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9A REPRESENTATIVE SEQUENCES

The representative sequences analyzed during the source term calculation are shown in this appendix. Each release category has one or two release sequences, as discussed in Section 9.0.

9A.1 BOC (Mid-Leve1 RWCU Line) Representative Sequence (BOCsd_nIN_R1)

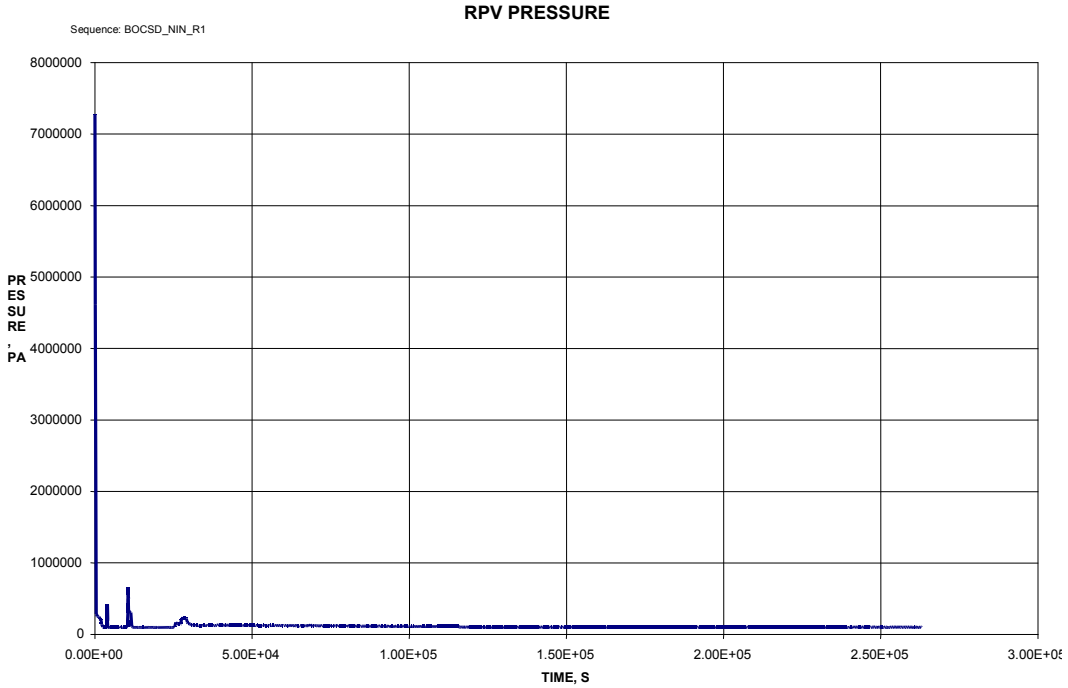

Figure 9A-1a. BOCsd_nIN_R1 RPV Pressure

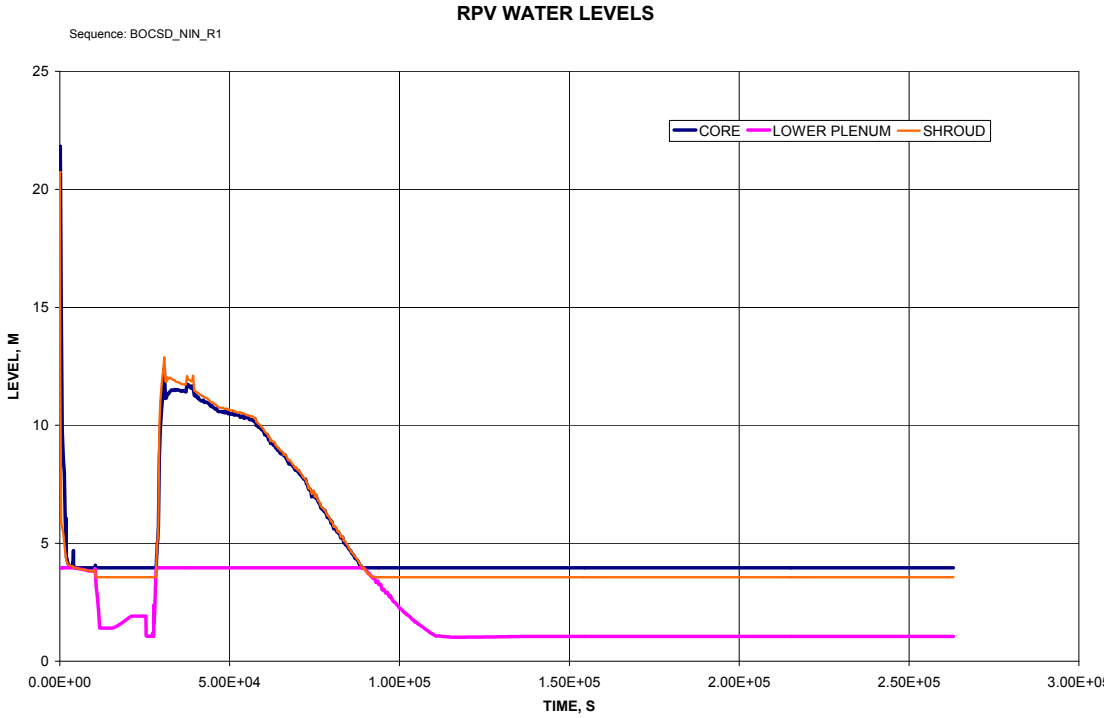

Figure 9A-1b. BOCsd_nIN_R1 RPV Water Levels

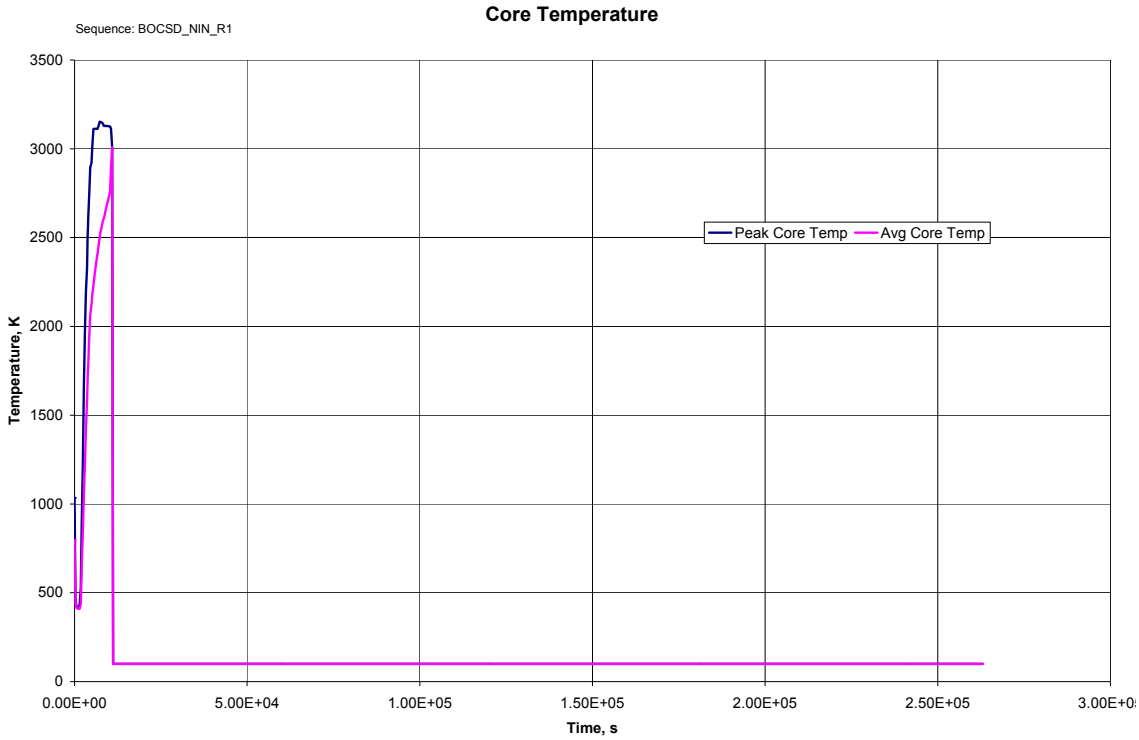

Figure 9A-1c. BOCsd_nIN_R1 Core Temperature

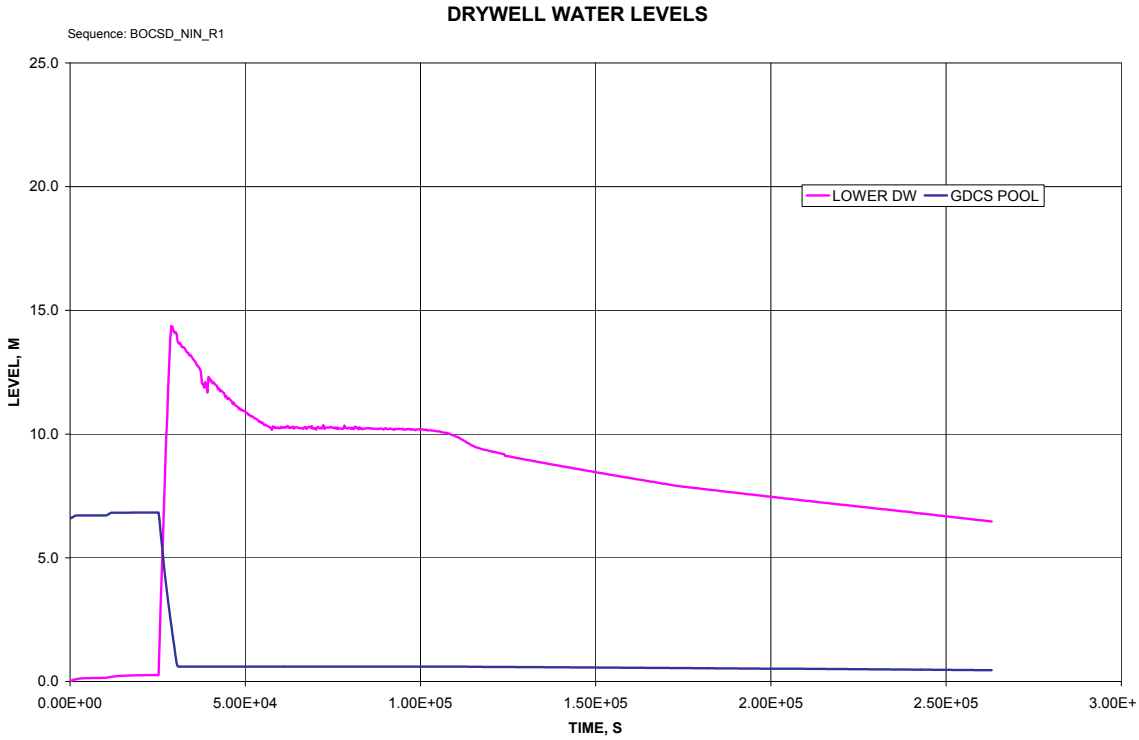

Figure 9A-1d. BOCsd_nIN_R1 Drywell Water Levels

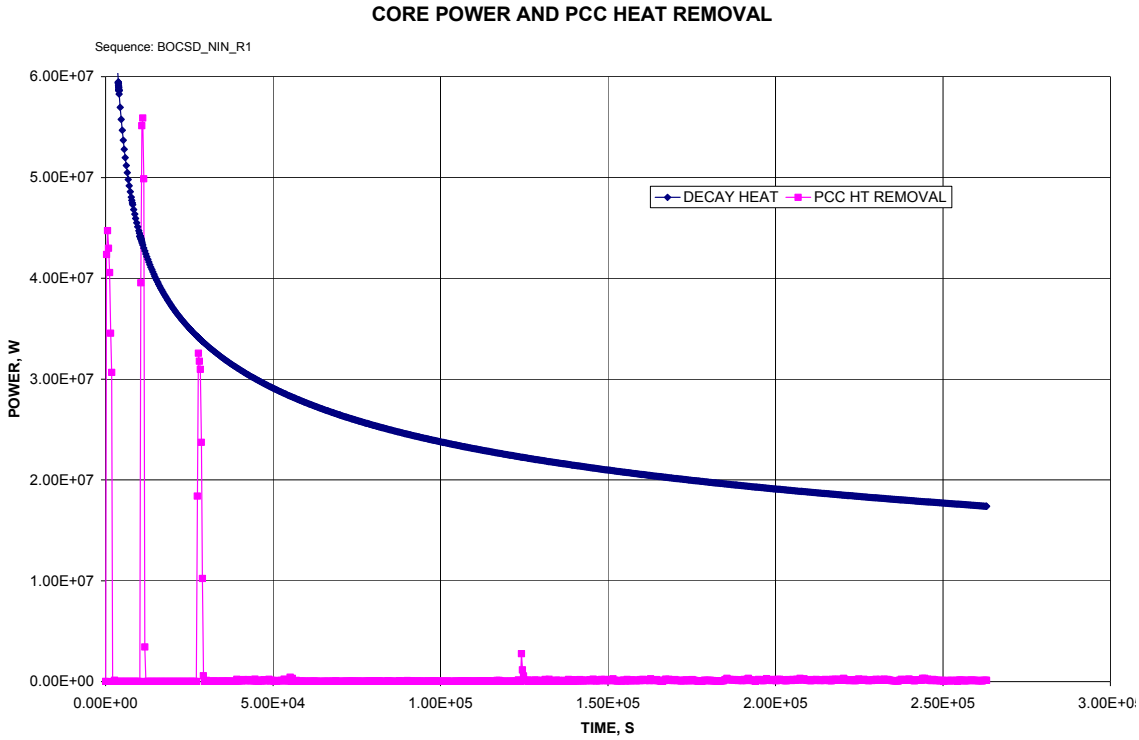

Figure 9A-1e. BOCsd_nIN_R1 Core Power and PCC Heat Removal

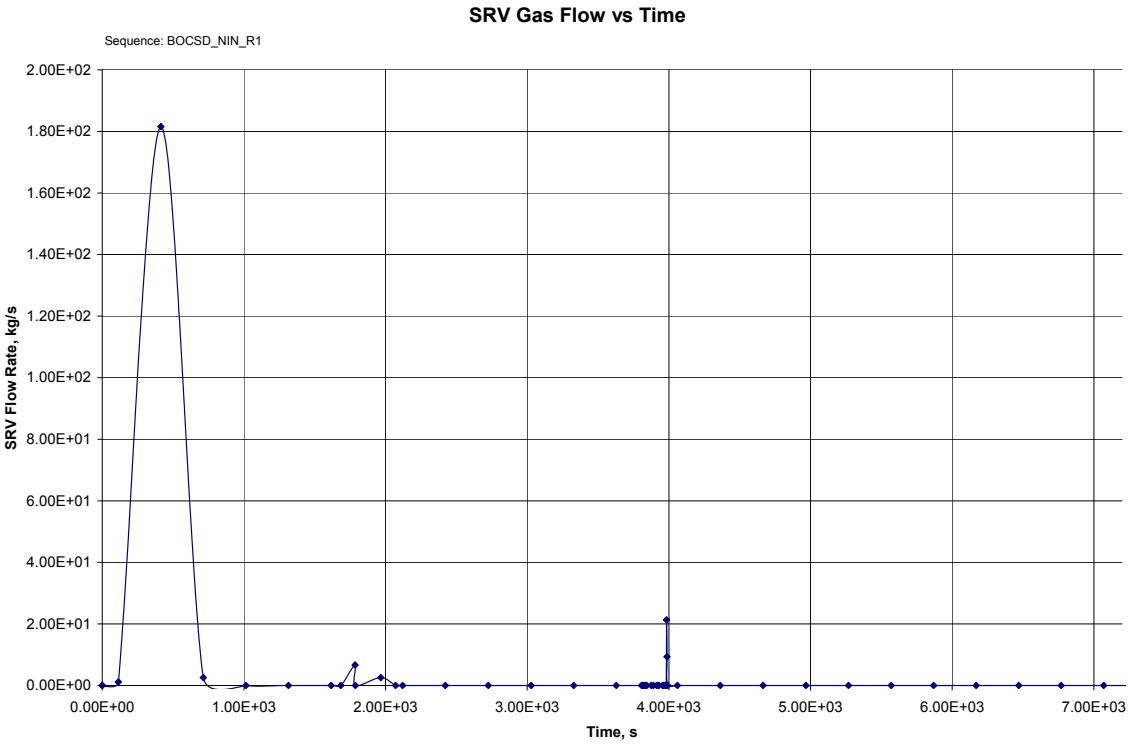

Figure 9A-1f. BOCsd_nIN_R1 SRV Gas flow vs. Time

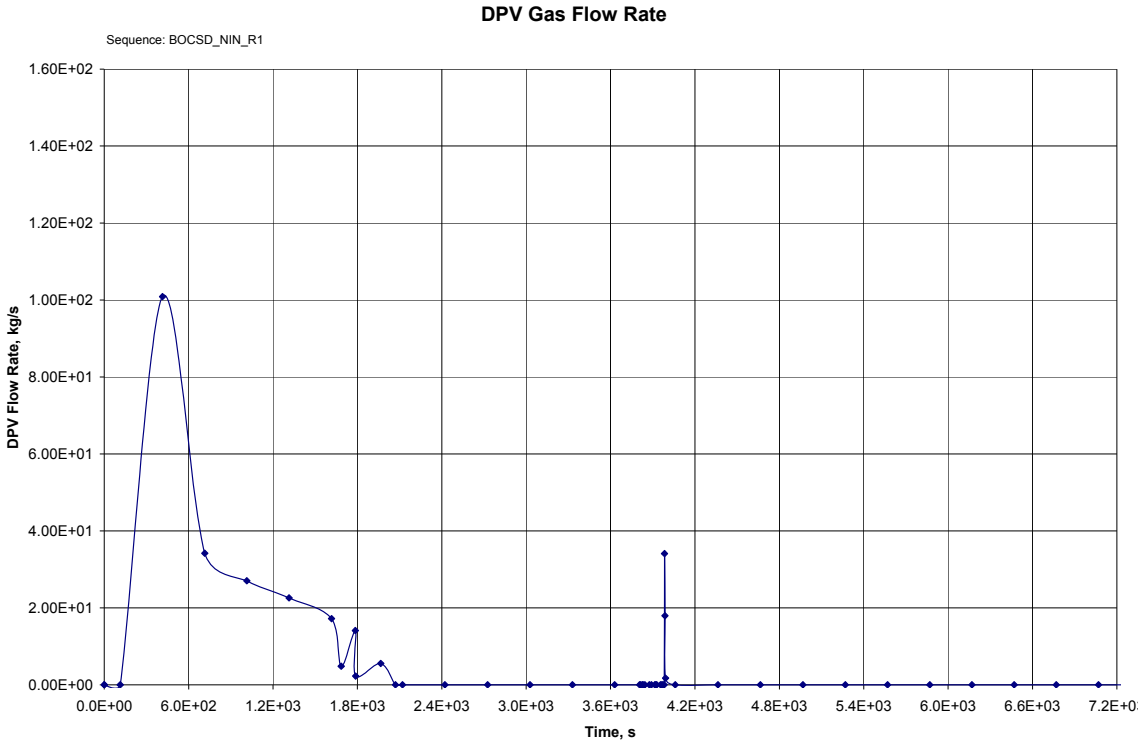

Figure 9A-1g. BOCsd_nIN_R1 DPV Gas Flow Rate

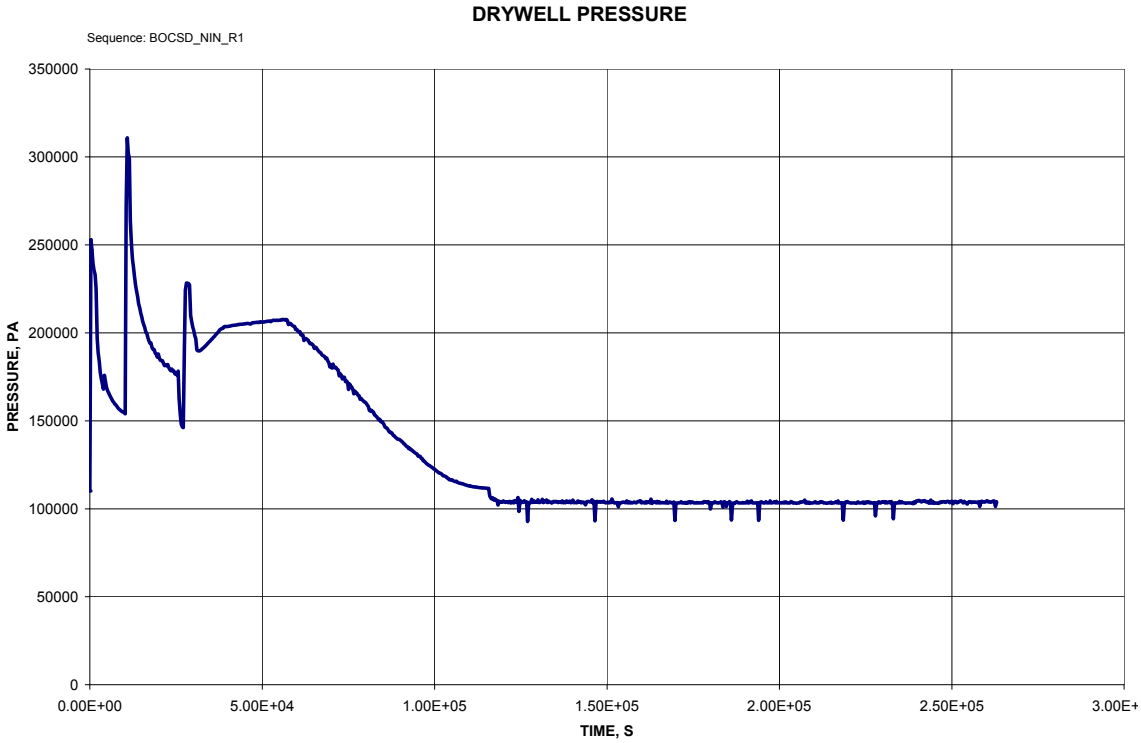

Figure 9A-1h. BOCsd_nIN_R1 Drywell Pressure

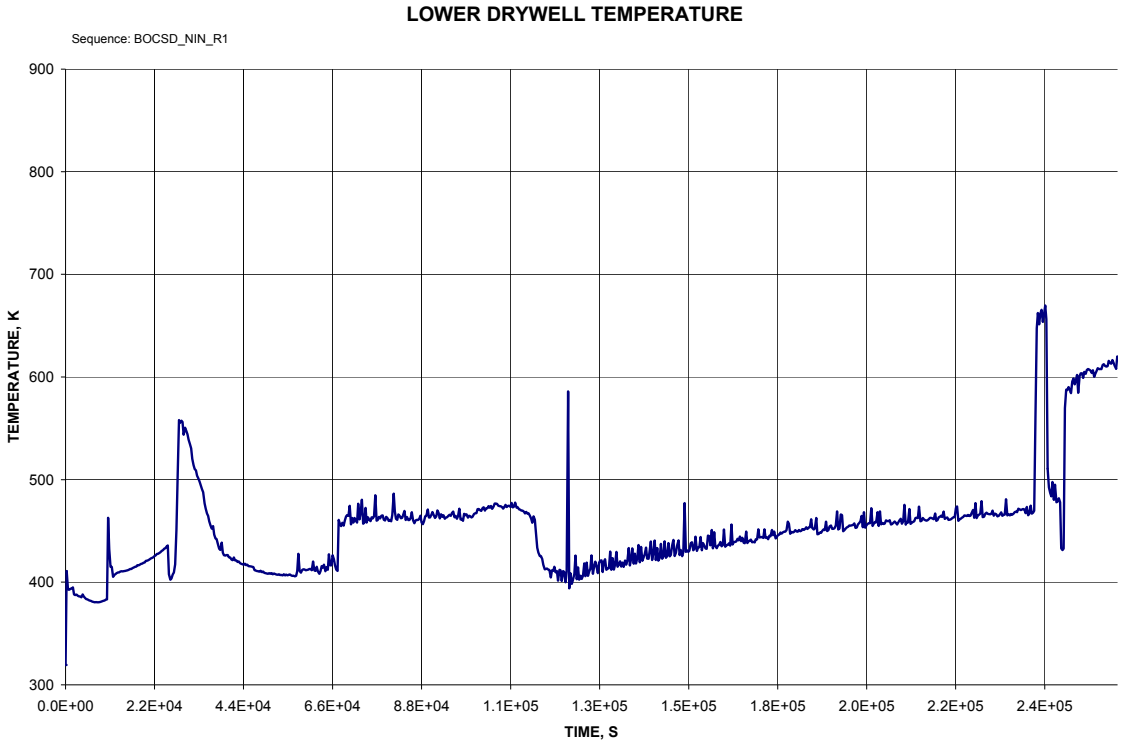

Figure 9A-1i. BOCsd_nIN_R1 Lower Drywell Temperature

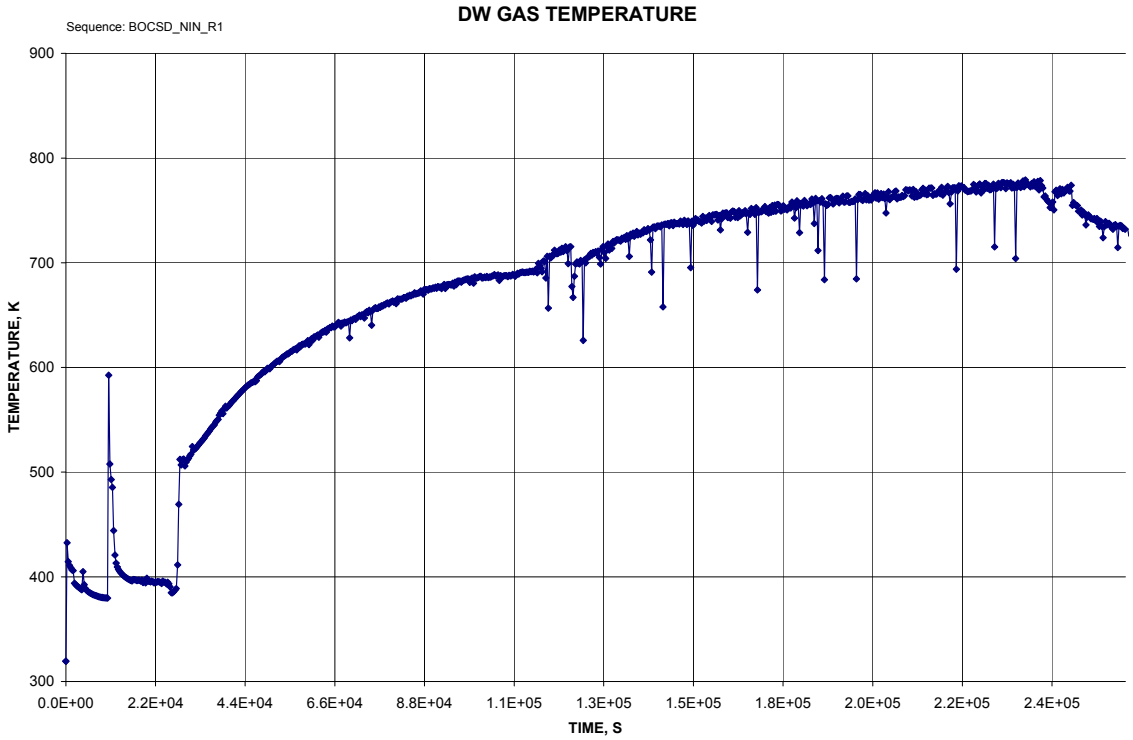

Figure 9A-1j. BOCsd_nIN_R1 DW Gas Temperature

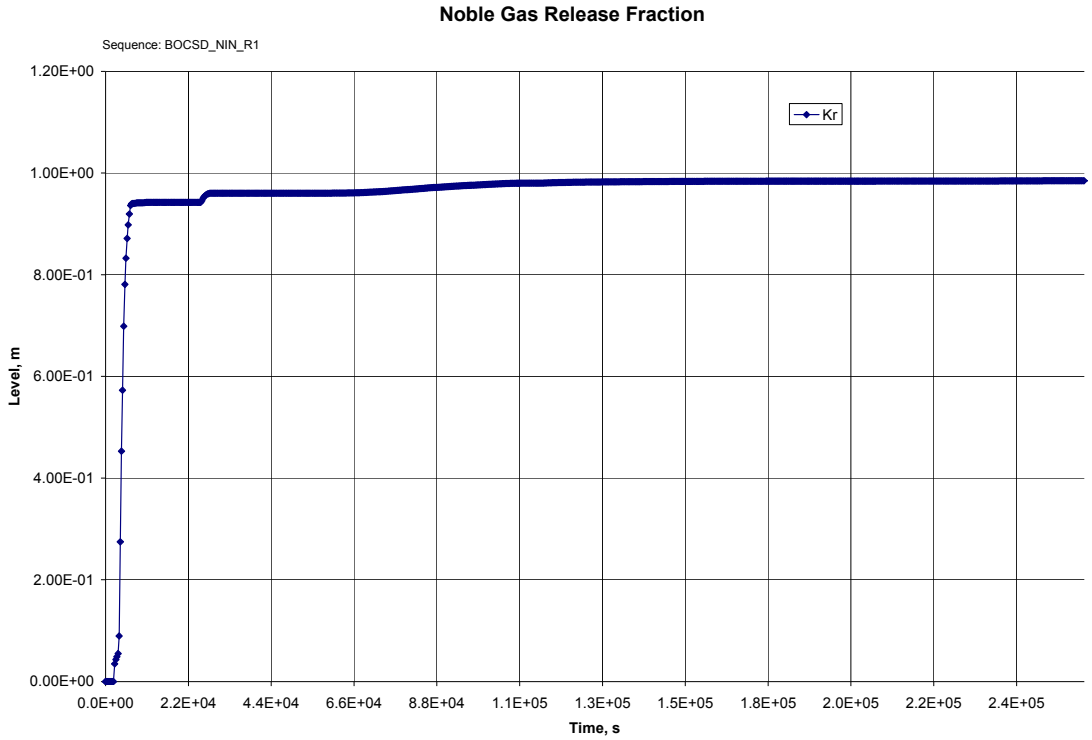

Figure 9A-1k. BOCsd_nIN_R1 Noble Gas Release Fraction

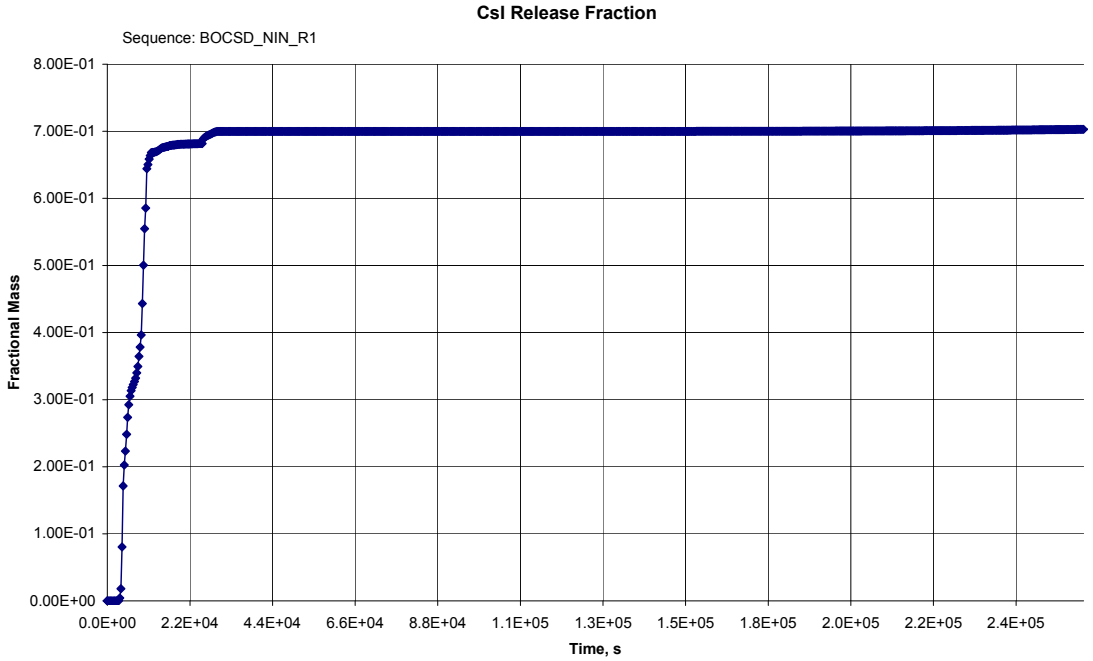

Figure 9A-1l. BOCsd_nIN_R1 CsI Release Fraction

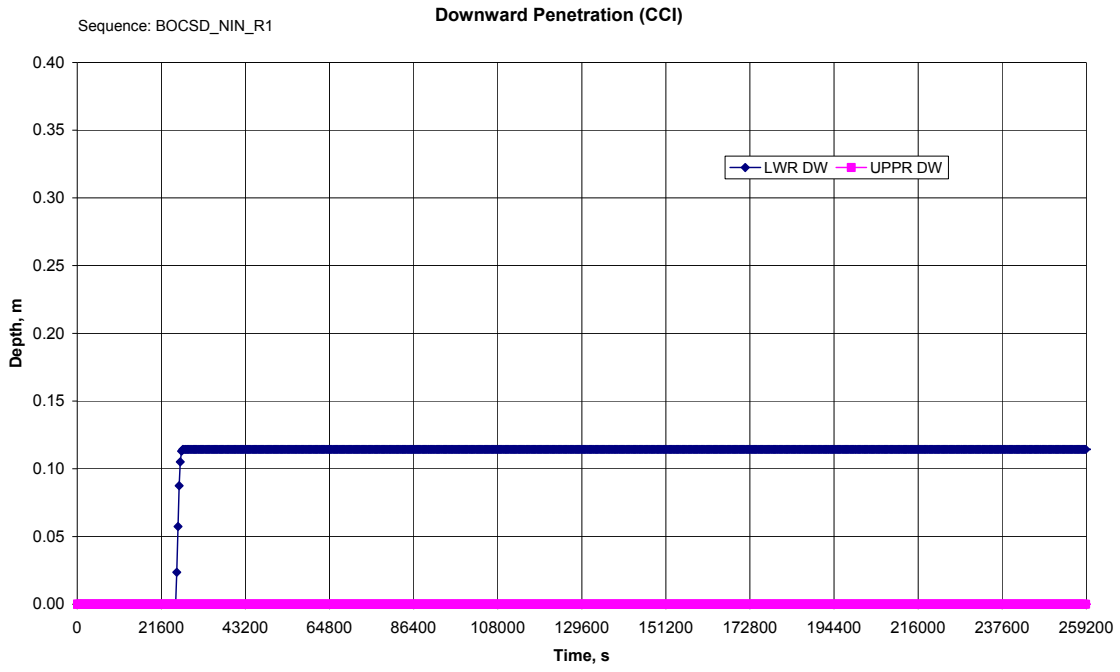

Figure 9A-1m. BOCsd_nIN_R1 Downward Penetration (CCI)

