

**TABLE 3.4-5 (cont): Listing of Core Damage Sequences That Contribute to Containment Failure Plant Damage States**

**Significant Sequences for Plant Damage State: PDS46**  
**Total PDS Frequency: 5.7130E-07 per yr**

Initiator.	Index....	Frequency.....	Failed Split Fractions.....
SLOCA	77	5.2955E-07	//EA1*EBC/HPF*L1F*FCF*LIF*CSF
MLOCA	58	1.4465E-08	//EA1*EBC/HPF*L1F*FCF*LIF*CSF
MLOCA	47	1.0663E-08	//EA1/DZ2*FCF*HR1*CSF
MLOCA	33	1.0662E-08	//EB1/DZ2*FCF*HR1*CSF

**Significant Sequences for Plant Damage State: PDS48A**  
**Total PDS Frequency: 3.7247E-07 per yr**

Initiator.	Index....	Frequency.....	Failed Split Fractions.....
SGTR	11	2.2253E-07	///OS1*S01*LR4
SGTR	12	4.7929E-08	///OS1*S01*MU1
SGTR	14	2.6044E-08	///OS1*O5E*S03
SGTR	29	2.2174E-08	///HP3*OS1*S01
SGTR	18	1.4964E-08	///L11*O31
SGTR	37	1.3421E-08	///RM2*OS1
SGTR	4	4.6321E-09	///O41*S02*LR4

**Significant Sequences for Plant Damage State: PDS48B**  
**Total PDS Frequency: 1.2502E-06 per yr**

Initiator.	Index....	Frequency.....	Failed Split Fractions.....
SGTR	6	4.9328E-07	///O41*O5A — or leads to cool & depress (early & late)
SGTR	113	4.0521E-07	//EA1*EBC/HPF*L1F — HPI & AFW fail
SGTR	13	1.6504E-07	///OS1*O5E — or fails to isolate
SGTR	23	9.8181E-08	///HP3*O41*O5G
SGTR	33	4.3822E-08	///HP3*L14 — HPI & AFW

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