

Appendix F

Radiological Source Term Extract Table

**EXTRACT MATRIX V: MODEL ATTRIBUTES
RADIOLOGICAL CONSEQUENCE SOURCE TERMS**

Models	Gaseous Releases			Aerosol Releases	Particulate Releases	Chemistry	Isotopic Exchange	Physical Properties Capability
	Noble Gases	Iodines	Other Non-reactive Gases					
AI-RISK	NA	NA	NA	NA	✓	NA	NA	NA
ARAC (MATHEW/ADPIC)	✓	✓	✓	✓	✓	✓	NA	NA
ARCON96	---	---	---	✓	✓	NA	NA	NA
AXAIRQ	---	---	---	✓	✓	NA	NA	NA
AXAOTHER XL	---	---	---	✓	✓	NA	NA	NA
BNLGPM	✓	✓	NA	NA	NA	NA	NA	NA
CAP88-PC	---	---	---	✓	✓	NA	NA	NA
CONTAIN	✓	✓	✓	✓	✓	✓	✓	✓
COSYMA	✓	✓	NA	✓	✓	NA	NA	NA
DOSEEP	✓	✓	✓	NA	NA	NA	NA	NA
ERAD	NA	NA	NA	NA	✓	NA	NA	NA
ETMOD	✓	NA	NA	NA	NA	NA	NA	NA
FIRAC/FIRIN	✓	✓	✓	✓	NA	NA	✓	✓
GAUS1	✓	✓	✓	✓	✓	NA	NA	NA
HARM II	✓	✓	NA	✓	NA	NA	NA	NA
HOTSPOT	✓	✓	NA	NA	NA	NA	NA	NA
MACCS2	✓	✓	✓	✓	✓	✓	NA	✓
MELCOR	✓	✓	✓	✓	NA	✓	✓	✓
OMEGA/ADM v3.5	✓	✓	✓	✓	✓	✓	NA	✓
PIKE	NA	NA	✓	NA	✓	NA	NA	NA
PUFF-PLUME	✓	✓	✓	✓	✓	NA	NA	NA
RSAC-5	✓	✓	NA	✓	✓	✓	NA	✓
SCIPUFF	✓	NA	NA	NA	NA	NA	NA	NA

**EXTRACT MATRIX V: MODEL ATTRIBUTES
RADIOLOGICAL CONSEQUENCE SOURCE TERMS**

Models	Gaseous Releases			Aerosol Releases	Particulate Releases	Chemistry	Isotopic Exchange	Physical Properties Capability
	Noble Gases	Iodines	Other Non-reactive Gases					
SUDU	✓	NA	NA	NA	NA	NA	NA	NA
TRAC RA/HA	✓	✓	NA	NA	NA	✓	NA	✓
TRIAD 2-1	✓	✓	✓	✓	✓	✓	NA	NA
UFOTRI	NA	NA	✓	NA	NA	NA	NA	NA

--- No information provided.

NA - Not applicable for this model.