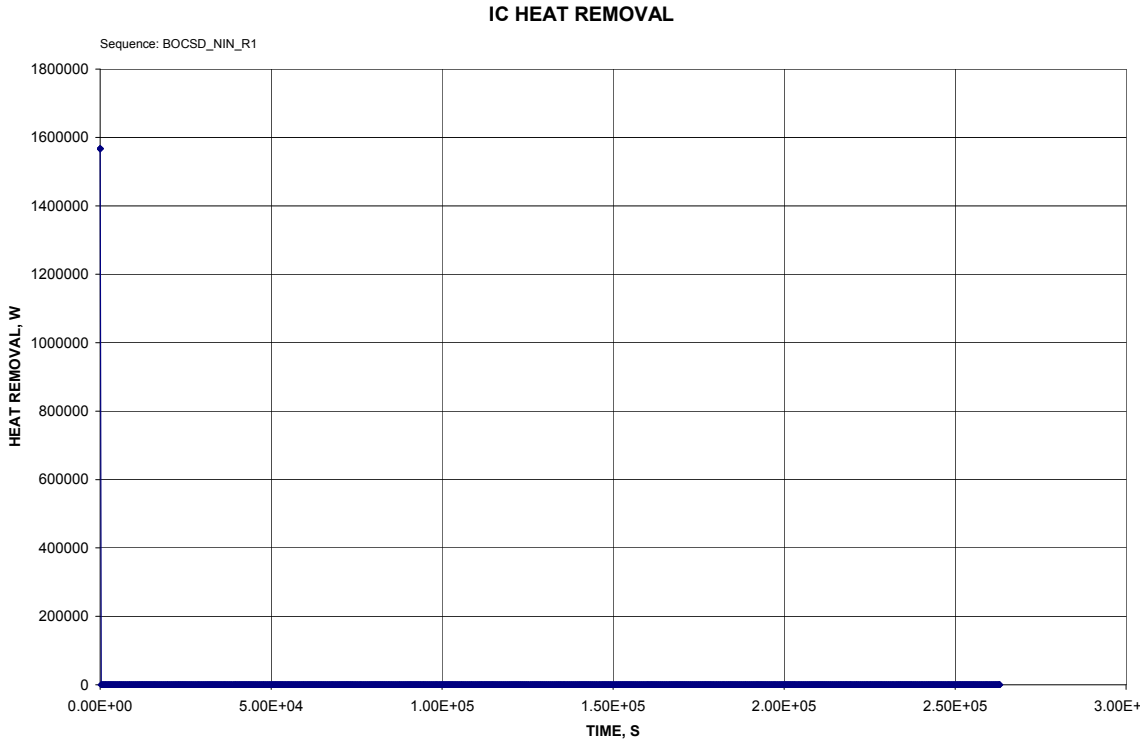

Figure 9A-1n. BOCsd_nIN_R1 IC Heat Removal

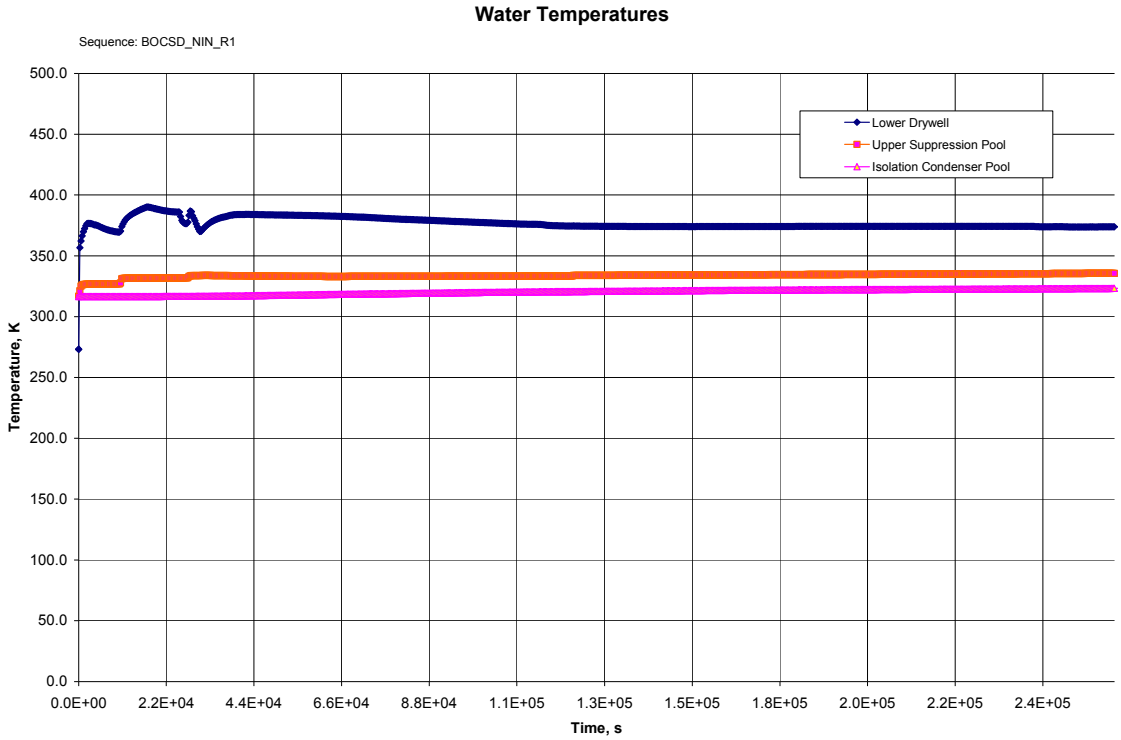

Figure 9A-1o. BOCsd_nIN_R1 Water Temperatures

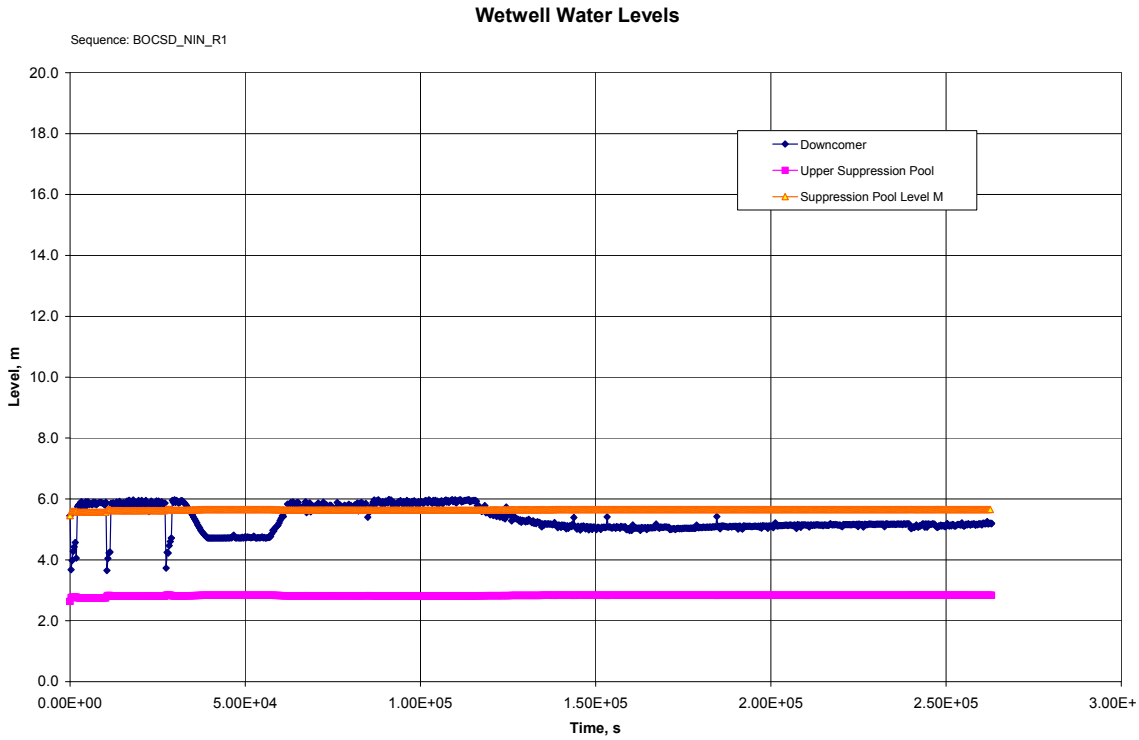

Figure 9A-1p. BOCsd_nIN_R1 Wetwell Water Levels

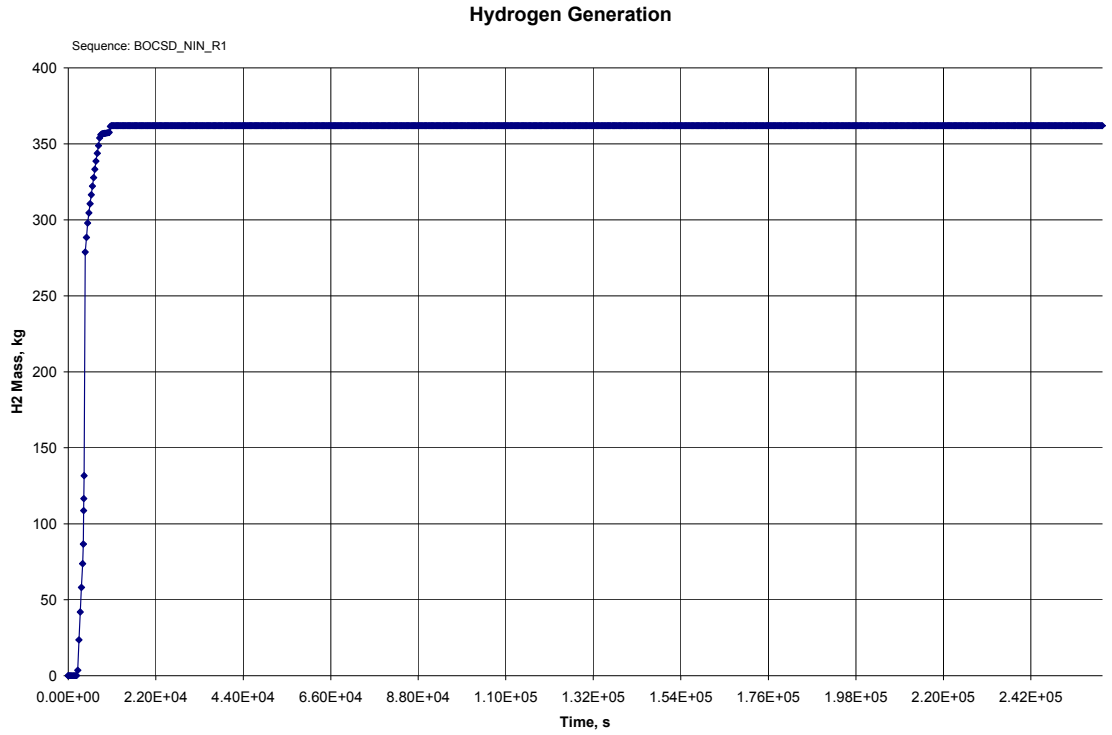

Figure 9A-1q. BOCsd_nIN_R1 Hydrogen Generation

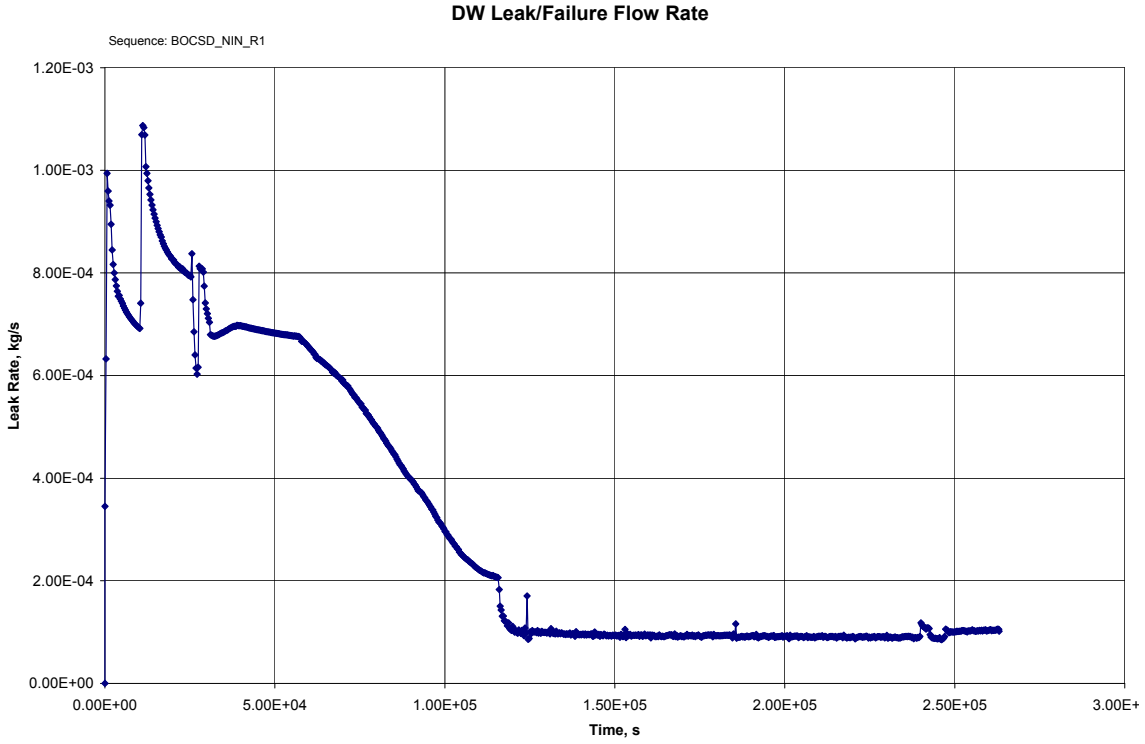

Figure 9A-1r. BOCsd_nIN_R1 DW Leak/Failure Flow Rate

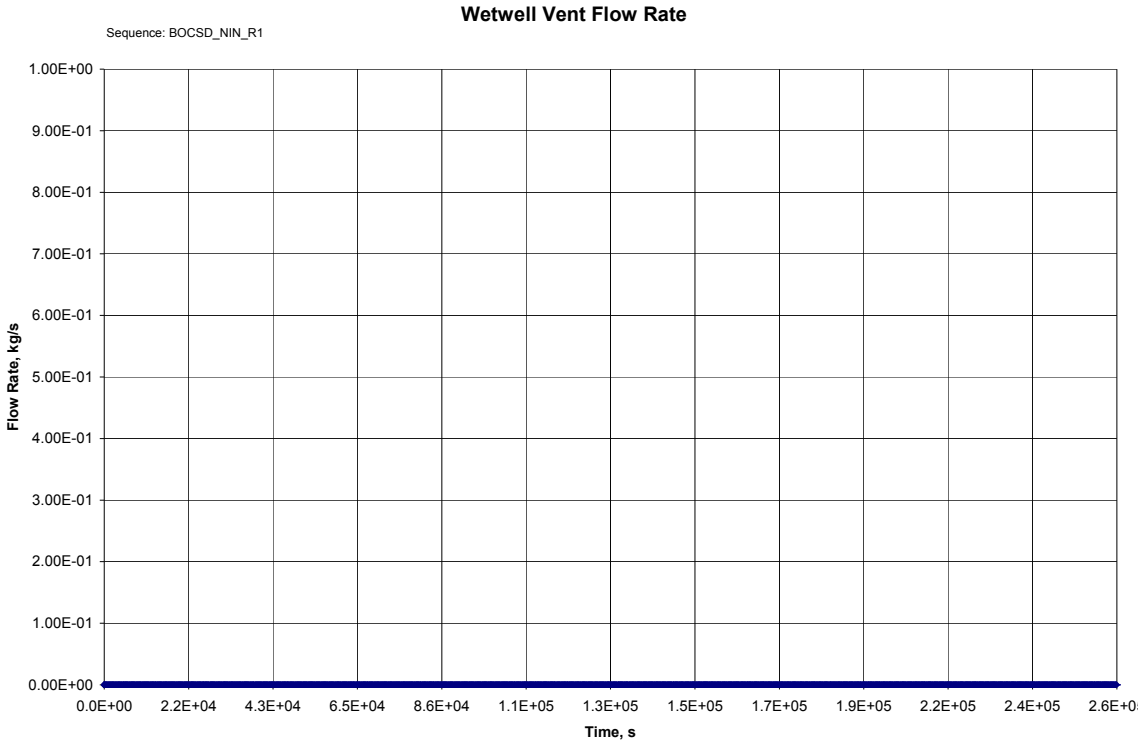

Figure 9A-1s. BOCsd_nIN_R1 Wetwell Vent Flow Rate

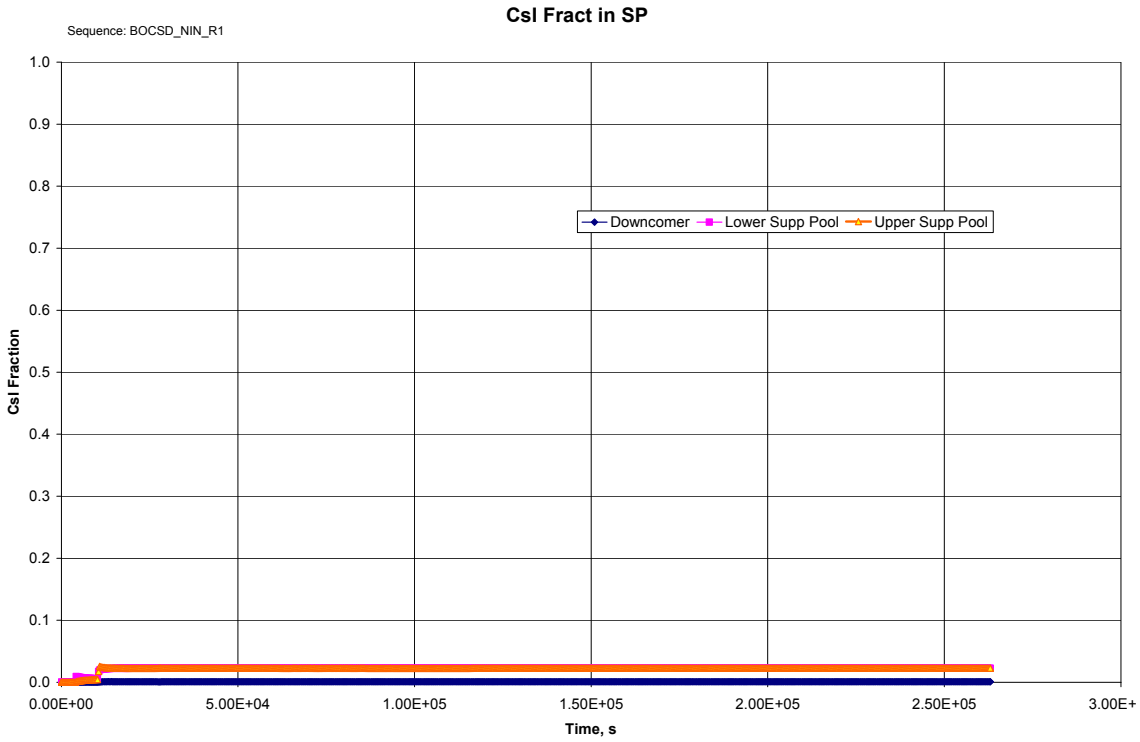

Figure 9A-1t. BOCsd_nIN_R1 CsI Fract in SP

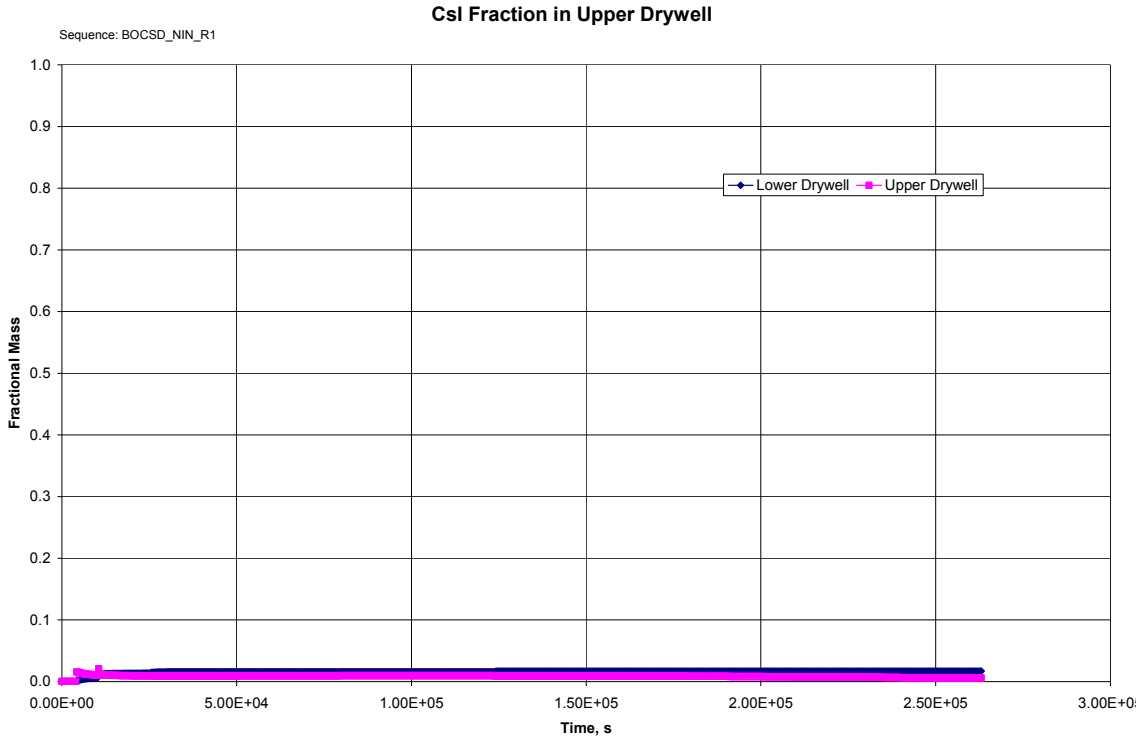

Figure 9A-1u. BOCsd_nIN_R1 CsI Fraction in Upper Drywell

