

**Appendix P**

**Radiological Countermeasures Extract Table**



EXTRACT MATRIX XV: RADIOLOGICAL EFFECTS AND COUNTERMEASURES

Model	Land Contamination	Economic Costs (Decontamination, Interdiction, Foodstuff Losses, Relocation, Facility Downtime, Denial of Facility Access, Victim Treatment)	Evacuation	Sheltering	Interdiction	Decontamination
AI-RISK	May be useful	NA	NA	NA	NA	NA
ARAC (MATHEW/ADPIC)	NA	NA	May be useful	May be useful	NA	NA
ARCON96	NA	NA	May be useful	May be useful	NA	NA
AXAIRQ	<b>NA</b>	<b>NA</b>	May be useful	May be useful	<b>NA</b>	<b>NA</b>
AXAOTHER XL	<b>NA</b>	<b>NA</b>	May be useful	May be useful	<b>NA</b>	<b>NA</b>
BNLGPM	NA	NA	May be useful	May be useful	NA	NA
CASRAM	NA	✓	✓	NA	NA	NA
CATS	NA	NA	May be useful	May be useful	NA	NA
COSYMA	NA	✓	✓	✓	✓	✓
DOSEEP	NA	NA	✓	✓	NA	NA
ERAD	NA	NA	May be useful	May be useful	NA	NA
ETMOD	NA	NA	May be useful	May be useful	NA	NA
FEM3C	NA	NA	May be useful	May be useful	NA	NA
GAUS1	<b>NA</b>	<b>NA</b>	May be useful	May be useful	<b>NA</b>	<b>NA</b>
GENII	✓	NA	✓	✓	NA	NA
GXQ	NA	NA	May be useful	May be useful	NA	NA
HARM- II	May be useful	NA	May be useful	May be useful	NA	NA
HGSYSTEM	May be useful	NA	May be useful	May be useful	NA	NA
HOTSPOT	✓	NA	May be useful	May be useful	NA	NA
INPUFF	May be useful	NA	May be useful	May be useful	NA	NA
MACCS2	✓	✓	✓	✓	✓	NA

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Model	Land Contamination	Economic Costs (Decontamination, Interdiction, Foodstuff Losses, Relocation, Facility Downtime, Denial of Facility Access, Victim Treatment)	Evacuation	Sheltering	Interdiction	Decontamination
MELCOR	NA	NA	May be useful	May be useful	NA	NA
OMEGA/ADM v3.5	May be useful	NA	May be useful	May be useful	NA	NA
PAVAN	May be useful	NA	May be useful	May be useful	NA	NA
PIKE	✓	✓	✓	May be useful	NA	NA
PUFF-PLUME	May be useful	NA	May be useful	May be useful	NA	NA
UFOTRI	✓	NA	NA	NA	✓	NA
VLSTRACK	May be useful	NA	May be useful	May be useful	NA	NA

NA Not applicable to this model.