

CHAPTER 19—PRA AND SEVERE ACCIDENT LIST OF TABLES

Table 19.1-1	Characterization of U.S. EPR PRA Relative to Supporting Requirements in ASME PRA Standard.....	19.1-226
Table 19.1-2	Features for U.S. EPR that Address Challenges for Current PWRs.....	19.1-228
Table 19.1-3	Example Review of Initiating Events for Applicability to U.S. EPR.....	19.1-234
Table 19.1-4	Summary of Initiating Events for the U.S. EPR PRA	19.1-236
Table 19.1-5	Systems Analyzed in U.S. EPR PRA.....	19.1-239
Table 19.1-6	U.S. EPR Significant Initiating Event Contributions - Level 1 Internal Events (Contributing more than 1% to Internal Events CDF)	19.1-243
Table 19.1-7	U.S. EPR Important Cutset Groups - Level 1 Internal Events	19.1-244
Table 19.1-8	U.S. EPR Risk-Significant Components based on FV Importance - Level 1 Internal Events	19.1-259
Table 19.1-9	U.S. EPR Risk-Significant Components based on RAW Importance - Level 1 Internal Events	19.1-265
Table 19.1-10	U.S. EPR Risk-Significant Human Actions based on FV Importance - Level 1 Internal Events	19.1-275
Table 19.1-11	U.S. EPR Risk-Significant Human Actions based on RAW Importance - Level 1 Internal Events	19.1-276
Table 19.1-12	U.S. EPR Risk-Significant Common Cause Events based on RAW Importance - Level 1 Internal Events.....	19.1-277
Table 19.1-13	U.S. EPR Risk-Significant Common Cause I&C Events based on RAW Importance - Level 1 Internal Event.....	19.1-279
Table 19.1-14	U.S. EPR Risk-Significant PRA Parameters - Level 1 Internal Events	19.1-280
Table 19.1-15	U.S. EPR Level 1 Internal Events Sensitivity Studies.....	19.1-283
Table 19.1-16	Core Damage End States and their Treatment in the CETs.....	19.1-285
Table 19.1-17	Summary of Long Term Challenges Probabilistic Evaluation...	19.1-296
Table 19.1-18	Description of Level 2 Containment Event Trees.....	19.1-297



Table 19.1-19	Release Category Definitions	19.1-299
Table 19.1-20	Source Terms for Each Release Category	19.1-301
Table 19.1-21	Failure Modes and Pressure Capacities of the Containment Six Sub-areas under an Accident Temperature Condition of 309°F	19.1-303
Table 19.1-22	Containment Isolation Valves Assessed in Level 2 PRA.....	19.1-304
Table 19.1-23	Evaluation of Equipment Survivability for Level 2.....	19.1-309
Table 19.1-24	Internal Events Release Category Results - Large Release Frequency.....	19.1-315
Table 19.1-25	Level 2 Internal Events Large Release Significant Cutsets	19.1-318
Table 19.1-26	U.S. EPR Core Damage End States Contributions - Level 2 Internal Events.....	19.1-428
Table 19.1-27	U.S. EPR Initiating Events Contributions - Level 2 Internal Events.....	19.1-429
Table 19.1-28	U.S. EPR Risk-Significant Phenomena based on FV Importance - Level 2 Internal Events	19.1-431
Table 19.1-29	U.S. EPR Risk-Significant Phenomena based on RAW Importance - Level 2 Internal Events	19.1-433
Table 19.1-30	U.S. EPR Risk-Significant Equipment based on FV Importance - Level 2 Internal Events	19.1-434
Table 19.1-31	U.S. EPR Risk-Significant Equipment based on RAW Importance - Level 2 Internal Events	19.1-439
Table 19.1-32	U.S. EPR Risk-Significant Human Actions based on FV Importance - Level 2 Internal Events	19.1-455
Table 19.1-33	U.S. EPR Risk-Significant Human Actions based on RAW Importance - Level 2 Internal Events	19.1-456
Table 19.1-34	U.S. EPR Risk-Significant Common Cause Events based on RAW Importance - Level 2 Internal Events.....	19.1-457
Table 19.1-35	U.S. EPR Risk-Significant I&C Events based on RAW Importance - Level 2 Internal Events	19.1-460
Table 19.1-36	U.S. EPR Risk-Significant PRA Parameters - Level 2 Internal.....	19.1-461
Table 19.1-37	Summary of SMA Cutsets (from the at-power and shutdown PRA)	19.1-464
Table 19.1-38	Changes in U.S. EPR Flooding Scenarios and Frequency Calculation	19.1-479
Table 19.1-39	Flooding Scenarios Description and Frequency Calculation	19.1-480

