

NIA-102.bin

BOR HEADER0000 20091029
 172136.137 2.4.0.1yy yy EOR BOR
 QUALIFIERS0001 Nuclide none Ldistance km
 Rdistance km Distance km Plume none
 Evacuation none Exceeds Risk km Organ
 Health Effect none none Angle none
 none Exceeds Dose Sv Source Term none Angle none
 Pathway none Elevation Dose Sv Elevation
 Concentrat Bq/m2 MACCS2_Input none EOR BOR VARIABLES0002R
 Release Bq Centerline Air Concentration
 Bq-s/m3 Ground-Level Air Concentration
 Bq-s/m3 Centerline Ground Concentration
 Bq/m2 % Total Centerline Ground Concentration
 Bq/m2 Ground-Level Chi/Q s/m3 Plume Crosswind
 Adjusted Source Strength Bq Plume Vertical Dispersion
 Dispersion m m Plume Arrival
 Plume Centerline Height m s Health-Effect Cases
 Time none km Population Exceeding
 Early-Fatality Radius km Centerline
 Threshold none Average Individual Risk Sv Centerline
 Population Dose Sv Centerline Risk none Peak
 Dose Sv Peak Dose Polar
 Population-Weighted Risk Sv Peak Dose Polar
 Dose Sv Dose by Grid Element
 Sv \$ Ground Concentration by Grid Element
 Bq/m2 ! Air Concentration by Grid Element
 Bq-s/m3 Tot Long-Term Pathways Dose
 person-Sv & Tot Long-Term Direct Exposure Pathways
 person-Sv Tot Ingestion Pathways Dose
 person-Sv Long-Term Groundshine Dose
 person-Sv Long-Term Resuspension Dose
 person-Sv " Pop Dependent Decontamination Dose
 person-Sv # Farm Dependent Decontamination Dose
 person-Sv Water Ingestion Dose
 person-Sv! Milk Growing Season Dose
 person-Sv" Crop Growing Season Dose
 person-Sv# Milk Long-Term Dose
 person-Sv\$ Crop Long-Term Dose
 person-Sv% Ingestion of Grains
 person-Sv& Ingestion of Leafy Vegetables
 person-Sv' Ingestion of Root Crops
 person-Sv(Ingestion of Fruits
 person-Sv) Ingestion of Legumes
 person-Sv* Ingestion of Beef
 Ingestion of Milk person-Sv+ person-Sv, Ingestion of
 Poultry person-Sv- Ingestion of Other Meat
 Crops person-Sv. Total Economic Costs
 Farm Dependent Costs \$/ Pop Dependent Costs \$0
 Farm Dependent Costs \$1 # Pop Dependent
 Decontamination Costs \$2 \$ Farm Dependent
 Decontamination Costs \$3 Pop Dependent Interdiction
 Costs \$4 ! Farm Dependent Interdiction Costs
 \$5 Pop Dependent Condemnation Costs
 \$6 ! Farm Dependent Condemnation Costs \$7
 Emergency Phase Costs \$8 Intermediate Phase Costs
 \$9 Milk Disposal Costs \$:

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Crop Disposal Costs          ;   $;   ' Farm Dependent
Decontamination Distance    ;   km< & Pop Dependent Decontamination
Distance                      ;   km= $ Farm Dependent Interdiction Distance
                                ;   km> # Pop Dependent Interdiction Distance
Farm Dependent Condemnation Distance ;   km@ # Pop Dependent
Condemnation Distance        ;   kmA Milk Disposal Distance
                                ;   kmB Crop Disposal Distance ;   kmC Farm
Decontamination               ;   haD Pop Decontamination
                                ;   haE individualsE Pop Decontamination Area
                                ;   haF Farm Interdiction haG Pop Interdiction
                                ;   haI individualsH Pop Interdiction Area
                                ;   haJ Farm Condemnation haK Pop Condemnation Area
                                ;   haL Milk Disposal Area ;   haM Maximum Annual Food
Crop Disposal Area           ;   haN Area that Exceeds Dose
Dose                          ;   haO Svo ) Area that Exceeds
Threshold                     ;   haP Concentration Threshold
                                ;   haQ + Health Effects
LNT Adjusted Population Dose ;   haR SvR , Health
Effects Used Adjusted Population Dose ;   haS SvEOR BOR

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STATISTICS0003 Probability Non-zero Mean 5th Quantile