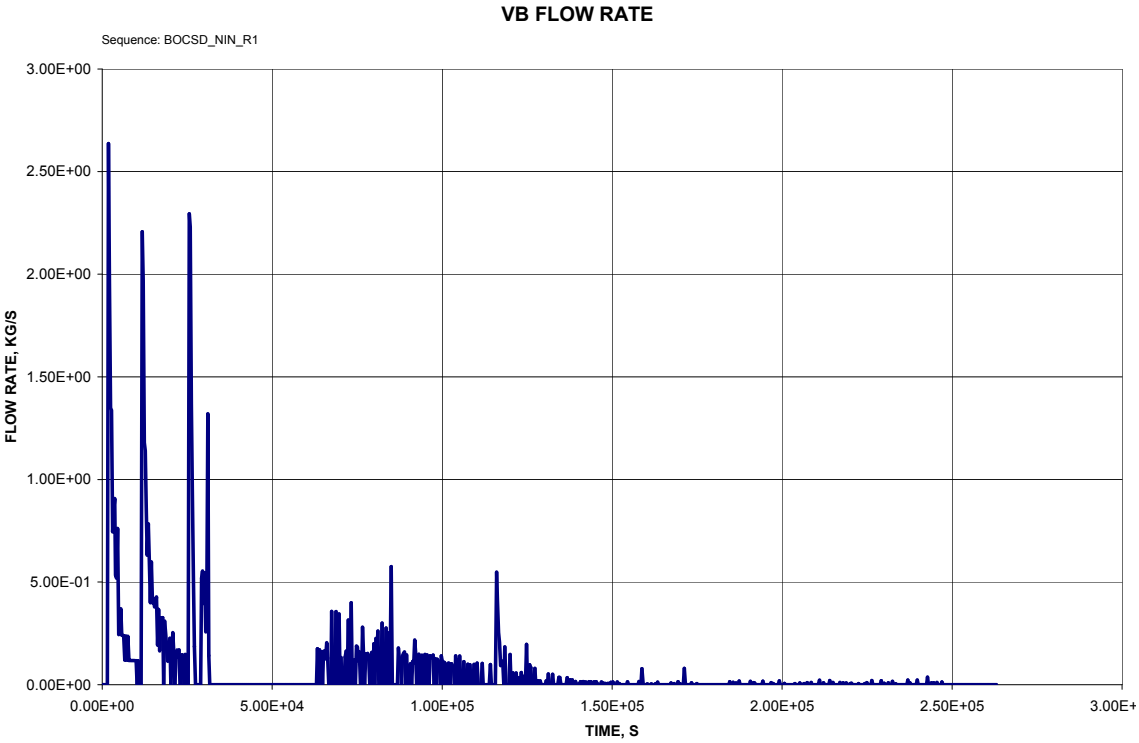

Figure 9A-1v. BOCsd_nIN_R1 VB Flow Rate

9A.2 BOC (Low-Level RWCU Line) Representative Sequence BOCdr_nIN_R1

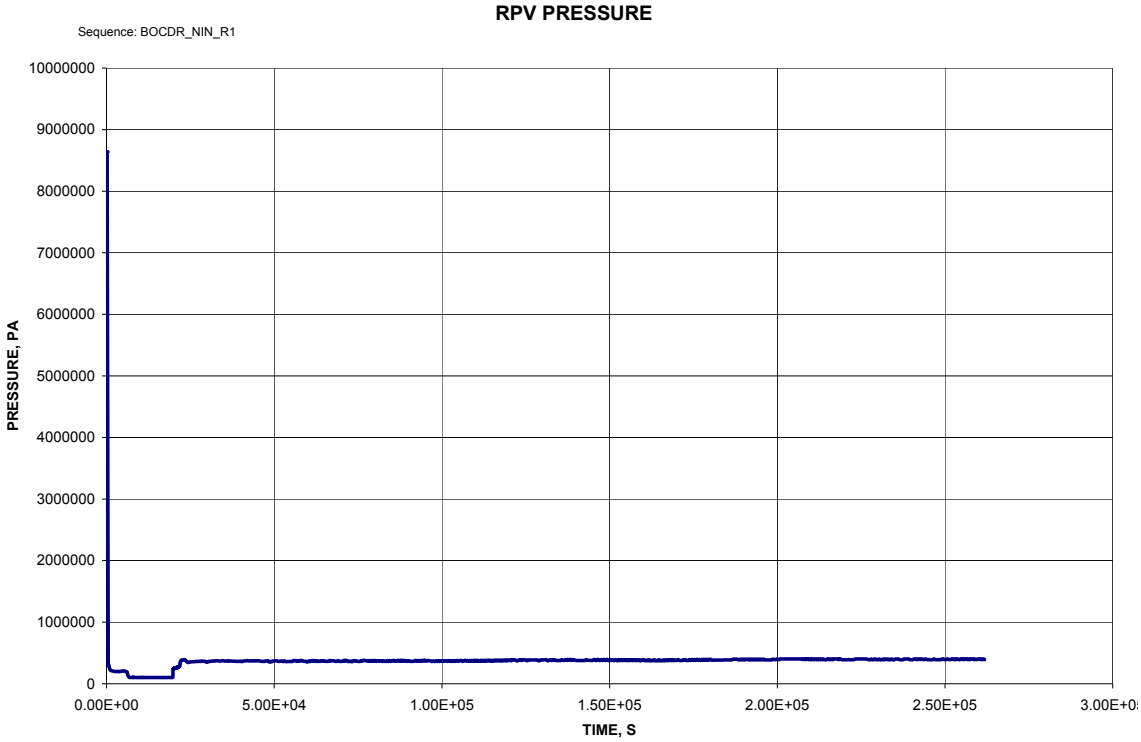

Figure 9A-2a. BOCdr_nIN_R1 RPV Pressure

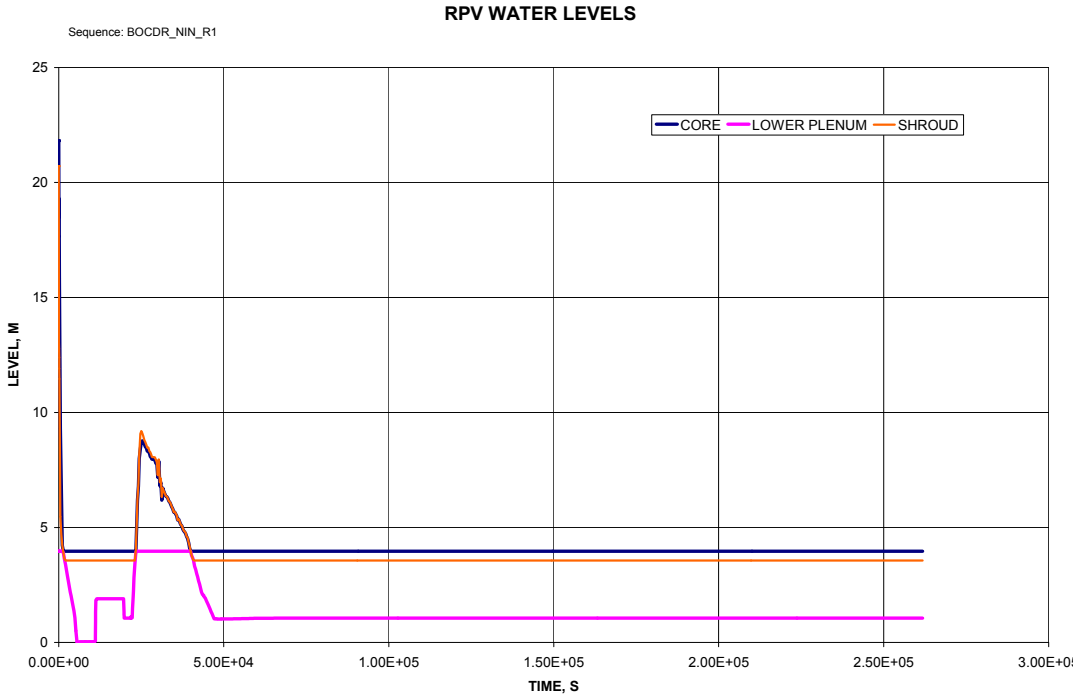

Figure 9A-2b. BOCdr_nIN_R1 RPV Water Levels

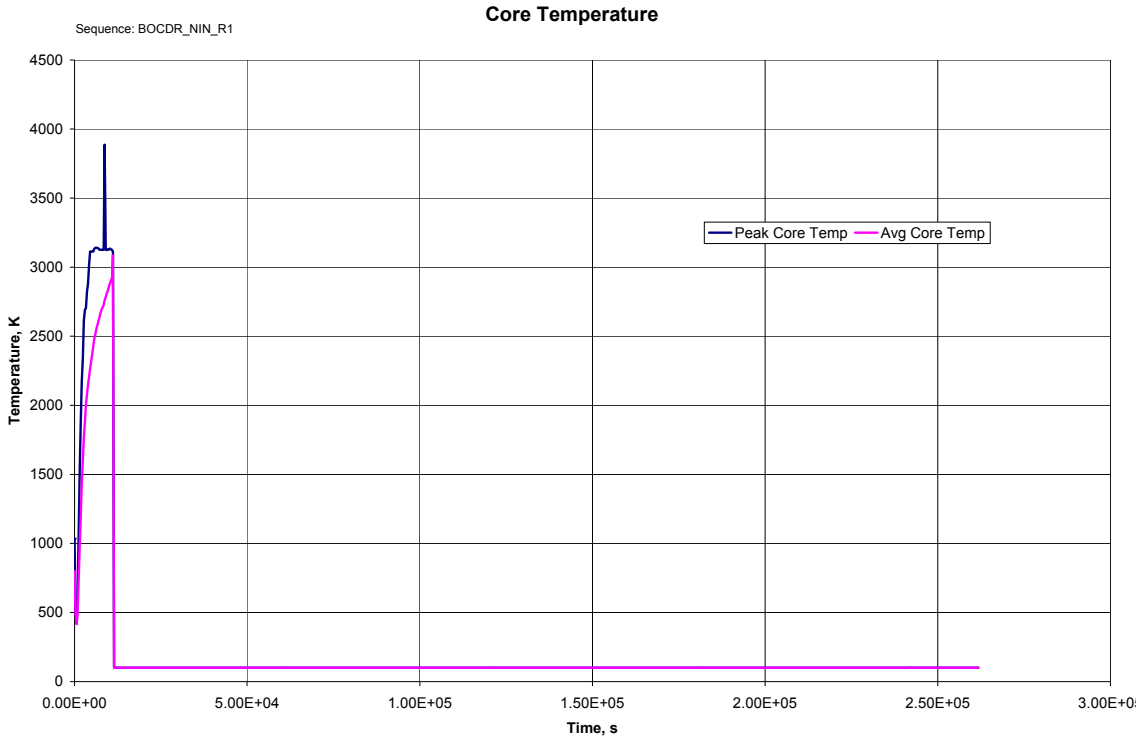

Figure 9A-2c. BOCdr_nIN_R1 Core Temperature

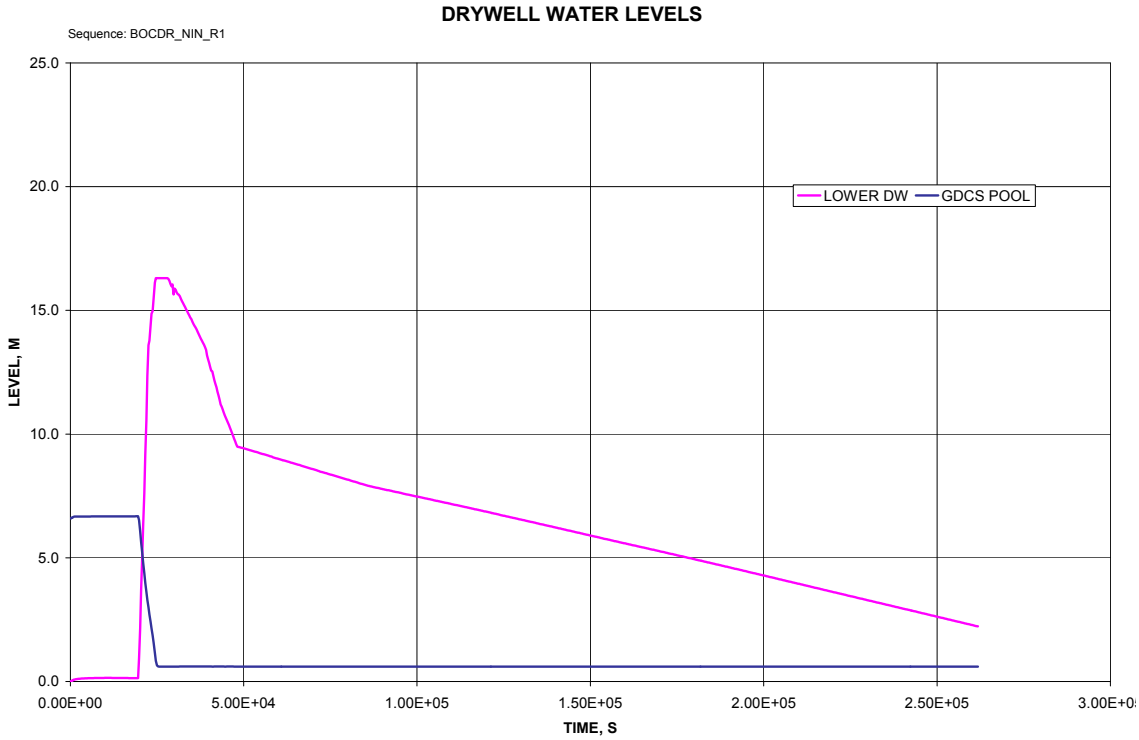

Figure 9A-2d. BOCdr_nIN_R1 Drywell Water Levels

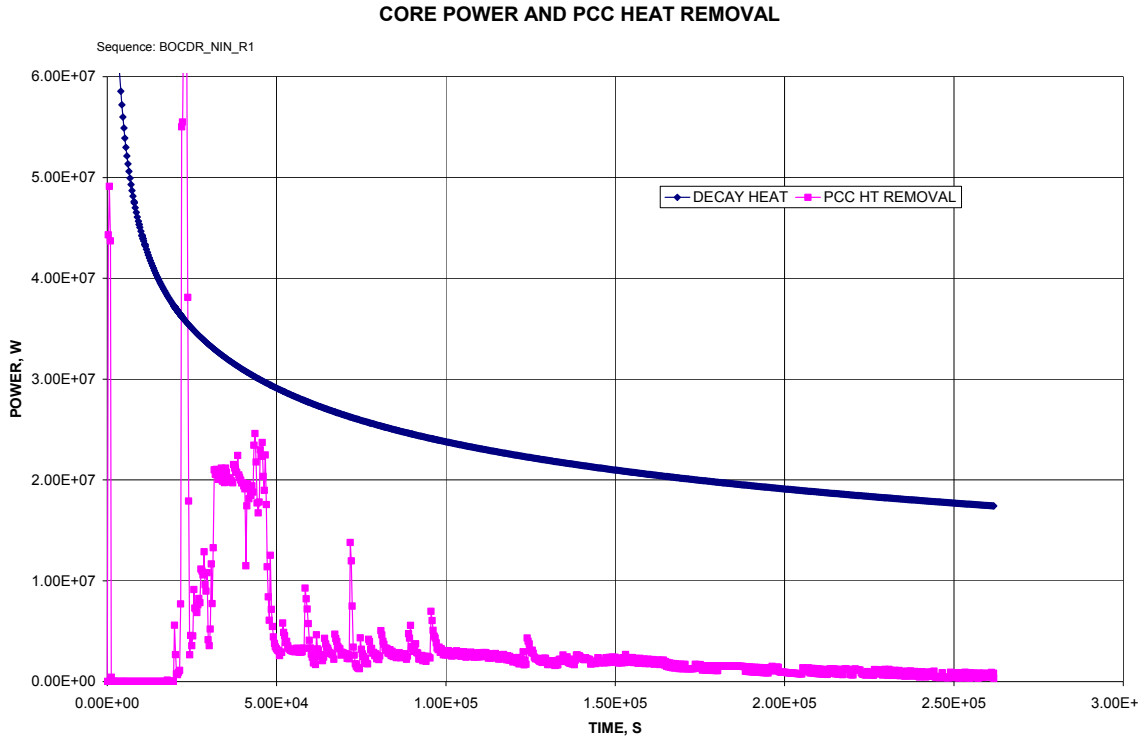

Figure9A-2e. BOCdr_nIN_R1 Core Power and PCC Heat Removal

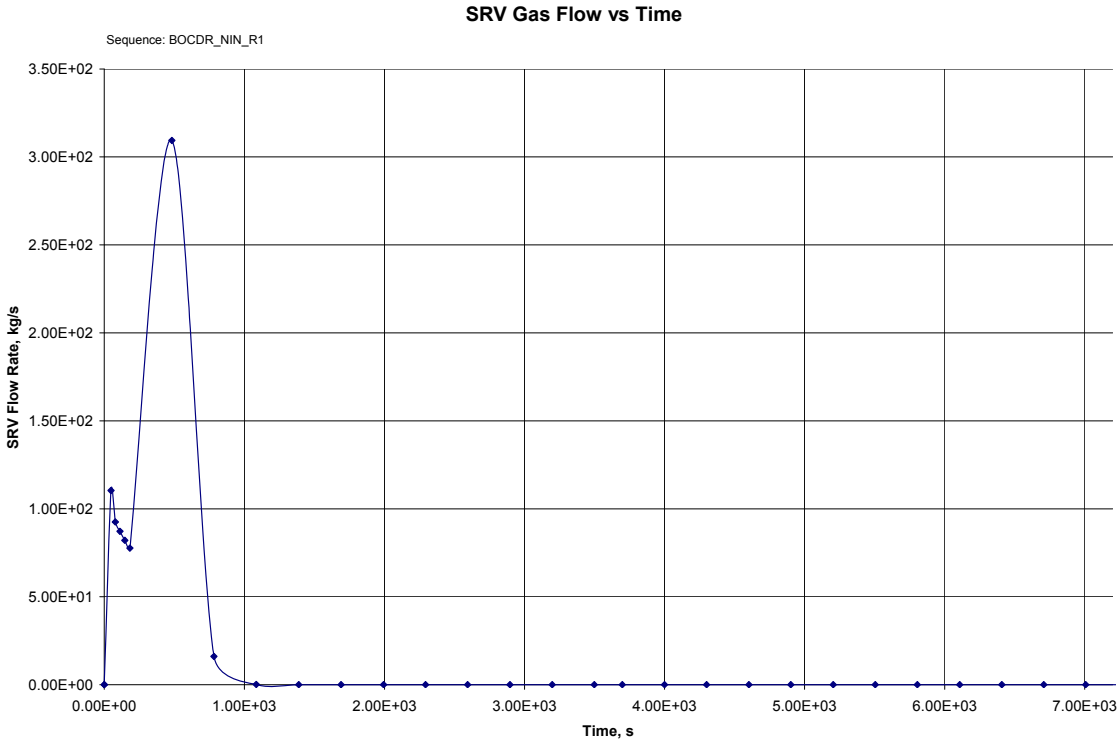

Figure 9A-2f. BOCdr_nIN_R1 SRV Gas Flow vs. Time

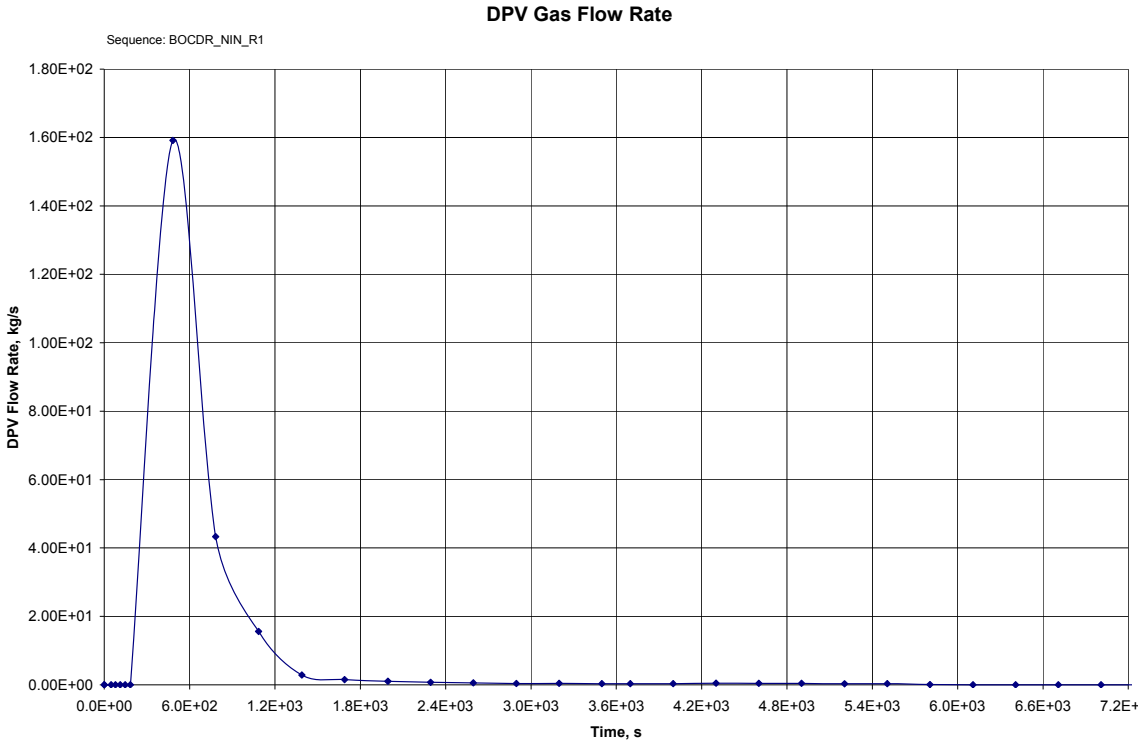