Table 19.1-40	U.S. EPR Initiating Events Contributions - Level 1 Internal Flooding (Contributing More than 1% to Internal Flooding CDF).....	19.1-481
Table 19.1-41	U.S. EPR Important Cutsets - Level 1 Flooding (Top 100 Events).....	19.1-482
Table 19.1-42	U.S. EPR Risk-Significant Components based on FV Importance – Level 1 Internal Flooding.....	19.1-488
Table 19.1-43	U.S. EPR Risk-Significant Components based on RAW Importance - Level 1 Flooding	19.1-492
Table 19.1-44	U.S. EPR Risk-Significant Human Actions based on FV Importance - Level 1 Internal Flooding	19.1-507
Table 19.1-45	U.S. EPR Risk-Significant Human Actions based on RAW Importance - Level 1 Internal Flooding	19.1-508
Table 19.1-46	U.S. EPR Risk-Significant Common Cause Events based on RAW – Level 1 Internal Flooding	19.1-509
Table 19.1-47	U.S. EPR Risk-Significant Common Cause I&C Events based on RAW Importance - Level 1 Internal Flooding	19.1-511
Table 19.1-48	U.S. EPR Risk-Significant PRA Parameters - Level 1 Flooding.....	19.1-512
Table 19.1-49	U.S. EPR Level 1 Flooding Events Sensitivity Studies	19.1-514
Table 19.1-50	Level 2 Flooding Events Release Category Results - LRF	19.1-516
Table 19.1-51	Level 2 Flooding Events Large Release Significant Cutsets	19.1-519
Table 19.1-52	U.S. EPR Core Damage End States Contributions - Level 2 Internal Flooding	19.1-542
Table 19.1-53	U.S. EPR Initiating Event Contributions - Level 2 Internal Flooding	19.1-543
Table 19.1-54	U.S. EPR Risk-Significant Phenomena Based on FV Importance - Level 2 Internal Flooding	19.1-544
Table 19.1-55	U.S. EPR Risk-Significant Phenomena based on RAW Importance - Level 2 Internal Flooding	19.1-545
Table 19.1-56	U.S. EPR Risk-Significant Equipment based on FV Importance - Level 2 Internal Flooding	19.1-546
Table 19.1-57	U.S. EPR Risk-Significant Equipment based on RAW Importance - Level 2 Internal Flooding	19.1-548
Table 19.1-58	U.S. EPR Risk-Significant Human Actions based on FV Importance - Level 2 Internal Flooding	19.1-559
Table 19.1-59	U.S. EPR Risk-Significant Human Actions based on RAW Importance - Level 2 Internal Flooding	19.1-560

Table 19.1-60	U.S. EPR Risk-Significant Common Cause Events based on RAW - Level 2 Internal Flooding	19.1-561
Table 19.1-61	U.S. EPR Risk-Significant I&C Events based on RAW Importance - Level 2 Internal Flooding	19.1-562
Table 19.1-62	U.S. EPR Fire Areas and Corresponding Fire Areas Modeled in the PRA (PFAs).....	19.1-563
Table 19.1-63	Basis for PFA Fire Frequencies.....	19.1-567
Table 19.1-64	Fire Scenarios Description and Frequency Calculation.....	19.1-569
Table 19.1-65	U.S. EPR Initiating Event Contributions - Level 1 Internal Fires (Contributing more than 1% to Internal Fire CDF)	19.1-571
Table 19.1-66	U.S. EPR Important Cutset Groups - Level 1 Internal Fire Events (Top 100 Events)	19.1-572
Table 19.1-67	U.S. EPR Risk-Significant Components based on FV Importance - Level 1 Internal Fire Events	19.1-588
Table 19.1-68	U.S. EPR Risk-Significant Components based on RAW Importance - Level 1 Internal Fire Events	19.1-591
Table 19.1-69	U.S. EPR Risk-Significant Human Actions based on FV Importance - Level 1 Internal Fire Events	19.1-601
Table 19.1-70	U.S. EPR Risk-Significant Human Actions based on RAW Importance - Level 1 Internal Fire Events	19.1-602
Table 19.1-71	U.S. EPR Risk-Significant Common Cause Events based on RAW Importance - Level 1 Internal Fire Events.....	19.1-603
Table 19.1-72	U.S. EPR Risk-Significant Common Cause I&C Events based on RAW Importance - Level 1 Internal Fire Events.....	19.1-605
Table 19.1-73	U.S. EPR Risk-Significant PRA Parameters - Level 1 Internal Fire	19.1-606
Table 19.1-74	U.S. EPR Level 1 Fire Events Sensitivity Studies.....	19.1-608
Table 19.1-75	Level 2 Fire Events Release Category Results - LRF	19.1-610
Table 19.1-76	Level 2 Fire Events Significant Cutsets and Sequences	19.1-613
Table 19.1-77	U.S. EPR Core Damage End States Contributions - Level 2 Internal Fires	19.1-664
Table 19.1-78	U.S. EPR Initiating Events Contributions - Level 2 Internal Fires	19.1-665
Table 19.1-79	U.S. EPR Risk-Significant Phenomena Based on FV Importance - Level 2 Internal Fires	19.1-666
Table 19.1-80	U.S. EPR Risk-Significant Phenomena Based on RAW Importance-Level 2 Internal Fires	19.1-668