	10th Quantile	50th Quantile	90th Quantile	95th Quantile	99th Quantile	99.5th Quantile		
Peak Concentration	Peak Probability							
Peak Trial	BOR	VECTOR_RESULTS0004			10	10	Co-58	
> `00EOR	BOR	VECTOR_RESULTS0004			10	10	Co-60	
Öe`YOER	BOR	VECTOR_RESULTS0004			10	10	Kr-85	KÄOTEOR
BOR	VECTOR_RESULTS0004				10	10	Kr-85m	ÿ@3UEOR BOR
VECTOR_RESULTS0004					10	10	Kr-87	ÄÄKREOR BOR
VECTOR_RESULTS0004					10	10	Kr-88	#-%UEOR BOR
VECTOR_RESULTS0004					10	10	Rb-86	ázBPEOR BOR
VECTOR_RESULTS0004					10	10	Sr-89	¶ÐÓQEOR BOR
VECTOR_RESULTS0004					10	10	Sr-90	t'(PEOR BOR
VECTOR_RESULTS0004					10	10	Sr-91	'=AQEOR BOR
VECTOR_RESULTS0004					10	10	Sr-92	njÖOEOR BOR
VECTOR_RESULTS0004					10	10	Y-90	uÜéNEOR BOR
VECTOR_RESULTS0004					10	10	Y-91	0³þOEOR BOR
VECTOR_RESULTS0004					10	10	Y-92	ÜÚ%PEOR BOR
VECTOR_RESULTS0004					10	10	Y-93	î6...OEOR BOR
VECTOR_RESULTS0004					10	10	Zr-95	Ýq'PEOR BOR
VECTOR_RESULTS0004					10	10	Zr-97	�ùÎOEOR BOR
VECTOR_RESULTS0004					10	10	Nb-95	æ®*PEOR BOR
VECTOR_RESULTS0004					10	10	Mo-99	i®-SEOR BOR
VECTOR_RESULTS0004					10	10	Tc-99m	*6®SEOR BOR
VECTOR_RESULTS0004					10	10	Ru-103	Ãl±SEOR BOR
VECTOR_RESULTS0004					10	10	Ru-105	m æQEOR BOR
VECTOR_RESULTS0004					10	10	Ru-106	wi%REOR BOR
VECTOR_RESULTS0004					10	10	Rh-105	s®®SEOR BOR
VECTOR_RESULTS0004					10	10	Sb-127	�5±REOR BOR
VECTOR_RESULTS0004					10	10	Sb-129	�{}REOR BOR
VECTOR_RESULTS0004					10	10	Te-127	���REOR BOR
VECTOR_RESULTS0004					10	10	Te-127m	�[IQEOR BOR
VECTOR_RESULTS0004					10	10	Te-129	}��REOR BOR
VECTOR_RESULTS0004					10	10	Te-129m	C�'REOR BOR
VECTOR_RESULTS0004					10	10	Te-131m	f�ÄREOR BOR
VECTOR_RESULTS0004					10	10	Te-132	(��TEOR BOR
VECTOR_RESULTS0004					10	10	I-131	��.UEOR BOR
VECTOR_RESULTS0004					10	10	I-132	��TEOR BOR

STAT_RESULTS0006	□	□	□	1□	Evac # 1□	EOR BOR □
ERL FAT/TOTAL	□	0.000000E+00	□	0.321900E+00	□	" TYPE4OUT001
'ERL FAT/TOTAL' NONE						EOR BOR □
CCDF_RESULTS0007	□	□	□	1□	Evac # 1□	EOR BOR □
ERL FAT/TOTAL	□	0.000000E+00	□	0.321900E+00	□	" TYPE4OUT001
'ERL FAT/TOTAL' NONE.						1

			10	Evac # 10	EOR BOR	STAT_RESULTS0006
ERL_FAT/TOTAL	0.321900E+00			0.160930E+01	"	TYPE4OUT002
'ERL_FAT/TOTAL' NONE						EOR BOR
CCDF_RESULTS0007			10	Evac # 10		
ERL_FAT/TOTAL	0.321900E+00			0.160930E+01	"	TYPE4OUT002
'ERL_FAT/TOTAL' NONE.						

			EOR	BOR	STAT_RESULTS0006
10	Evac #	10			
ERL_FAT/TOTAL	0.160930E+01		0.321870E+01	"	TYPE4OUT003
'ERL_FAT/TOTAL'	NONE				EOR BOR
CCDF_RESULTS0007		10	Evac #	10	
ERL_FAT/TOTAL	0.160930E+01		0.321870E+01	"	TYPE4OUT003
'ERL_FAT/TOTAL'	NONE				

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ERL FAT/TOTAL	0.000000E+00	0.321870E+01	\$	TYPE8OUT001	'ERL
FAT/TOTAL'	1	3	NONE		
EOR BOR	CCDF_RESULTS0007	1		Evac # 1	
ERL FAT/TOTAL	0.000000E+00	0.321870E+01	\$	TYPE8OUT001	'ERL
FAT/TOTAL'	1	3	NONE.		

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Evac # 1

L-EDEWBODY 0 0.482800E+01 0 0.643740E+01 (N) TYPEBOUT005
L-EDEWBODY 5 1 NONEAÆ>XY7 Æxb8}9x8a\9€w99?5\9K†/9

AEOR BOR CCDF_RESULTS0007 1 Evac # 1
L-EDEWBODY 0.482800E+01 0.643740E+01 (N) TYPEBOUT005

L-EDEWBODY 5 1 NONE.

