

Appendix M

Radiological Health Consequences Extract Table

EXTRACT MATRIX XII: RADIOLOGICAL HEALTH CONSIDERATIONS

Model	Cloudshine (Finite Cloud, Semi-infinite Cloud, Other)	Groundshine (Short-term, Long-term)	Inhalation (Short-term, Long-term, Total Effective Dose Equivalent, Uptake of Respirable Fraction of Particle Spectra)	Resuspension (Short-term, Long-term, Anspaugh)	Food/water Ingestion (Dynamic, Static)	Skin Dose (Absorption, Other)	Dose Assessment (Icrp-60 Criteria, Organs, Pathways)	Health Effects (Early, Latent)
AI-RISK	✓	✓	✓	✓	✓	✓	✓	✓
ALOHA	NA	NA	✓	NA	NA	NA	NA	NA
ARAC (MATHEW/ADPIC)	✓	✓	✓	✓	NA	NA	✓	✓
AXAIRQ	✓	✓	✓	NA	NA	✓	✓	NA
AXAOTHER XL	✓	NA	✓	NA	NA	✓	✓	NA
CAP88-PC	NA	NA	NA	NA	✓	NA	✓	NA
CASRAM	NA	NA	✓	NA	NA	NA	NA	✓
COSYMA	✓	✓	✓	✓	✓	✓	✓	✓
DOSEEP	✓	NA	NA	NA	NA	NA	✓	✓
ETMOD	NA	NA	NA	NA	NA	NA	✓	✓
GENII	NA	NA	NA	NA	NA	NA	NA	NA
HARM II	NA	NA	✓	NA	NA	NA	NA	NA
HOTSPOT	✓	NA	✓	✓	NA	✓	✓	NA
INPUFF	NA	NA	NA	NA	NA	NA	✓	NA
MACCS2	✓	✓	✓	✓	NA	✓	✓	✓
PIKE	✓	✓	NA	NA	✓	✓	✓	✓
RSAC-5	✓	✓	✓	NA	✓	✓	✓	NA
SUDU	✓	NA	NA	NA	NA	NA	NA	NA
TRAC RA/HA	✓	✓	✓	✓	✓	NA	✓	NA

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Model	Cloudshine (Finite Cloud, Semi-infinite Cloud, Other)	Groundshine (Short- term, Long-term)	Inhalation (Short-term, Long-term, Total Effective Dose Equivalent, Uptake of Respirable Fraction of Particle Spectra)	Resuspension (Short-term, Long-term, Anspaugh)	Food/water Ingestion (Dynamic, Static)	Skin Dose (Absorption, Other)	Dose Assessment (Icrp-60 Criteria, Organs, Pathways)	Health Effects (Early, Latent)
UFOTRI	NA	NA	✓	✓	✓	NA	NA	NA
VENTSAR XL	✓	NA	✓	NA	NA	✓	✓	NA

NA Not applicable for this model.