Figure 9A-2g. BOCdr_nIN_R1 DPV Gas Flow Rate

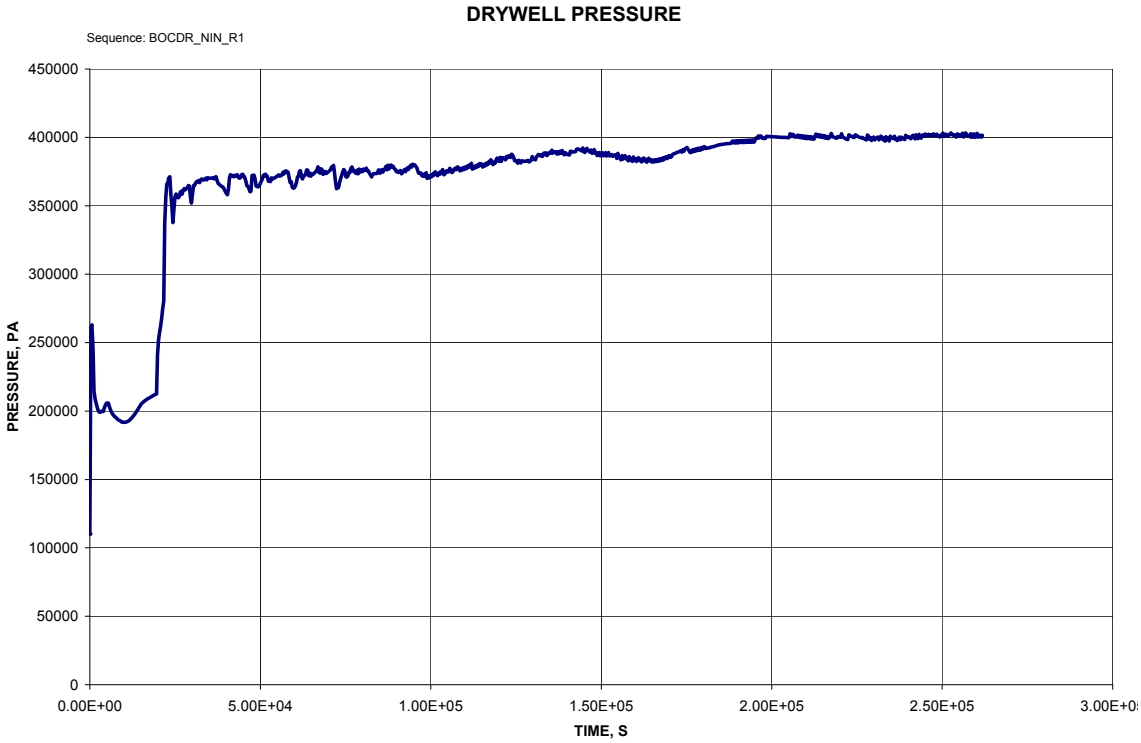

Figure 9A-2h. BOCdr_nIN_R1 Drywell Pressure

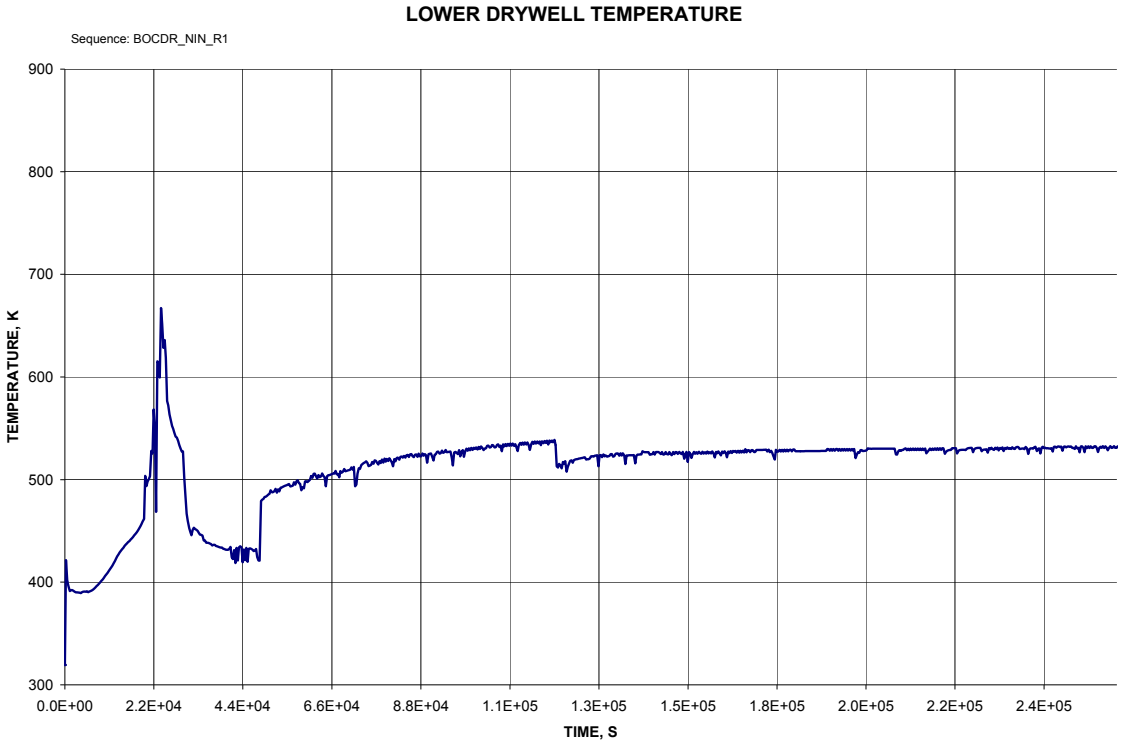

Figure 9A-2i. BOCdr_nIN_R1 Lower Drywell Temperature

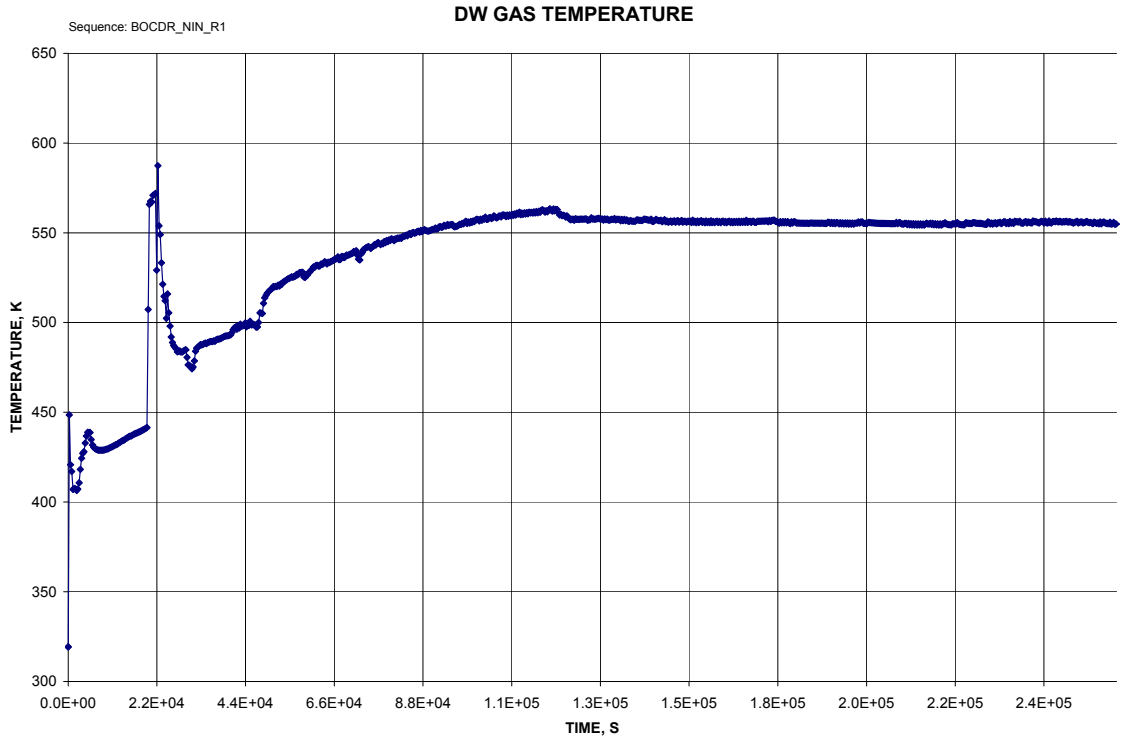

Figure 9A-2j. BOCdr_nIN_R1 DW Gas Temperature

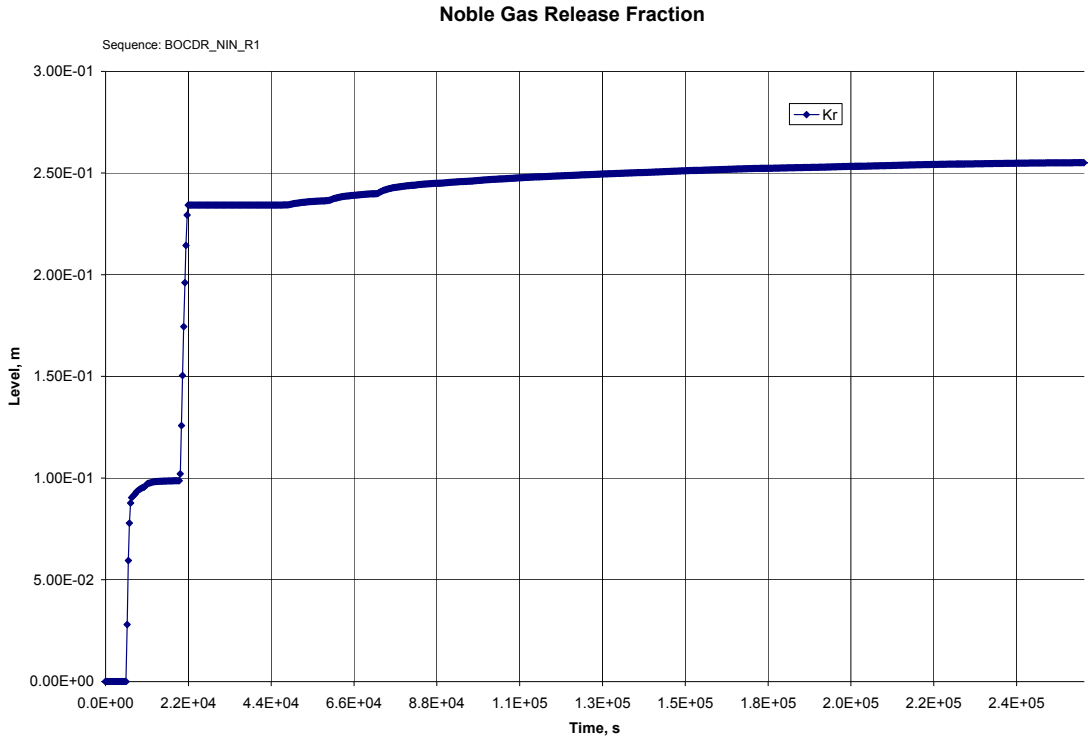

Figure 9A-2k. BOCdr_nIN_R1 Noble Gas Release Fraction

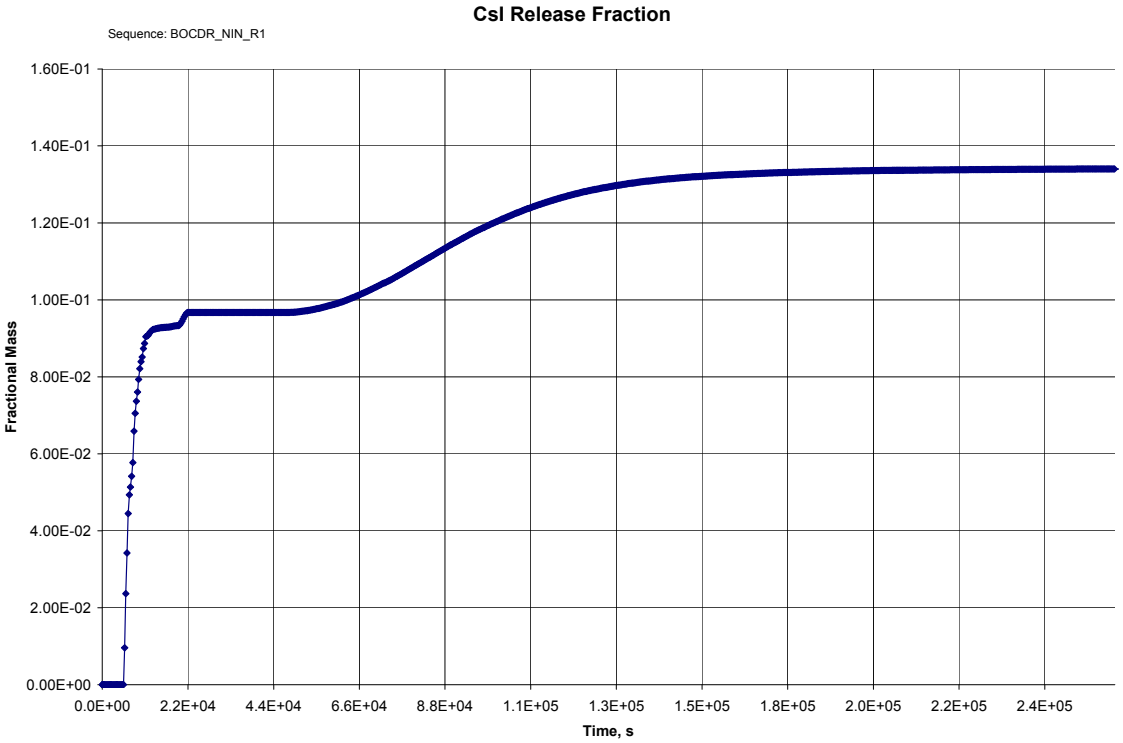

Figure 9A-2l. BOCdr_nIN_R1 CsI Release Fraction

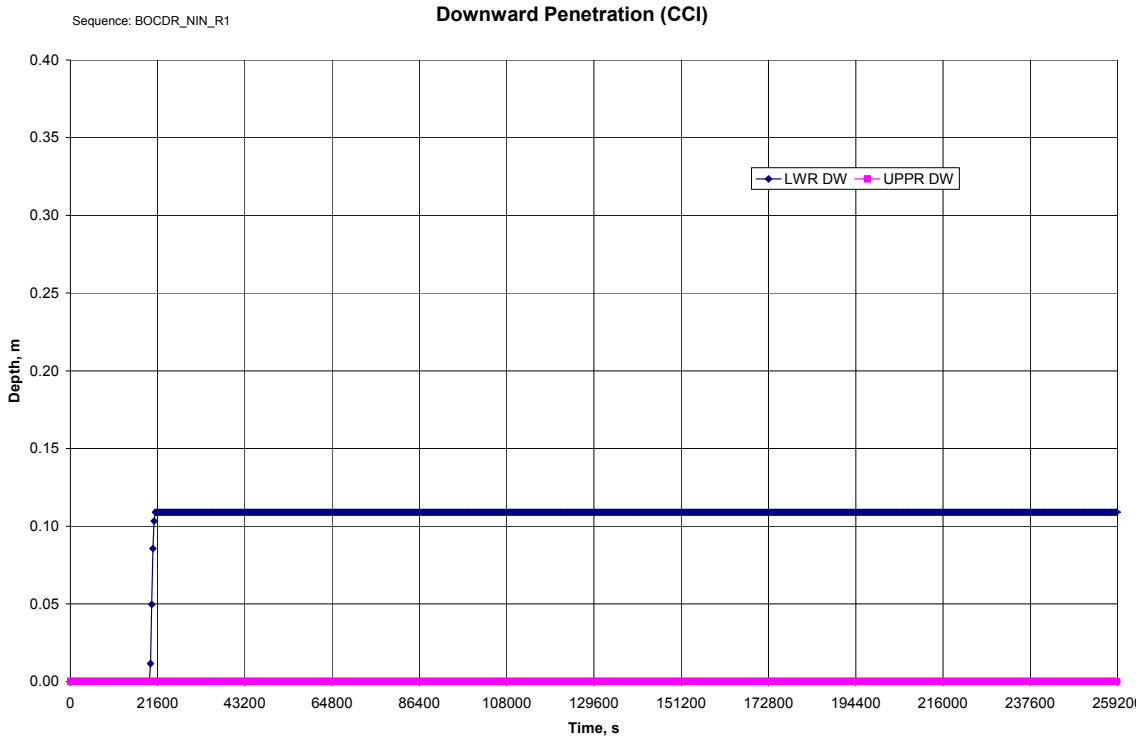

Figure 9A-2m. BOCdr_nIN_R1 Downward Penetration

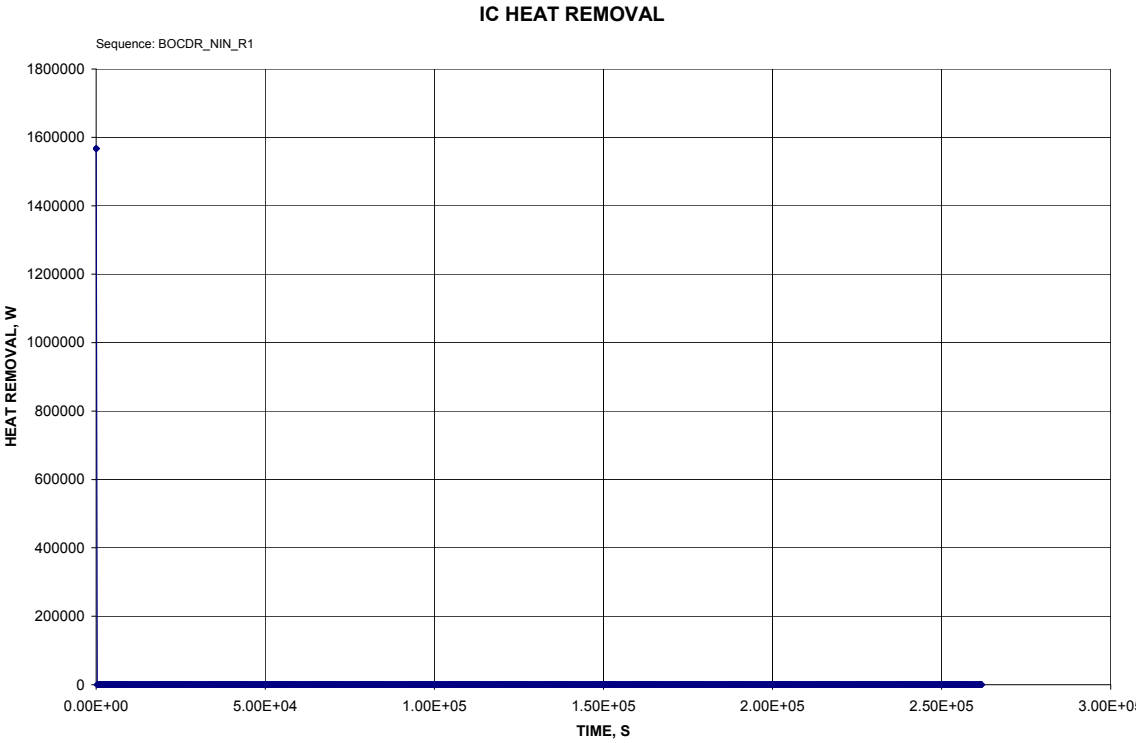

Figure 9A-2n. BOCdr_nIN_R1 IC Heat Removal

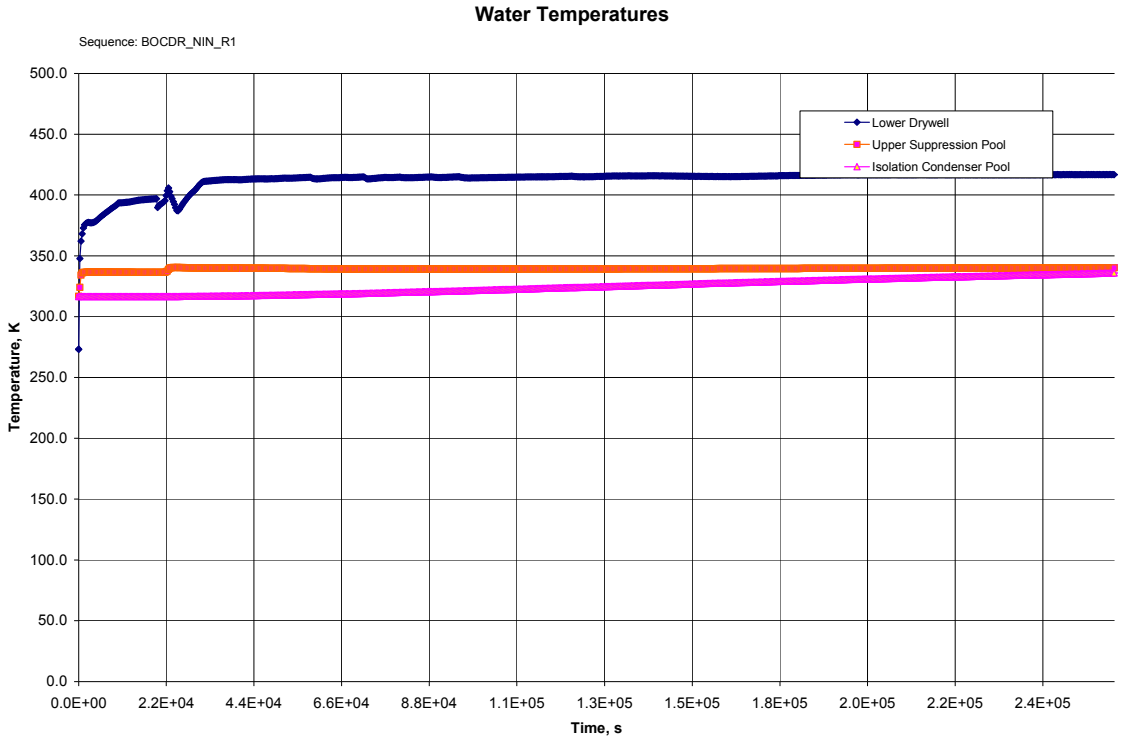