Table 19.1-81	U.S. EPR Risk-Significant Equipment based on FV Importance - Level 2 Internal Fires	19.1-669
Table 19.1-82	U.S. EPR Risk-Significant Equipment based on RAW Importance - Level 2 Internal Fires	19.1-672
Table 19.1-83	U.S. EPR Risk-Significant Human Actions based on FV Importance-Level 2 Internal Fires	19.1-681
Table 19.1-84	U.S. EPR Risk-Significant Human Actions based on RAW Importance-Level 2 Internal Fires	19.1-682
Table 19.1-85	U.S. EPR Risk-Significant Common Cause Events based on RAW Importance - Level 2 Internal Fires.....	19.1-683
Table 19.1-86	U.S. EPR Risk-Significant I&C Common Cause Events based on RAW Importance - Level 2 Internal Fires.....	19.1-685
Table 19.1-87	Plant Operating States (POS).....	19.1-686
Table 19.1-88	LPSD Initiating Event List	19.1-688
Table 19.1-89	System Availability During Shutdown	19.1-689
Table 19.1-90	U.S. EPR Significant Initiating Events Contributions - Level 1 Shutdown (Contributing more than 1% to SD CDF)	19.1-691
Table 19.1-91	U.S. EPR Shutdown State (POS) Contributions - Level 1 Shutdown.....	19.1-692
Table 19.1-92	U.S. EPR Important Cutset Groups - Level 1 Shutdown (Top 100 Events).....	19.1-693
Table 19.1-93	U.S. EPR Risk-Significant Components based on FV Importance - Level 1 Shutdown	19.1-710
Table 19.1-94	U.S. EPR Risk-Significant Equipment based on RAW Importance - Level 1 Shutdown	19.1-712
Table 19.1-95	U.S. EPR Risk-Significant Human Actions at Shutdown based on FV Importance - Level 1 Shutdown.....	19.1-720
Table 19.1-96	U.S. EPR Risk-Significant Human Actions based on RAW Importance - Level 1 Shutdown	19.1-721
Table 19.1-97	U.S. EPR Risk-Significant Common Cause Events based on RAW Importance - Level 1 Shutdown.....	19.1-722
Table 19.1-98	U.S. EPR Risk-Significant Common Cause I&C Events based on RAW Importance - Level 1 Shutdown.....	19.1-723
Table 19.1-99	U.S. EPR Risk-Significant PRA Parameters - Level 1 Shutdown.....	19.1-724
Table 19.1-100	U.S. EPR LEVEL 1 Internal Events Sensitivity Studies - Level 1 Shutdown	19.1-725



