 4.15E-02 1.37E-03 1.33E-04 1.46E-02 2.38E-03 5.67E-04 4.72E-01 4.53E-03 3.06E-03 1.15E-02
H3 SR90 RU106 CS134 CS137 CE144 PM147 PU238 PU239 PU240 PU241 AM241	Onsite (REM) 9.42E-07 3.31E-03 5.49E-05 9.70E-07 1.07E-04 1.90E-04 4.53E-05 3.75E-02 3.62E-04 2.44E-04 9.15E-04 3.15E-04	Offsite (REM) 1.29E-07 4.57E-04 7.57E-06 1.34E-07 1.48E-05 2.62E-05 6.26E-06 5.19E-03 4.98E-05 3.36E-05 1.26E-04 4.33E-05	Onsite (REM) 1.57E-13 3.66E-08 1.19E-09 1.17E-10 1.29E-08 2.10E-09 5.01E-10 4.15E-07 4.01E-09 2.71E-09 1.02E-08 3.49E-09	Offsite (REM) 2.15E-14 5.06E-09 1.64E-10 1.62E-11 1.78E-09 2.90E-10 6.92E-11 5.75E-08 5.53E-10 3.73E-10 1.40E-09 4.79E-10	Onsite (REM) 1.11E-13 2.59E-08 8.37E-10 8.28E-11 9.13E-09 1.48E-09 3.54E-10 2.93E-07 2.83E-09 1.91E-09 7.17E-09 2.46E-09	Offsite (REM) 1.52E-14 3.57E-09 1.15E-10 1.14E-11 1.26E-09 2.05E-10 4.89E-11 4.06E-08 3.90E-10 2.63E-10 9.90E-10 3.38E-10	Release Onsite (REM) 2.03E-07 3.01E-01 9.93E-03 9.62E-04 1.06E-01 1.72E-02 4.11E-03 3.41E+00 3.29E-02 2.22E-02 8.33E-02 2.86E-02	Offsite (REM) 2.78E-08 4.15E-02 1.37E-03 1.33E-04 1.46E-02 2.38E-03 5.67E-04 4.72E-01 4.53E-03 3.06E-03 1.15E-02 3.92E-03

SME Detonation, MFT Deflagration, SRAT Splash, Vit. Breach w/o Vent.

	Onsite	Offsite
Isotope	(REM)	(REM)
H3	2.82E-06	3.88E-07
SR90	2.99E+00	4.13E-01
RU106	4.96E-02	6.84E-03
CS134	8.77E-04	1.21E-04
CS137	9.68E-02	1.33E-02
CE144	1.72E-01	2.37E-02
PM147	4.10E-02	5.65E-03
PU238	3.39E+01	4.69E+00
PU239	3.27E-01	4.50E-02
PU240	2.21E-01	3.04E-02
PU241	8.28E-01	1.14E-01
AM241	2.85E-01	3.91E-02
CM244	1.45E+00	1.99E-01
TOTAL	4.03E+01	5.58E+00

APPENDIX 5: GLOSSARY OF ACRONYMS

APET Accident progression event tree

CPC Chemical process cell
DCF Dose conversion factor
DF Decontamination factor
EDE Effective dose equivalent
LPPP Low point pump pit

LPPPPT Low point pump pit precipitate tank (also LPPT or PPPT)

LPPPRT Low point pump pit recycle tank (also LPRT or PPRT)

LPPPST Low point pump pit sludge tank (also LPST or PPST)

LPPT Low point pump pit precipitate tank (also LPPPPT or PPPT)

LPRT Low point pump pit recycle tank (also LPPPRT or PPRT)

LPST Low point pump pit sludge tank (also LPPPST or PPST)

MFT Melter feed tank MOG Melter offgas

OECT Organic evaporator condensate tank

OEV Organic evaporator

OWST Organic waste storage tank

PPPT Low point pump pit precipitate tank (also LPPPPT or LPPT)
PPRT Low point pump pit recycle tank (also LPPPRT or LPRT)
PPST Low point pump pit sludge tank (also LPPPST or LPST)

PR Precipitate reactor

PRBT Precipitate reactor bottoms tank
PRFT Precipitate reactor feed tank
RCT Recycle collection tank

RF Release fraction

SME Slurry mix evaporator

SPC Salt process cell

SRAT Slurry receipt and adjustment tank