Figure 9A-2o. BOCdr_nIN_R1 Water Temperatures

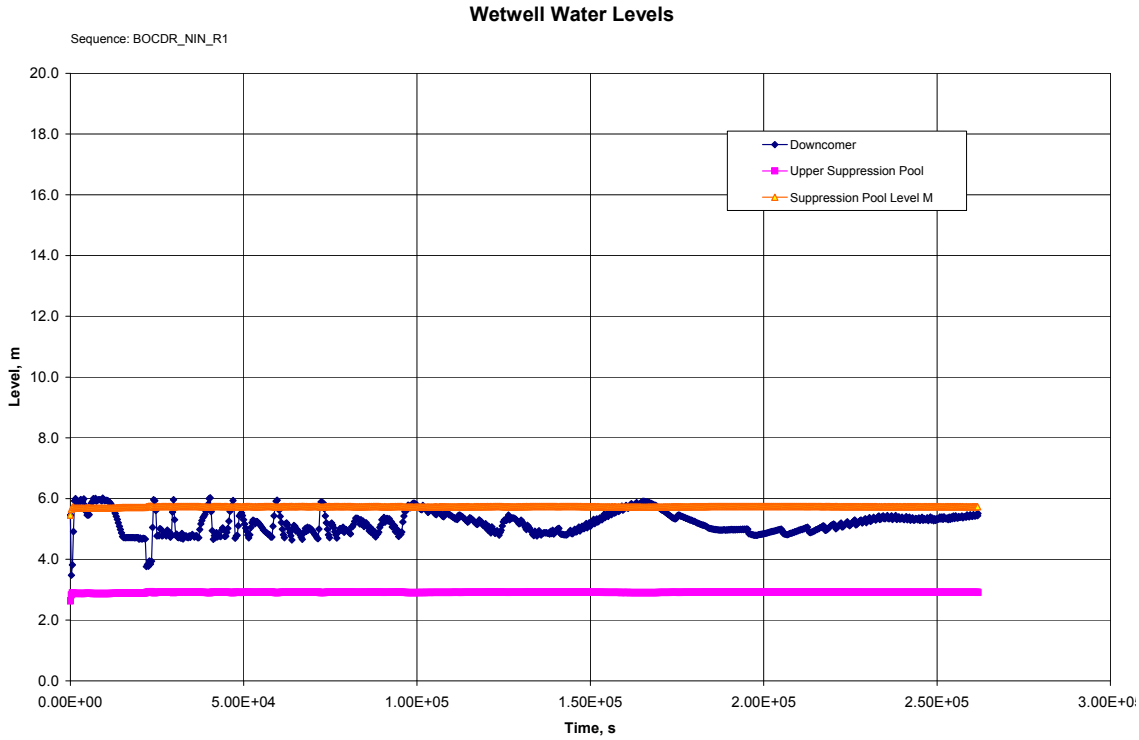

Figure 9A-2p. BOCdr_nIN_R1 Wetwell Water Levels

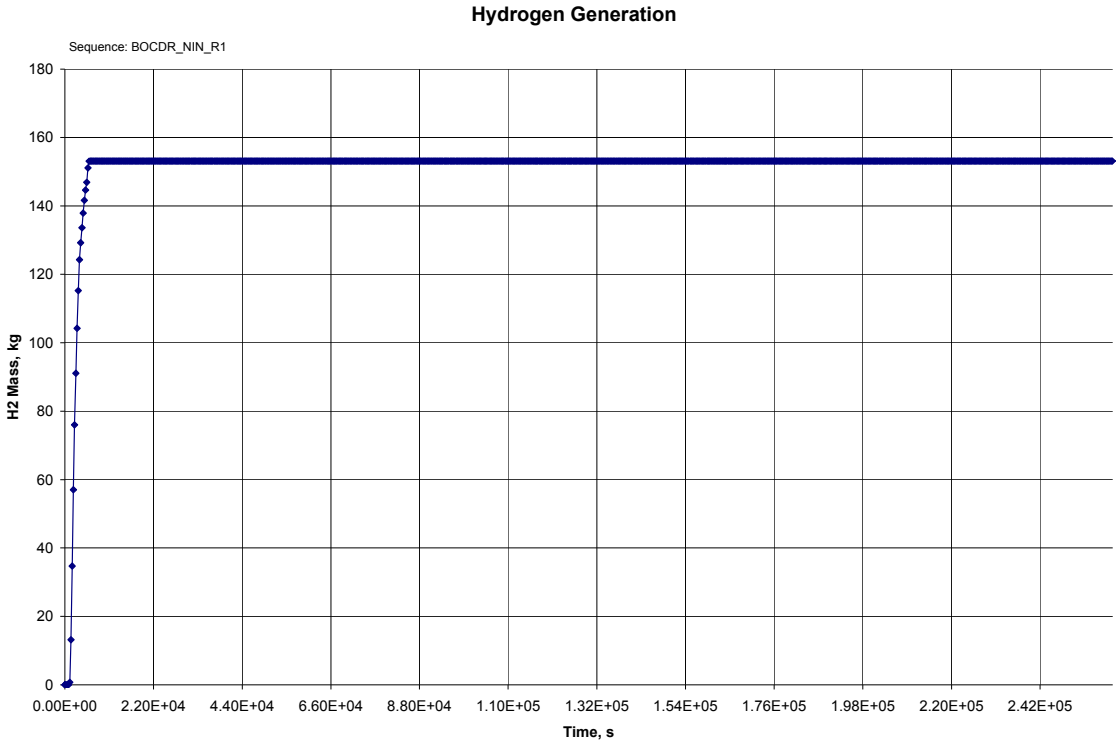

Figure 9A-2q. BOCdr_nIN_R1 Hydrogen Generation

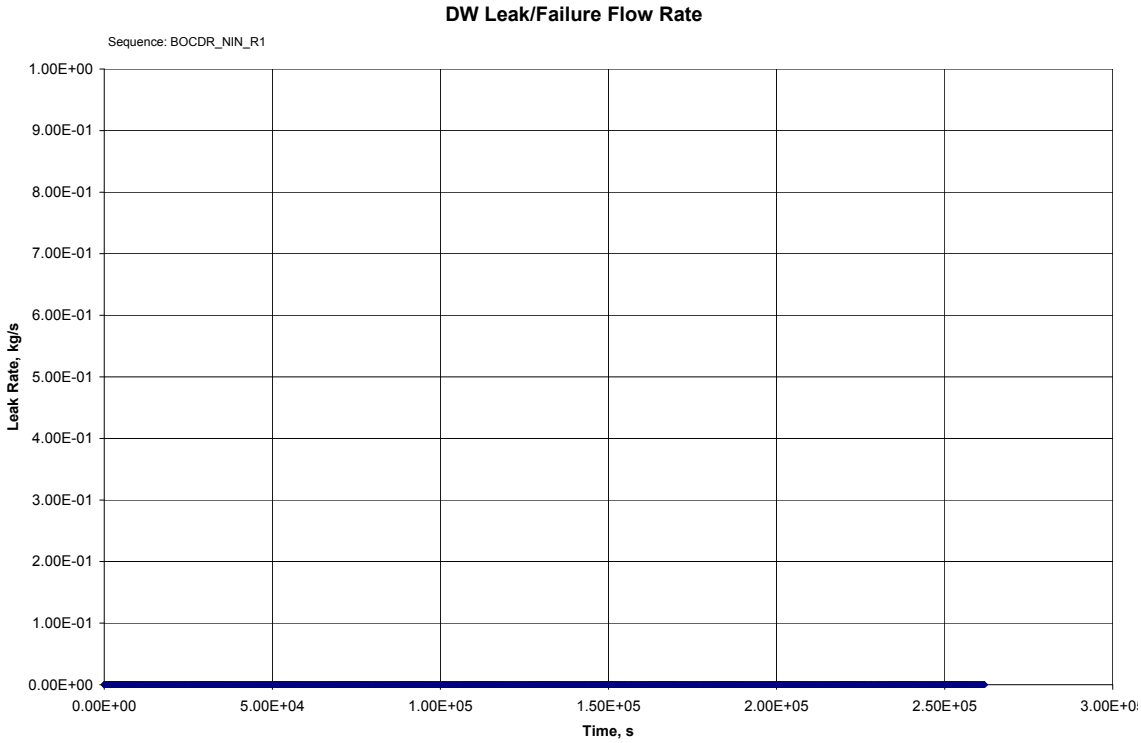

Figure 9A-2r. BOCdr_nIN_R1 DW Leak/Failure Flow Rate

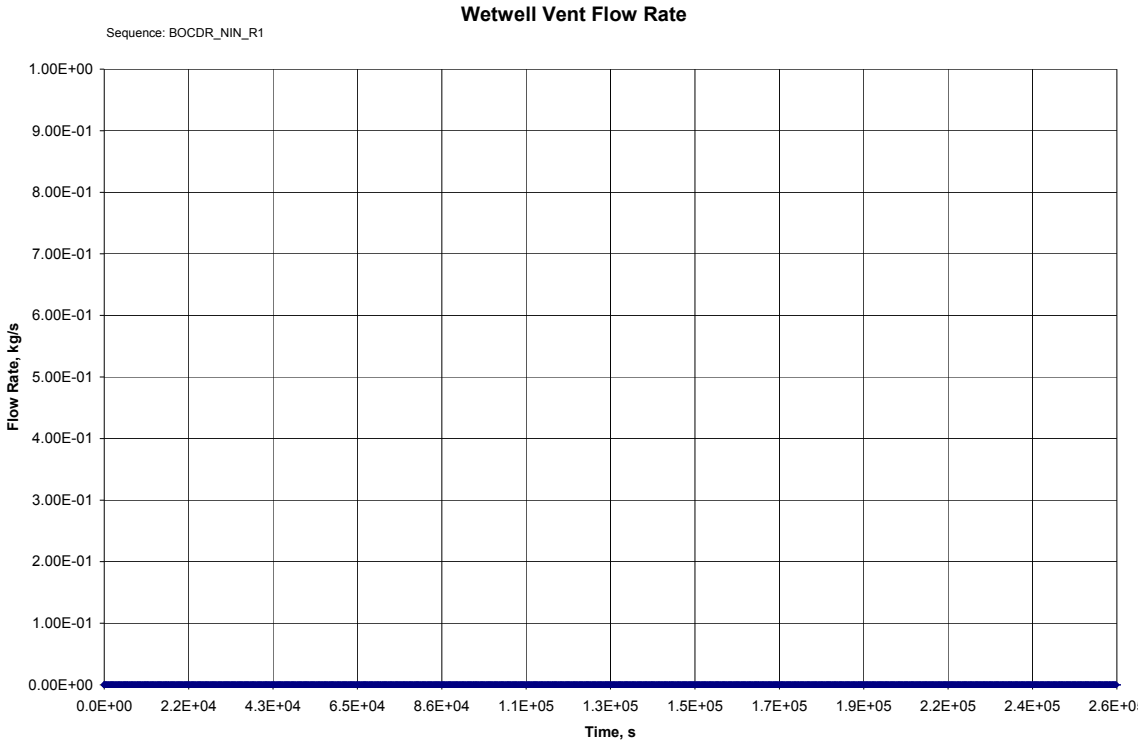

Figure 9A-2s. BOCdr_nIN_R1 Wetwell Vent Flow Rate

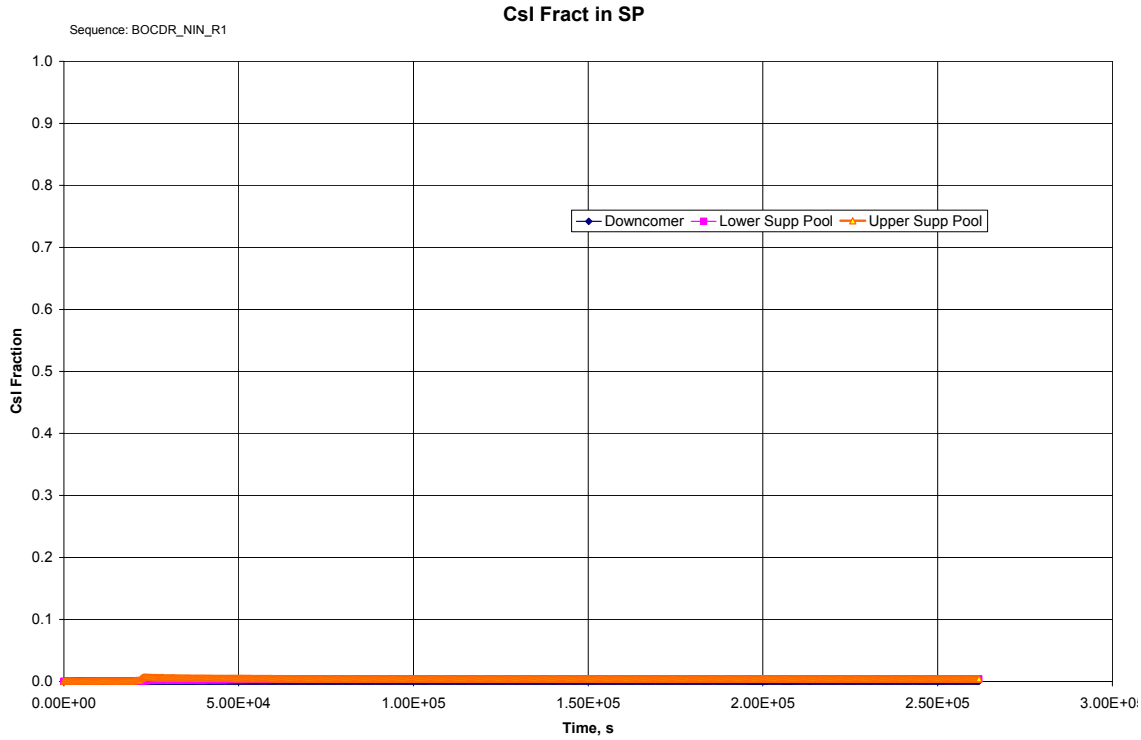

Figure 9A-2t. BOCdr_nIN_R1 CsI Fract in SP

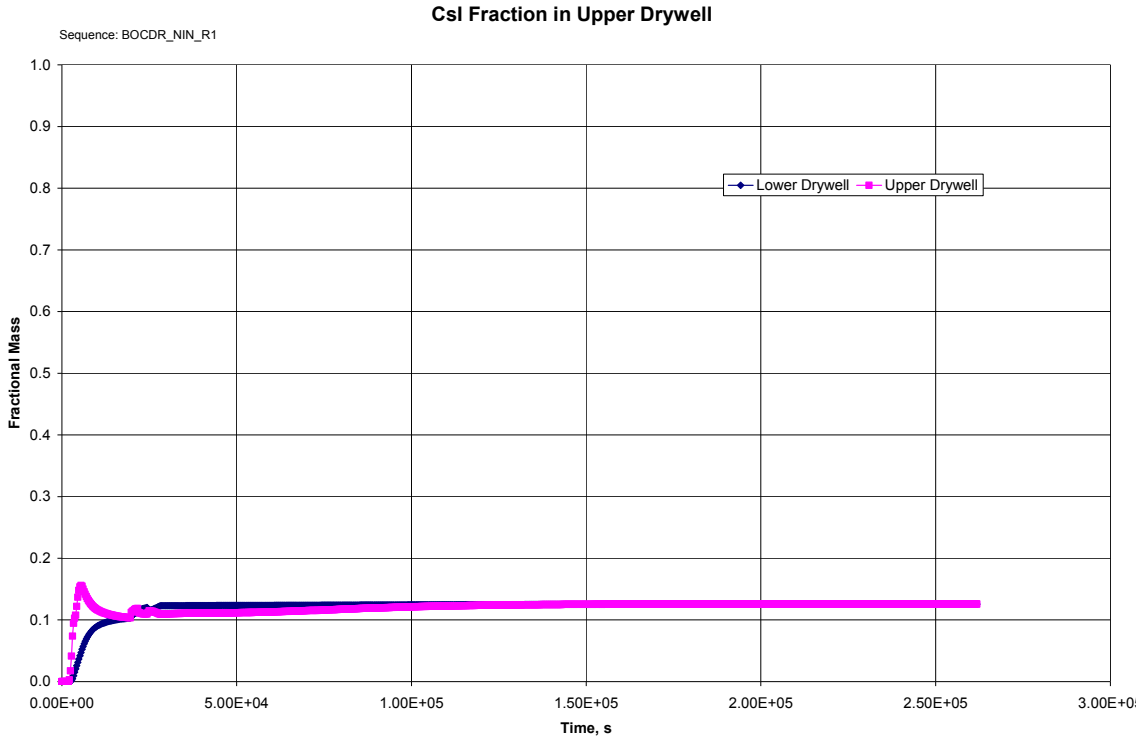

Figure 9A-2u. BOCdr_nIN_R1 CsI Fraction in Upper Drywell

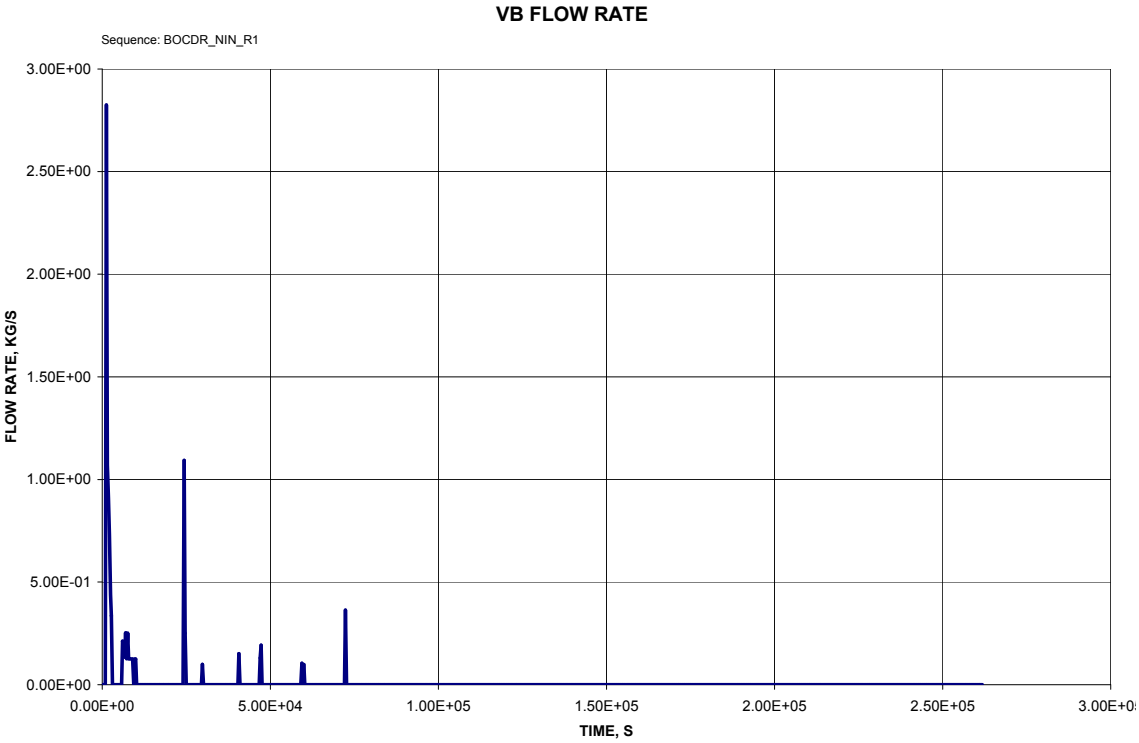

Figure 9A-2v. BOCdr_nIN_R1 VB Flow Rate

9A.3 Bypass Representative Sequence Low Pressure (T_nIN_BYP_R1)