Table 19.1-101	Level 2 Low Power Shutdown Plant Operating States Release Categories	19.1-726
Table 19.1-102	U.S. EPR Design Features Contributing to Low Risk	19.1-727
Table 19.1-103	U.S. EPR Level 1 Top Initiating Event Contributions to the Total CDF at Power (Contributing more than 1% to Total CDF) Rank	19.1-734
Table 19.1-104	U.S. EPR Level 1 Total Events Sensitivity Studies	19.1-736
Table 19.1-105	U.S. EPR Release Category Contributions to Total LRF from at Power Internal Events, Fire and Flooding	19.1-739
Table 19.1-106	SSC HCLPF Capacities	19.1-742
Table 19.1-107	Deleted.....	19.1-748
Table 19.1-108	U.S. EPR PRA Based Insights.....	19.1-749
Table 19.1-109	U.S. EPR PRA General Assumptions.....	19.1-755
Table 19.1-110	Level 2 Low Power Shutdown Plant Operating States Definition	19.1-776
Table 19.1-111	Level 2 Low Power Shutdown Core Damage End States Definition	19.1-777
Table 19.1-112	Level 2 Low Power Shutdown Containment Isolation.....	19.1-778
Table 19.1-113	Level 2 Low Power Shutdown Source Term for Plant State CA.....	19.1-779
Table 19.1-114	Level 2 Low Power Shutdown Source Term for Plant State CB.....	19.1-781
Table 19.1-115	Level 2 Low Power Shutdown Source Term for Plant States D and E.....	19.1-783
Table 19.1-116	U.S. EPR Large Release Category Results - Level 2 Shutdown.....	19.1-784
Table 19.1-117	U.S. EPR Large Release Frequency for each POS - Level 2 Shutdown.....	19.1-787
Table 19.1-118	U.S. EPR Large Release Frequency for each Initiating Event - Level 2 Shutdown.....	19.1-788
Table 19.1-119	U.S. EPR Release Category Frequencies for each POS - Level 2 Shutdown.....	19.1-790
Table 19.1-120	U.S. EPR Important Cutset Groups - Level 2 Shutdown	19.1-792
Table 19.1-121	U.S. EPR CDES Contribution to the LRF - Level 2 Shutdown..	19.1-837
Table 19.1-122	U.S. EPR Risk-Significant Phenomena based on FV Importance - Level 2 Shutdown	19.1-838

Table 19.1-123	U.S. EPR Risk-Significant Phenomena based on RAW Importance - Level 2 Shutdown	19.1-839
Table 19.1-124	U.S. EPR Risk Significant Level 2 Human Actions based on either FV or RAW Importance - Level 2 Shutdown	19.1-840
Table 19.1-125	U.S. EPR Risk Significant Components based on FV Importance Measure Related to Level 2 Specific Importance - Level 2 Shutdown	19.1-842
Table 19.1-126	U.S. EPR Risk Significant Components based on RAW Importance Measure Related to Level 2 Specific Importance - Level 2 Shutdown	19.1-845
Table 19.1-127	U.S. EPR Important Sequences – Level 1 Internal Events (Contributing more than 1% to the Total CDF)	19.1-856
Table 19.1-128	U.S. EPR Important Sequences – Level 1 Flooding Events (Contributing more than 1% to the Total CDF)	19.1-859
Table 19.1-129	U.S. EPR Important Sequences – Level 1 Internal Fire Events (Contributing more than 1% to the Total CDF)	19.1-860
Table 19.1-130	U.S. EPR Important Sequence(s) – Level 1 Shutdown (Contributing more than 1% to the Total CDF)	19.1-861
Table 19.1-131	Key Sources of Uncertainties.....	19.1-862
Table 19.2-1	Chronology of a Bounding Severe Accident through RPV Failure	19.2-75
Table 19.2-2	SAHRS Design and Operating Parameters	19.2-76
Table 19.2-3	Severe Accident Instrumentation and Equipment.....	19.2-77
Table 19.2-4	SAMG Technical Basis - Mapping Challenge Mechanism to Operator Action.....	19.2-81
Table 19.2-5	SAMDA Candidates - Already Implemented.....	19.2-82
Table 19.2-6	COL Applicant Responsibilities for ELAP Event Mitigation.....	19.2-85
Table 19A-1	Event Tree Headings for Initiating Event BDA: Loss of Divisional Emergency AC Power	19A-3
Table 19A-2	Event Tree Headings for ATWS: Failure to Scram	19A-6
Table 19A-3	Event Tree Headings for Initiating Event GT: General Transient.....	19A-8
Table 19A-4	Event Tree Headings for Initiating Event IND SGTR: Induced Steam Generator Tube Rupture	19A-10
Table 19A-5	Event Tree Headings for Initiating Event ISL-CCW RCPTB: ISLOCA Due to RCP Thermal Barrier Tube Break.....	19A-11