ብት-/-አዕራ>ብት-/-አዕራ>ብኩ.አዕራ>ብር[.አዕራ>ብጥ™.አዕራ>ብሩ.አዕራ>ብር[/አዕራ>አሚ/አዕራ>ap
0Aዕራ>!j@0Aዕራ>`%0Aዕራ>`p_1Aዕራ>`(`N1Aዕራ>y1«1Aዕራ>@,,δ1Aዕራ>x1+2Aዕራ>x1«2Aዕራ>zù

STAT_RESULTS0006 Evac # 1

L-EDEWBODY 6 1 NONEA>ÿ C58N578+L8W-8E-001†/2 AEOR RGB CCDF RESULTS0007

67 OÆ®NØE8±Fç8X®P8F;09Kt/9 AEOR BOR □ CCDF_RESULTS0007/□ □
10 Evac # 1 □ FREDWBODY □ 0.643740E+01 □ □ 0.804670E+01 □ □ (N) □ □ TYPEROUT006

L-EDEWBODY 6 1 NONE.
L-EDEWBODY 6 1 NONE.

STAT_RESULTS0006 Evac # 1
L-EDEWBODY 0.804670E+01 0.965610E+01 (N) TYPEBOUT007

Evac # 1 L-EDEWBODY 0.804670E+01 0.965610E+01 (N) TYPEBOUT007

L-EDEWBODY 7 1 NONE.
òì/-AØÆ>òì-AØÆ>òñò. AØÆ>òç[. AØÆ>òí™. AØÆ>òçû. AØÆ>òç[/AØÆ>Áí¤/AØÆ>ap

0A\xE>! j@0A\xE> `p%0A\xE> `p_1A\xE> `(N1A\xE>y!`1A\xE>@,,`01A\xE>>x!+2A\xE>>x!`2A\xE>>zU
3A\xE>-`zV3A\xE>éR-3A\xE>-`zÖ3A\xE>-`zV4A\xE>±_j 4A\xE>%47!5A\xE>>xç; 5\x>%47!5-pç>%47!6Ä

STAT_RESULTS0006 EOR BOR Evac # 1

L-EDEWBODY 8 1 NONEAÆ@Ø»6 '•7qï 8±°]80®, 8äýç8úÆ; €@EOR BOR CCDF_RESULTS0007 1 Evac #

L-EDEWBODY 0.965610E+01 0.112654E+02 (N) TYPEBOUT008

L-EDEWBODY 8 1 NONE.
ì/-AíÆ>ì/-AíÆ>ìñ. AíÆ>ìç[. AíÆ>ì™. AíÆ>ìçû. AíÆ>ìç[/AíÆ>Áí¤/AíÆ>ap
ìç[. AíÆ>ìçû. AíÆ>ìç[/AíÆ>Áí¤/AíÆ>ap

STAT_RESULTS006 EEvac # 1
L-EDEWBODY 0.112654E+02 0.128748E+02 (N) TYPEBOUT009
L-EDEWBODY 9 1 NONE 6 \$7a@6Z!^8y@:8a+&8úE3:

L_EDEWBODY 9 1 NONE 0E>,06 Z\$70/0/N 8y:80±8uE3;
€@EOR BOR CCDF_RESULTS0007 1 Evac # 1
L_EDEWBODY 0 112654E+02 0 128748E+02 (N) TYPEROUT009

L-EDEWBODY 9 1 NONE.
□/- □>□- □>□□ □>□□ □>□□ □>□□ □>□□ □>□□ □>□□ □>□□

0 æ>@ !j@0 æ>@ p%0 æ>@ p 1 æ>@ '(N1 æ>@ yI<1 æ>@ @,ð1 æ>@ xI+2 æ>@ xI<2 æ>@ ZÙ
3 æ>@ -;V3 æ>@ éR-3 æ>@ -;Ø3 æ>@ -;V4 æ>@ +;I:4 æ>@ %7@5aw; >g;c:5KK; >%7@5a@>>%7@6ü+@>SI6N%>

STAT_RESULTS00060 1 Evac # 1
L-EDEWBODY 0.128748E+02 0.1444841E+02 (N) TYPEBOUT010

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    EOR BOR □ STAT_RESULTS00066 □ □ □ 1□ □ CHRONC□
    0.000000E+00□ □ 0.804674E+02□ □ TYP10OUT001 □ 1 □ 15 □ NONE
    EOR BOR □ CCDF_RESULTS00076 □ □
    1□ 15 □ CHRONC□ □ 0.000000E+00□ □ 0.804674E+02□ □ TYP10OUT001
    1 □ 15 □ NONE .

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    □   □   □   1□   □   CHRONC□   □   0.000000E+00□   □   EOR BOR □   STAT_RESULTS00067
TYP10OUT001   1      15      NONE
EOR BOR □   CCDF_RESULTS00077   □   □   □   1□   □   CHRONC□   □   0.000000E+00□   □
  0.804674E+02□   □   TYP10OUT001   1      15      NONE.

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EOR BOR   STAT_RESULTS00068   1   CHRONC   0.000000E+00  0.804674E+02 TYP10OUT001 15 NONE
EOR BOR   CCDF_RESULTS00078   1   TYP10OUT001 15 NONE
15 NONE.

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    10      CHRONC  0.000000E+00  0.804674E+02 TYP10OUT001 1
15      NONE          EOR BOR
CCDF_RESULTS00079  0.000000E+00  0.804674E+02 TYP10OUT001 1
0.804674E+02  TYP10OUT001 1      15      NONE.

```