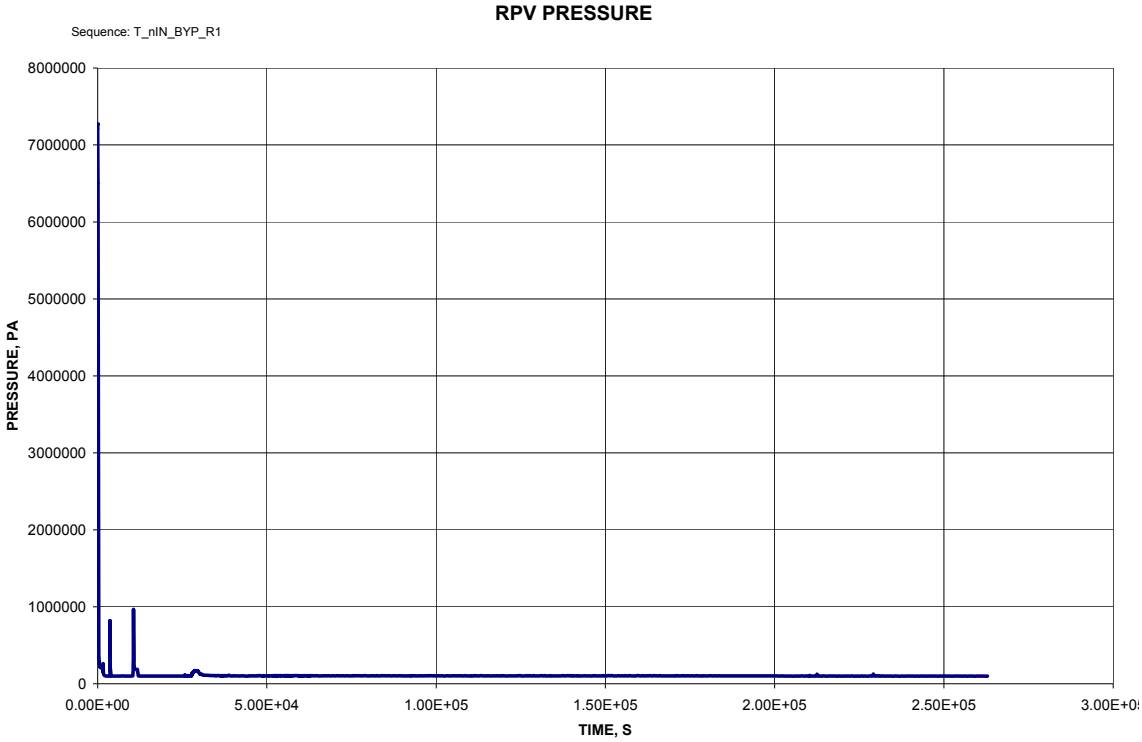

Figure 9A-3a. T_nIN_BYP_R1 RPV Pressure

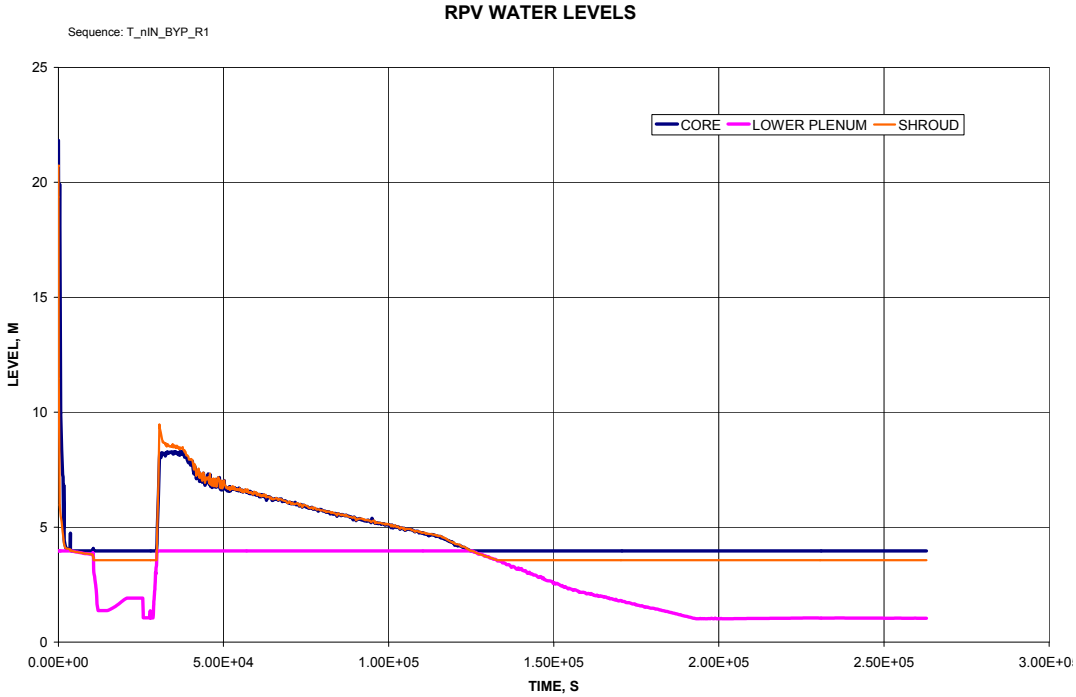

Figure 9A-3b. T_nIN_BYP_R1 RPV Water Levels

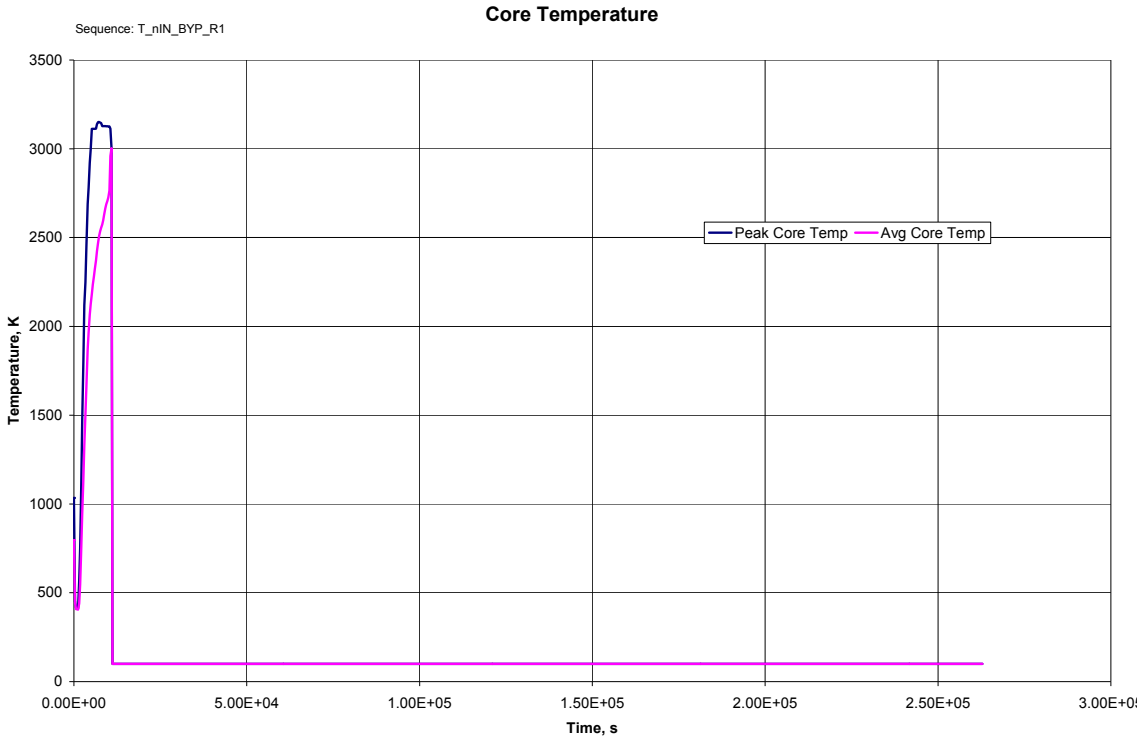

Figure 9A-3c. T_nIN_BYP_R1 Core Temperature

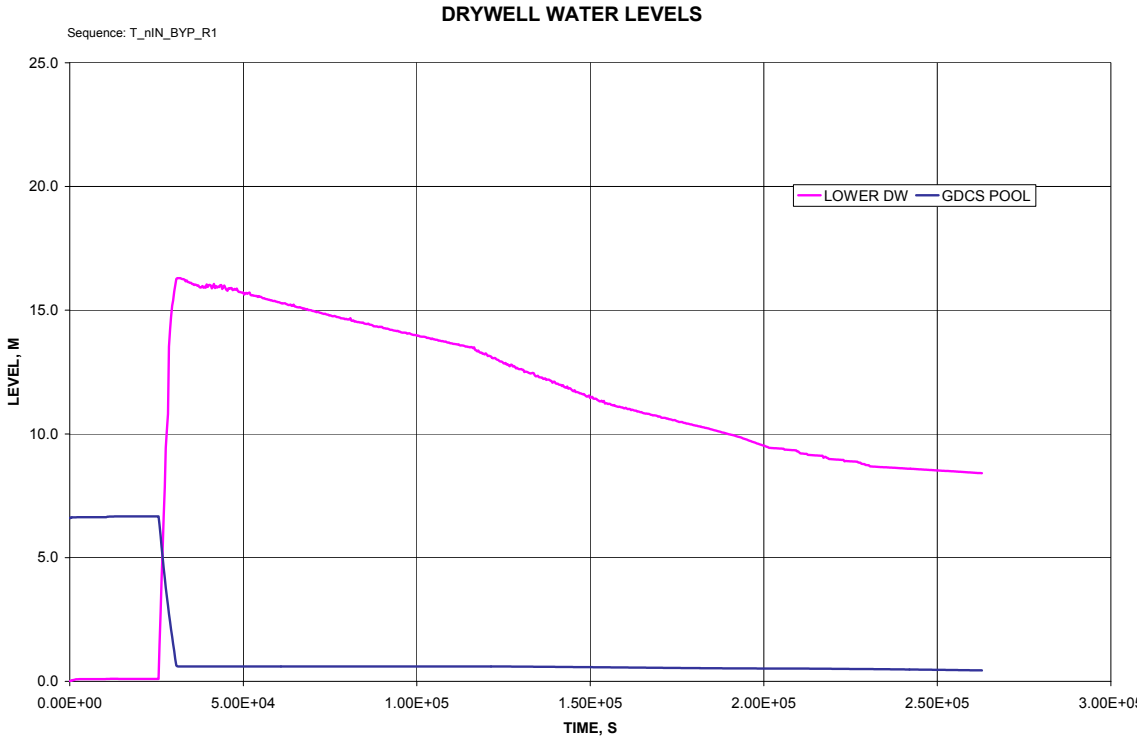

Figure 9A-3d. T_nIN_BYP_R1 Drywell Water Levels

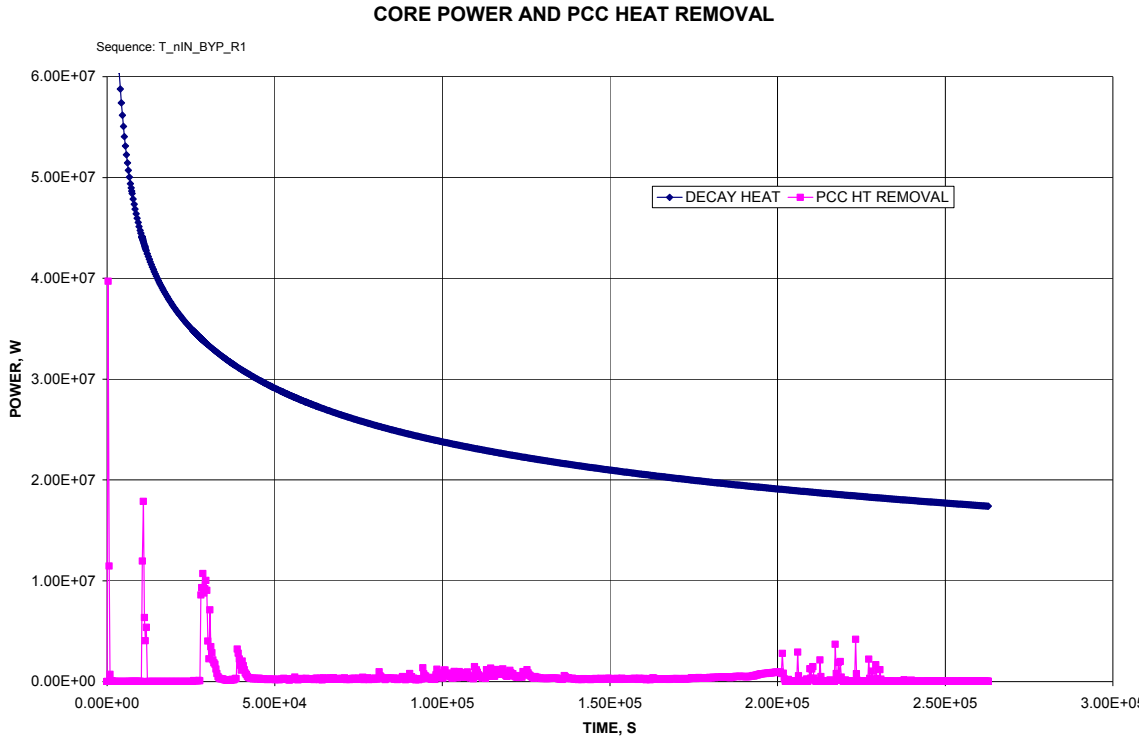

Figure 9A-3e. T_nIN_BYP_R1 Core Power and PCC Heat Removal

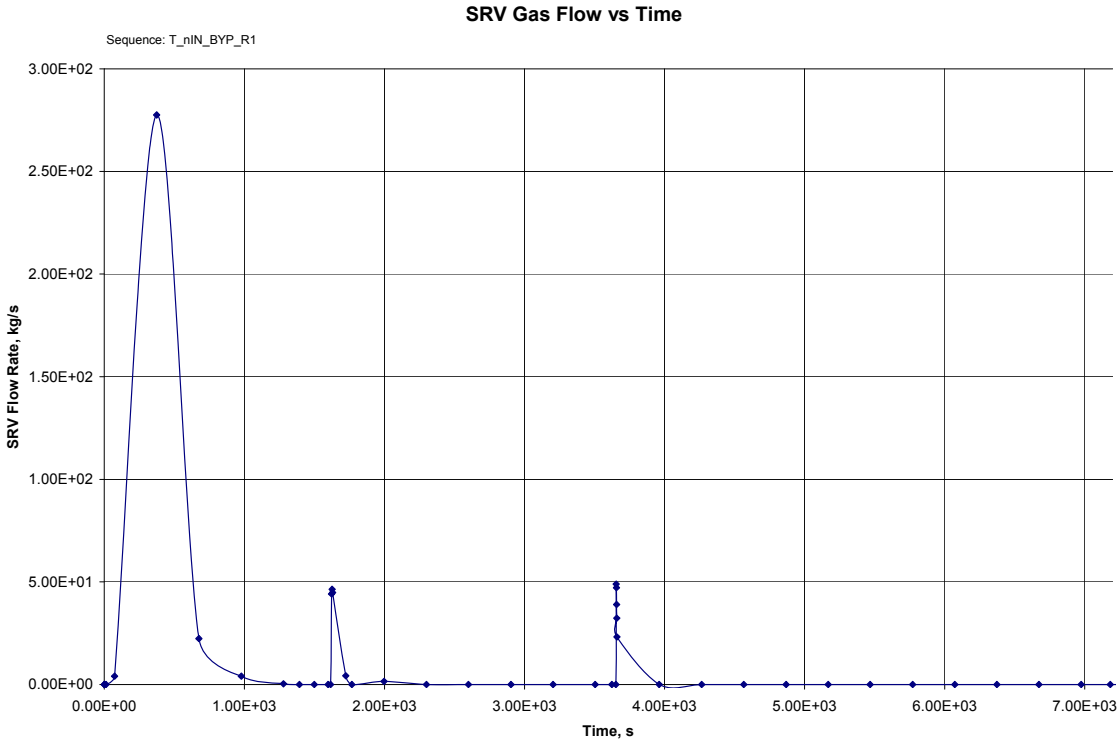

Figure 9A-3f. T_nIN_BYP_R1 SRV Gas Flow vs Time

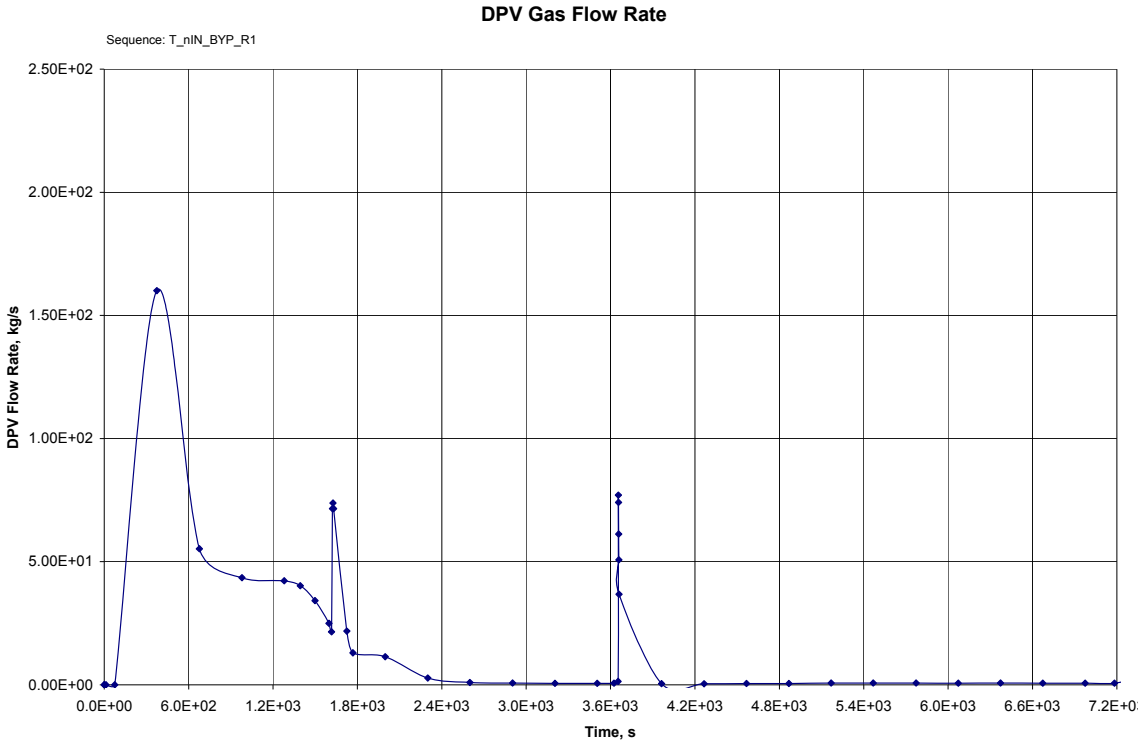

Figure 9A-3g. T_nIN_BYP_R1 DPV Gas Flow Rate