Table 19A-6	Event Tree Headings for Initiating Event ISL-CVCS HPTR: ISLOCA Due to Tube Rupture in CVCS High Pressure Cooler ...	19A-12
Table 19A-7	Event Tree Headings for Initiating Event ISL-CVCS INJ: ISLOCA Due to Rupture of High Pressure CVCS Pipe Outside Containment.....	19A-13
Table 19A-8	Event Tree Headings for Initiating Event ISL-CVCS REDS: ISLOCA Due to Spurious Opening of Reducing Station	19A-14
Table 19A-9	Event Tree Headings for Initiating Event ISL-SIS LHSI: ISLOCA Due to Break in LHSI Cold Leg Injection Valves with LHSI Rupture in Respective SAB	19A-15
Table 19A-10	Event Tree Headings for Initiating Event ISL-SIS MHSI: ISLOCA Due to Break in MHSI Cold Leg Injection Valves with MHSI Rupture in Respective SAB	19A-15
Table 19A-11	Event Tree Headings for Initiating Event ISL-SIS RHR: ISLOCA Due to Failure of Suction Line MOVs and Subsequent RHR Line Rupture in Respective SAB.....	19A-15
Table 19A-12	Event Tree Headings for Initiating Event LBOP: Loss of Balance of Plant Closed Loop Cooling Water or Auxiliary Cooling Water.....	19A-16
Table 19A-13	Event Tree Headings for Initiating Event LLOCA: Large Loss-of-Coolant Accident.....	19A-18
Table 19A-14	Event Tree Headings for Initiating Event LOC: Loss of Main Condenser	19A-19
Table 19A-15	Event Tree Headings for Initiating Event LOCCW: Loss of CCWS or ESWS	19A-21
Table 19A-16	Event Tree Headings for Initiating Event LOMFW: Loss of Main Feedwater	19A-24
Table 19A-17	Event Tree Headings for Initiating Event LOOP: Loss of Offsite Power	19A-26
Table 19A-18	Event Tree Headings for Initiating Event MLOCA: Medium Loss-of-Coolant-Accident.....	19A-29
Table 19A-19	Event Tree Headings for Initiating Event MSSV: Spurious Opening of Main Steam Safety Valve.....	19A-31
Table 19A-20	Event Tree Headings for Initiating Event SGTR: Steam Generator Tube Rupture.....	19A-34
Table 19A-21	Event Tree Headings for Initiating Event SLBI: Steam-Line Break Inside Containment.....	19A-37
Table 19A-22	Event Tree Headings for Initiating Event SLBO: Steam-Line Break Outside Containment.....	19A-40

Table 19A-23	Event Tree Headings for Initiating Event SLOCA: Small Loss-of-Coolant Accident.....	19A-43
Table 19A-24	Event Tree Headings for Initiating Event FLD-ANN: Flooding in Annulus (FWDS Pipe Break).....	19A-45
Table 19B-1	Event Tree Headings for Initiating Event IE SD LOCA-L (Large): LLOCA During Shutdown State C.....	19B-2
Table 19B-2	Event Tree Headings for Initiating Event IE SD LOCA-S (Small): SLOCA During Shutdown State C	19B-3
Table 19B-3	Event Tree Headings for Initiating Event IE SD LOCA (Large & Small): LOCA During Shutdown State D.....	19B-5
Table 19B-4	Event Tree Headings for Initiating Event IE RHR: Loss of RHR During Shutdown State C.....	19B-6
Table 19B-5	Event Tree Headings for Initiating Event IE RHR: Loss of RHR During Shutdown State D.....	19B-8
Table 19B-6	Event Tree Headings for Initiating Event IE ULD: Uncontrolled Level Drop During State CB.....	19B-9
Table 19B-7	Event Tree Headings for Initiating Event IE ULD: Uncontrolled Level Drop During State D	19B-11
Table 19C-1	Containment Event Tree #CET CF - CET for Sequences Leading to Direct Containment Failure	19C-2
Table 19C-2	Containment Event Tree #CET ISL - CET for IS LOCA Sequences	19C-3
Table 19C-3	Containment Event Tree #CET LIMITED CD - CET for Sequences Identified as Limited Core Damage Cases in CDES Link Trees	19C-4
Table 19C-4	Containment Event Tree #CET LO PRESSURE - CET for Low Pressure CDES or Depressurized HI CDES.....	19C-5
Table 19C-5	Containment Event Tree #CET SGTR - CET for SGTR Sequences	19C-17
Table 19C-6	Containment Event Tree #CET SGTR FW - CET for SGTR Sequences, FW Running	19C-18
Table 19C-7	Containment Event Tree #CET1 HI PRESSURE - Initial CET for High Pressure CDES	19C-19
Table 19C-8	Containment Event Tree #CET2 HI PRESSURE - CET for Low pressure CDES or Depressurized HI CDES	19C-21
Table 19C-9	Containment Event Tree #CET LO PRESSURE(E) - CET for Low Pressure(E) CDES or Depressurized HI CDES	19C-25