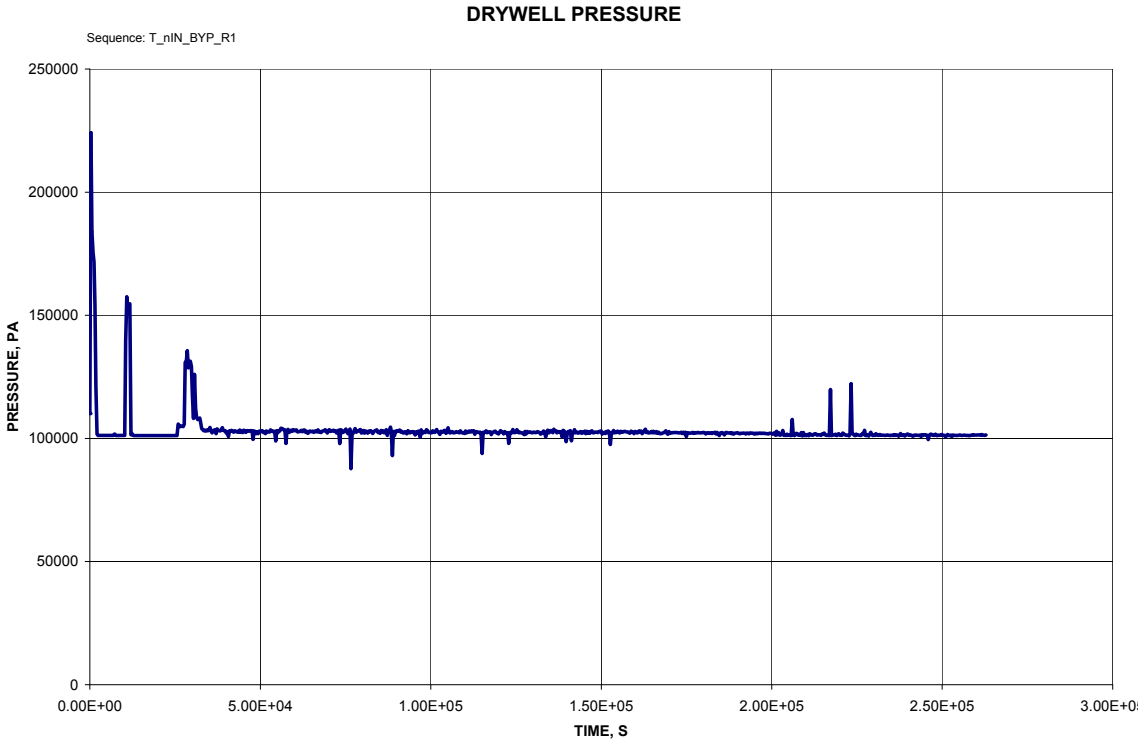

Figure 9A-3h. T_nIN_BYP_R1 Drywell Pressure

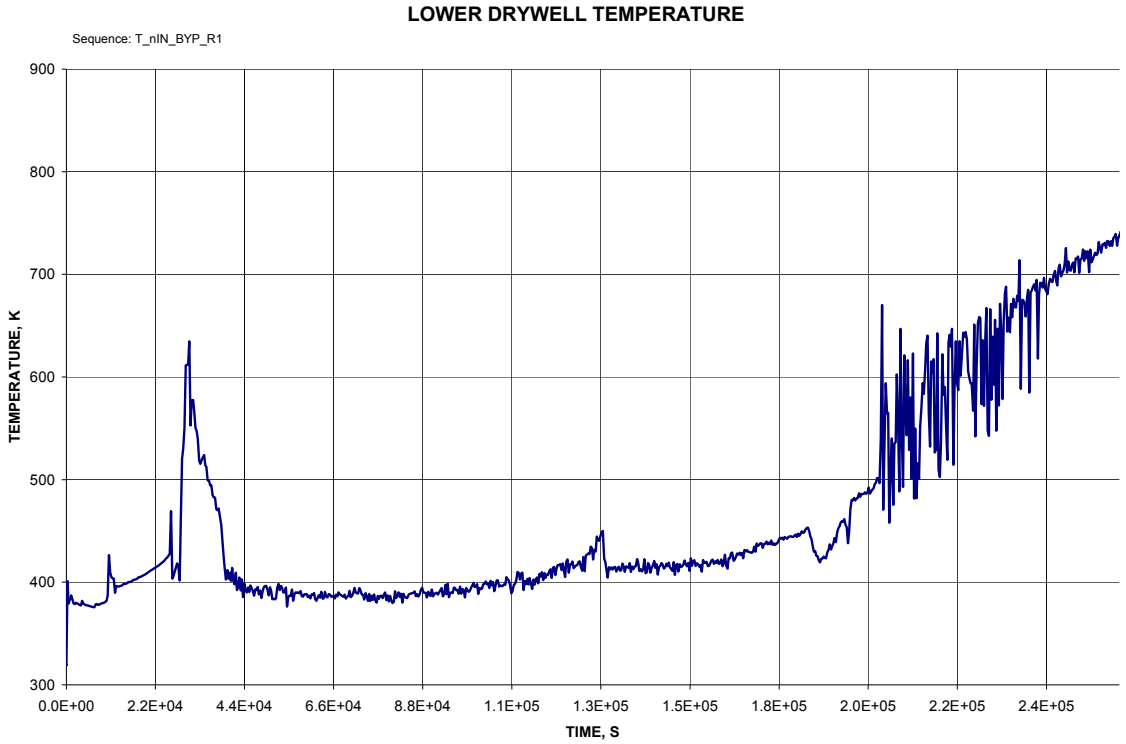

Figure 9A-3i. T_nIN_BYP_R1 Lower Drywell Temperature

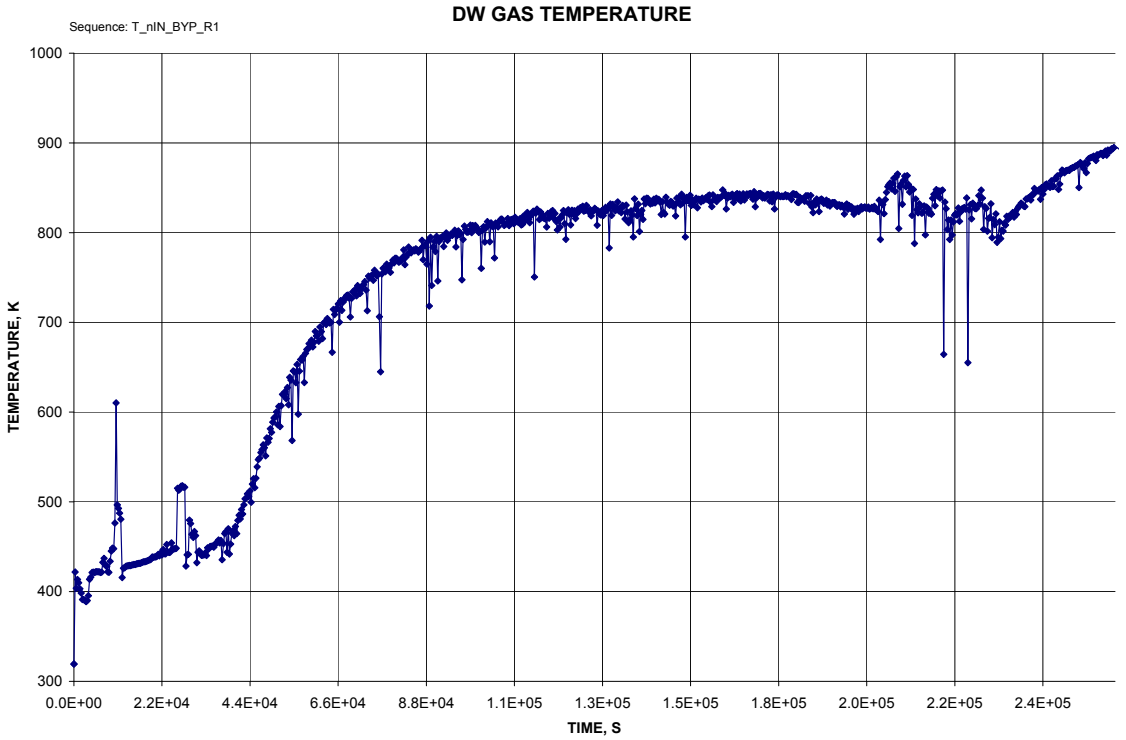

Figure 9A-3j. T_nIN_BYP_R1 DW Gas Temperature

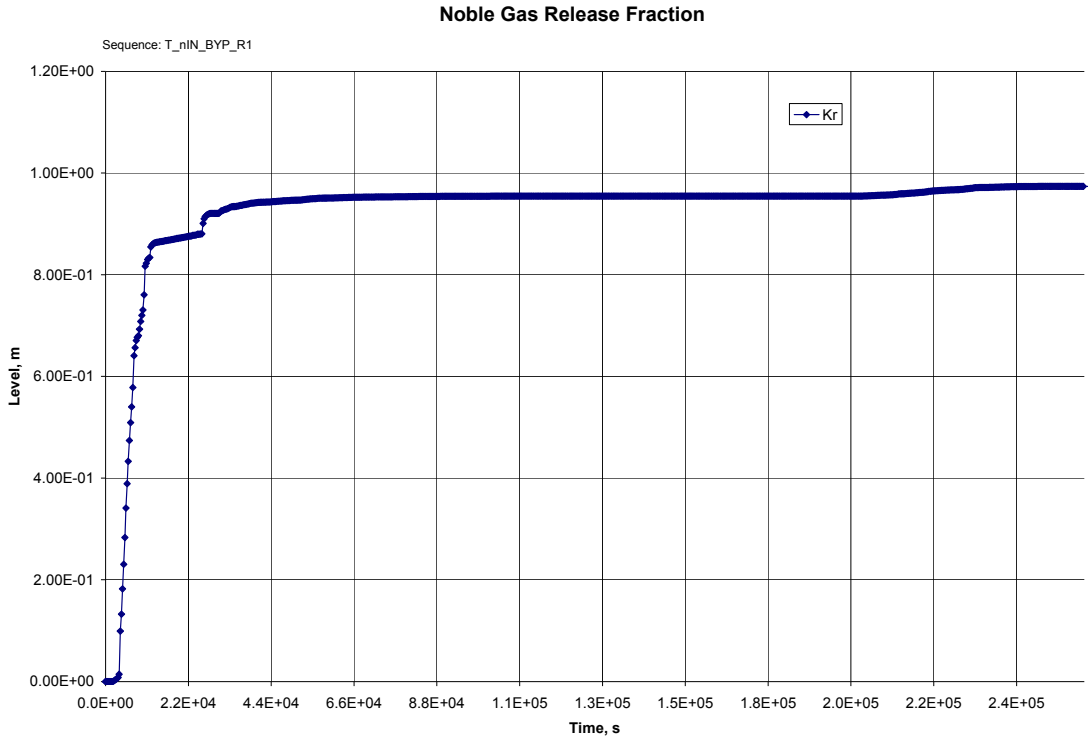

Figure 9A-3k. T_nIN_BYP_R1 Noble Gas Release Fraction

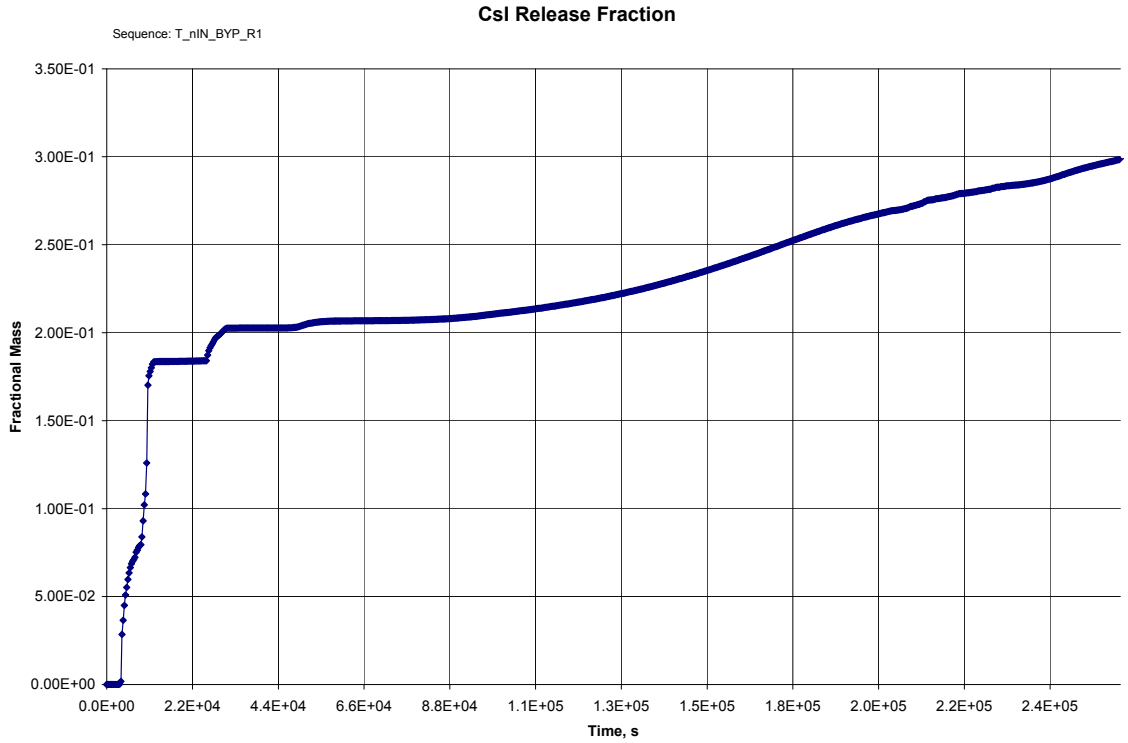

Figure 9A-3l. T_nIN_BYP_R1 CsI Release Fraction

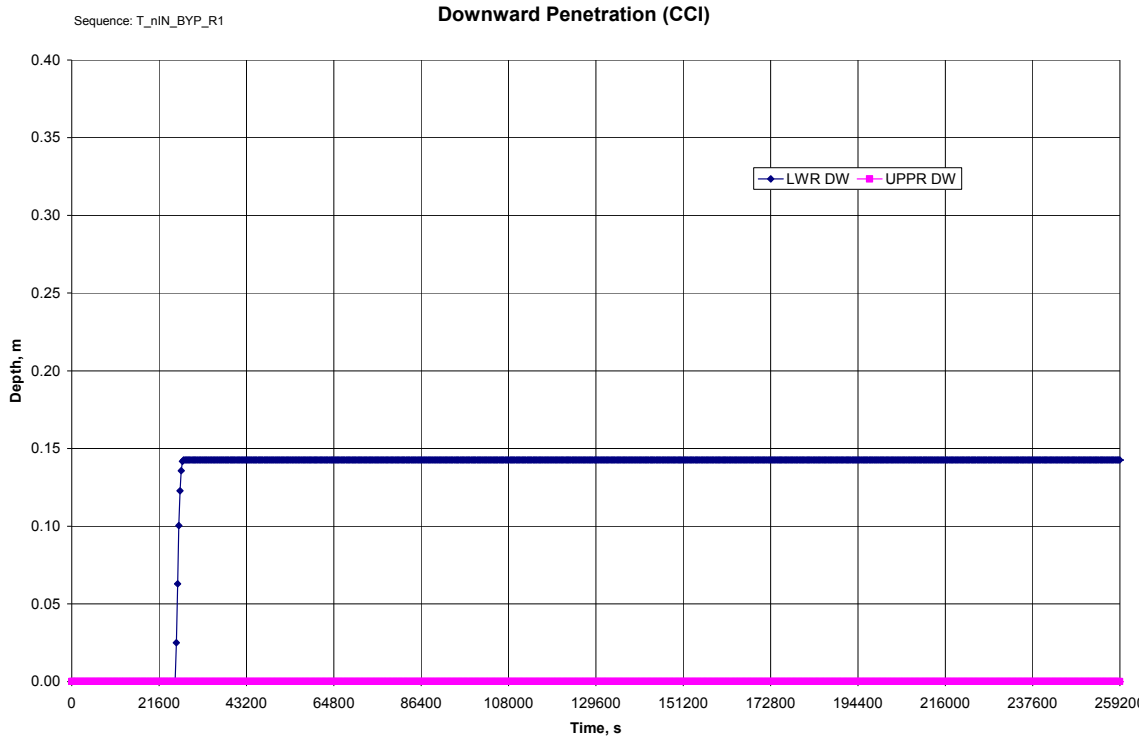

Figure 9A-3m. T_nIN_BYP_R1 Downward Penetration

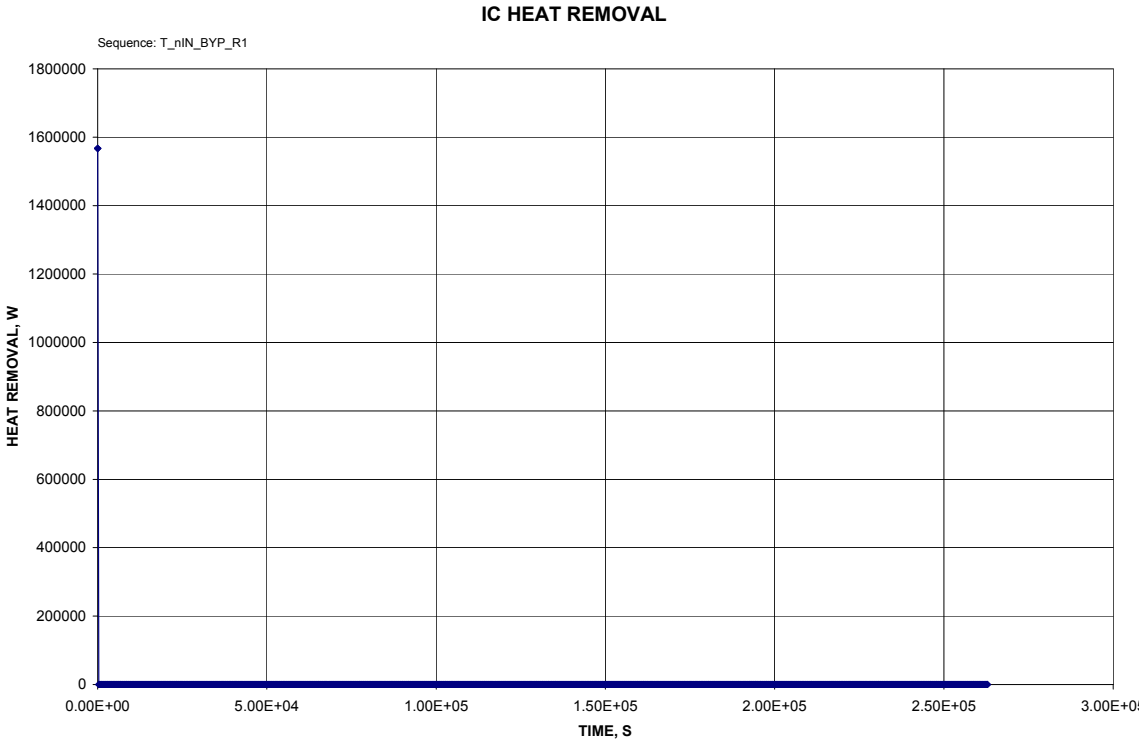

Figure 9A-3n. T_nIN_BYP_R1 IC Heat Removal