Table 19C-10	CDES Link Event Tree for CDES AT (Event Tree ID - CDES-AT)	19C-26
Table 19C-11	CDES Link Event Tree for CDES ATI (Event Tree ID - CDES-ATI)	19C-27
Table 19C-12	CDES Link Event Tree for CDES ATI1 (Event Tree ID - CDES-ATI1)	19C-28
Table 19C-13	CDES Link Event Tree for CDES IS (Event Tree ID - CDES-IS).....	19C-29
Table 19C-14	CDES Link Event Tree for CDES LL (Event Tree ID - CDES-LL).....	19C-29
Table 19C-15	CDES Link Event Tree for CDES LL1 (Event Tree ID - CDES-LL1).....	19C-30
Table 19C-16	CDES Link Event Tree for CDES ML (Event Tree ID - CDES-ML).....	19C-31
Table 19C-17	CDES Link Event Tree for CDES ML1 (Event Tree ID - CDES-ML1).....	19C-32
Table 19C-18	CDES Link Event Tree for CDES PL (Event Tree ID - CDES-PL).....	19C-33
Table 19C-19	CDES Link Event Tree for CDES RV (Event Tree ID - CDES-RV).....	19C-34
Table 19C-20	CDES Link Event Tree for CDES SG (Event Tree ID - CDES-SG).....	19C-34
Table 19C-21	CDES Link Event Tree for CDES SG1 (Event Tree ID - CDES-SG1).....	19C-35
Table 19C-22	CDES Link Event Tree for CDES SL (Event Tree ID - CDES-SL).....	19C-36
Table 19C-23	CDES Link Event Tree for CDES SL1 (Event Tree ID - CDES-SL1).....	19C-37
Table 19C-24	CDES Link Event Tree for CDES SL1D (Event Tree ID - CDES-SL1D).....	19C-38
Table 19C-25	CDES Link Event Tree for CDES SLD (Event Tree ID - CDES-SLD).....	19C-39
Table 19C-26	CDES Link Event Tree for CDES SP (Event Tree ID - CDES-SP)	19C-39
Table 19C-27	CDES Link Event Tree for CDES SP1 (Event Tree ID - CDES-SP1)	19C-40
Table 19C-28	CDES Link Event Tree for CDES SP1D (Event Tree ID - CDES-SP1D).....	19C-41

Table 19C-29	CDES Link Event Tree for CDES SPD (Event Tree ID - CDES-SPD).....	19C-42
Table 19C-30	CDES Link Event Tree for CDES SS (Event Tree ID - CDES-SS)	19C-42
Table 19C-31	CDES Link Event Tree for CDES SS1 (Event Tree ID - CDES-SS1)	19C-43
Table 19C-32	CDES Link Event Tree for CDES SS1D (Event Tree ID - CDES-SS1D).....	19C-44
Table 19C-33	CDES Link Event Tree for CDES SSD (Event Tree ID - CDES-SSD).....	19C-45
Table 19C-34	CDES Link Event Tree for CDES TP (Event Tree ID - CDES-TP)	19C-45
Table 19C-35	CDES Link Event Tree for CDES TP1 (Event Tree ID - CDES-TP1)	19C-46
Table 19C-36	CDES Link Event Tree for CDES TR (Event Tree ID - CDES-TR)	19C-47
Table 19C-37	CDES Link Event Tree for CDES TR1 (Event Tree ID - CDES-TR1)	19C-48
Table 19C-38	CDES Link Event Tree for CDES TR1D (Event Tree ID - CDES-TR1D).....	19C-49
Table 19C-39	CDES Link Event Tree for CDES TRD (Event Tree ID - CDES-TRD).....	19C-50
Table 19C-40	CDES Link Event Tree for CDES TRANN (Event Tree ID - CDES-TRANN).....	19C-50