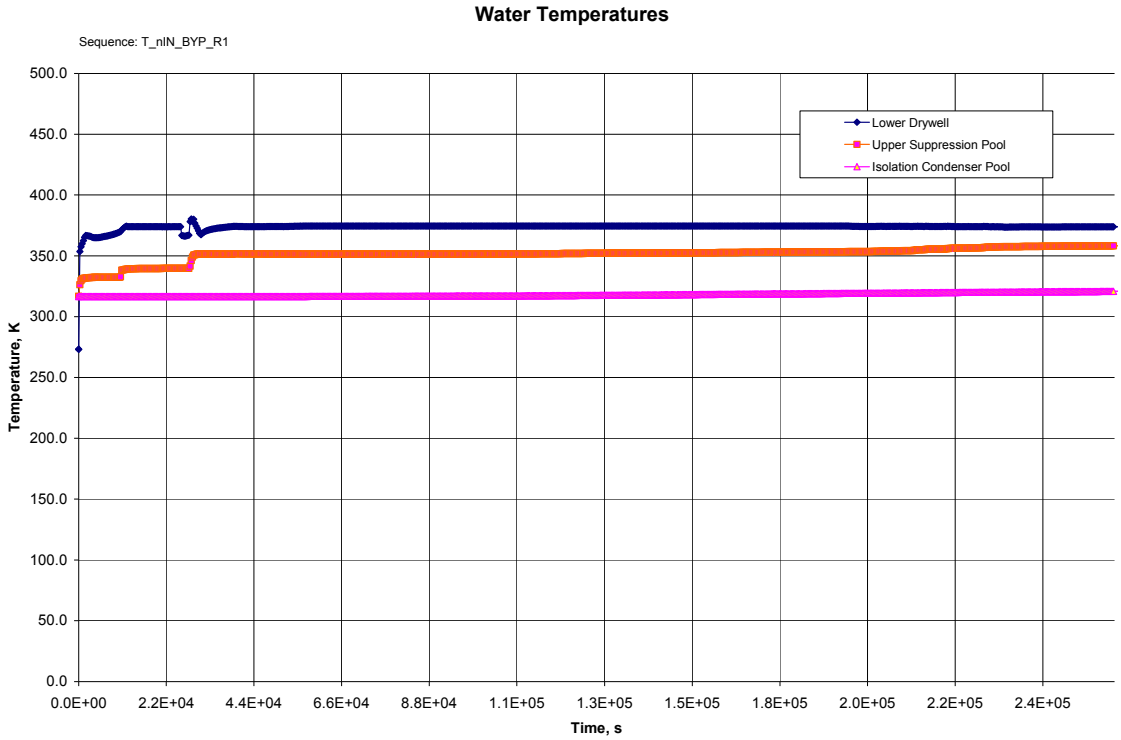

Figure 9A-3o. T_nIN_BYP_R1 Water Temperature

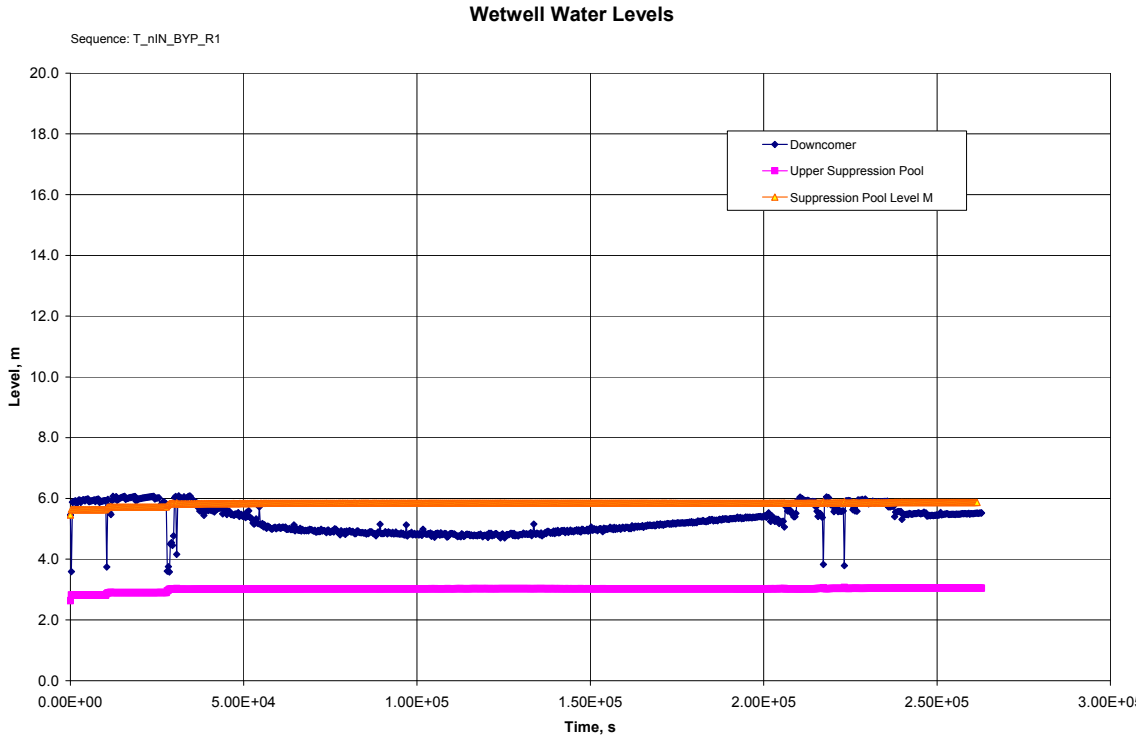

Figure 9A-3p. T_nIN_BYP_R1 Wetwell Water Levels

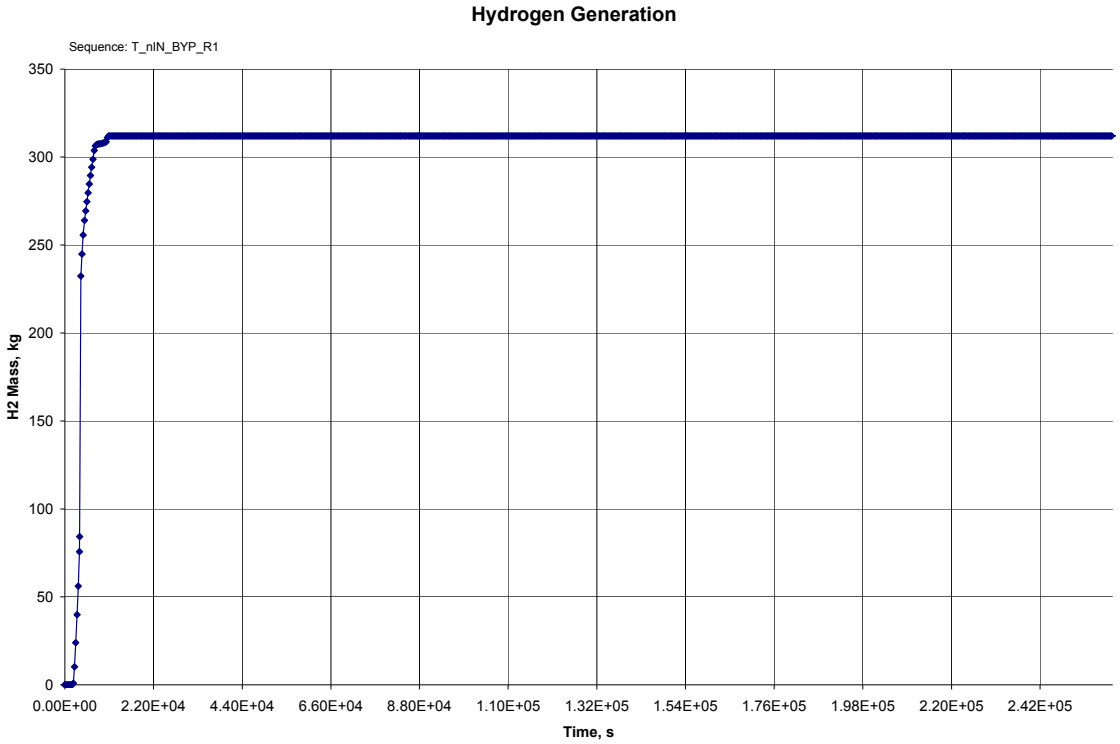

Figure 9A-3q. T_nIN_BYP_R1 Hydrogen Generation

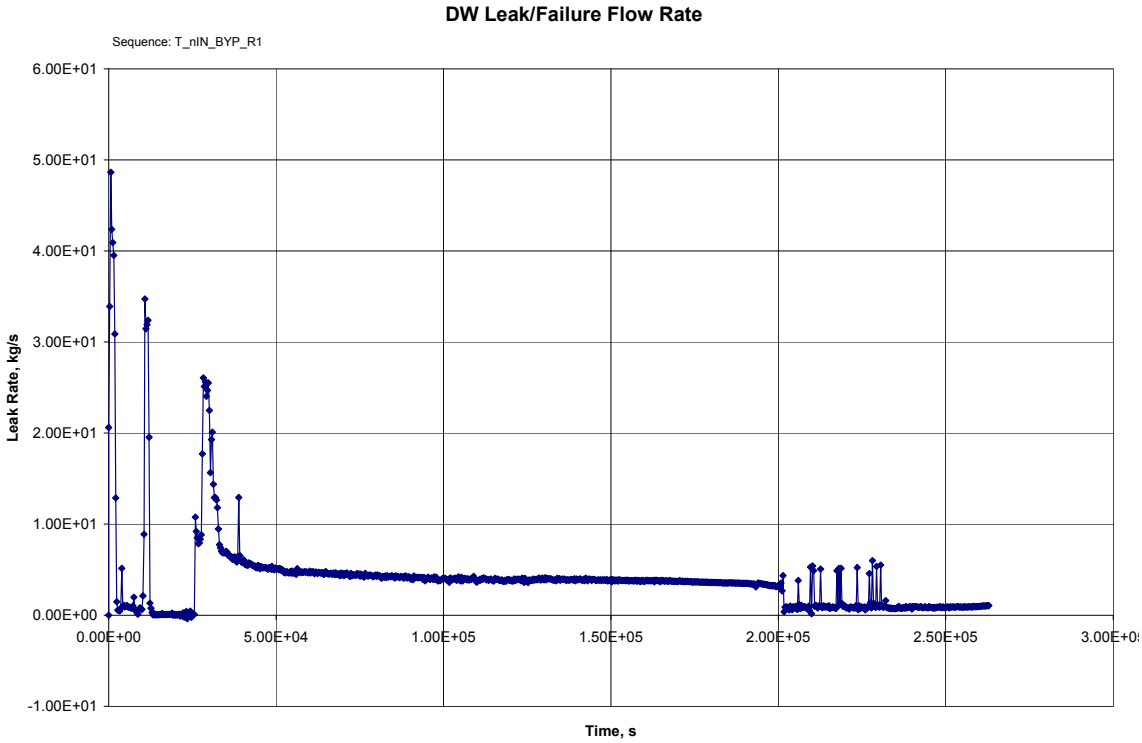

Figure 9A-3r. T_nIN_BYP_R1 DW Leak/Failure Flow Rate

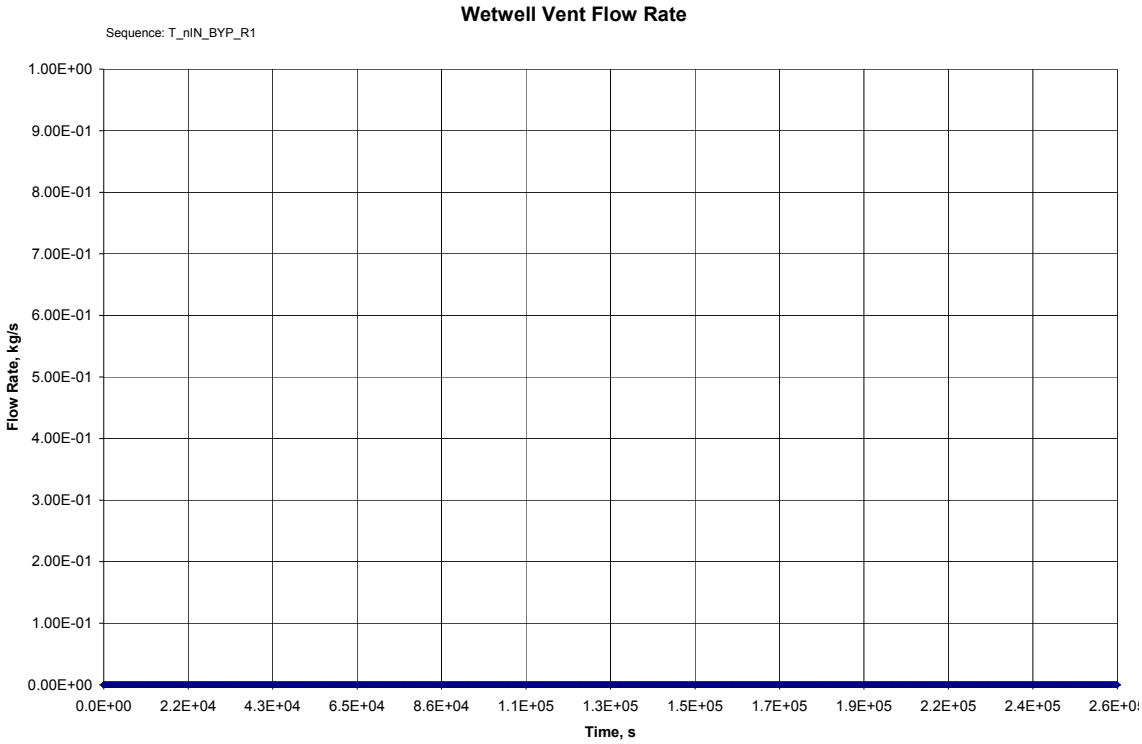

Figure 9A-3s. T_nIN_BYP_R1 Wetwell Vent Flow Rate

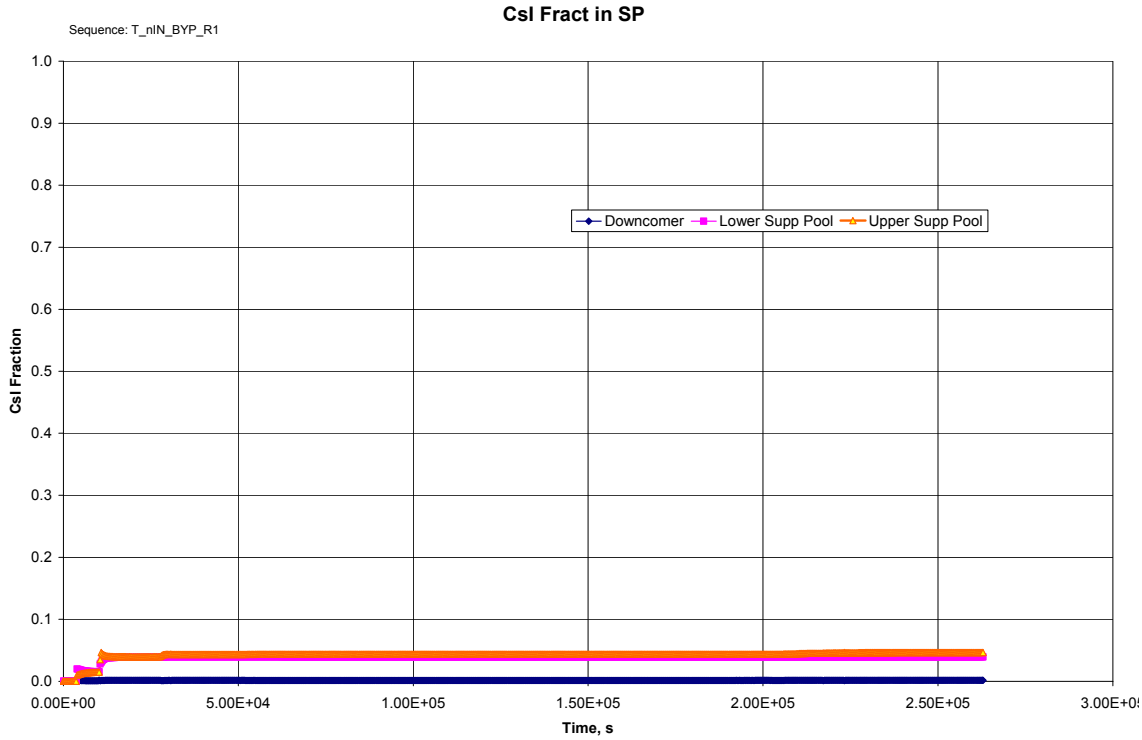

Figure 9A-3t. T_nIN_BYP_R1 CsI Fract in SP

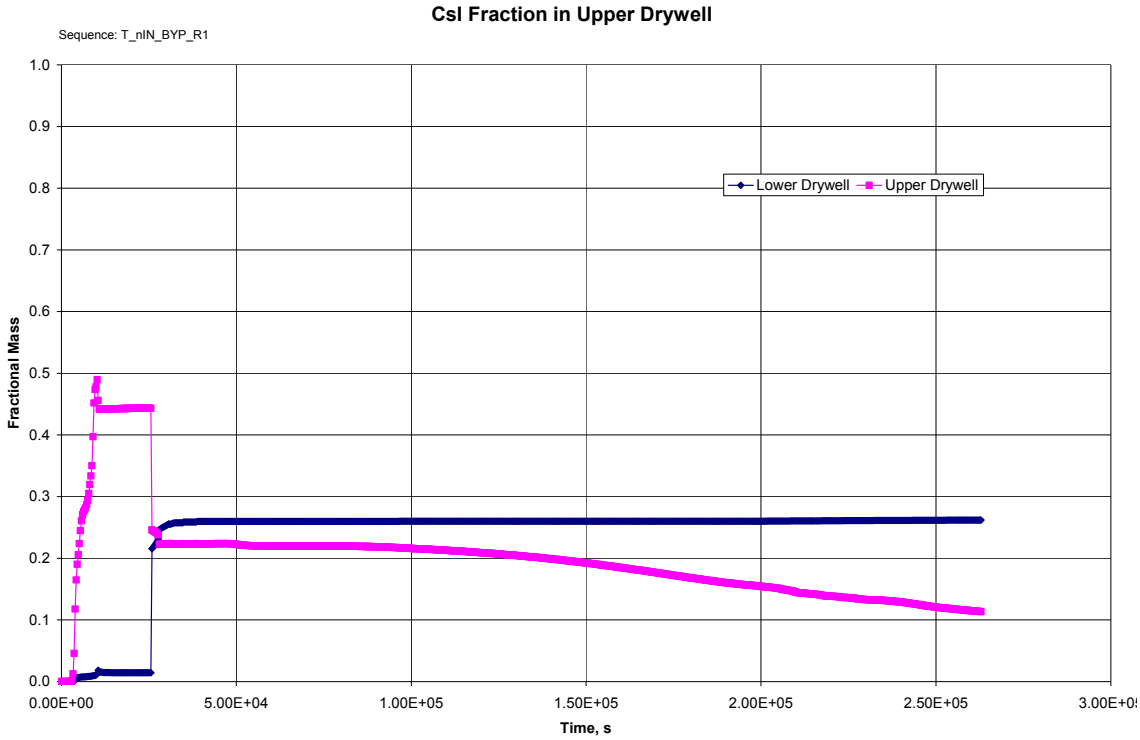

Figure 9A-3u. T_nIN_BYP_R1 CsI Fraction in Upper Drywell

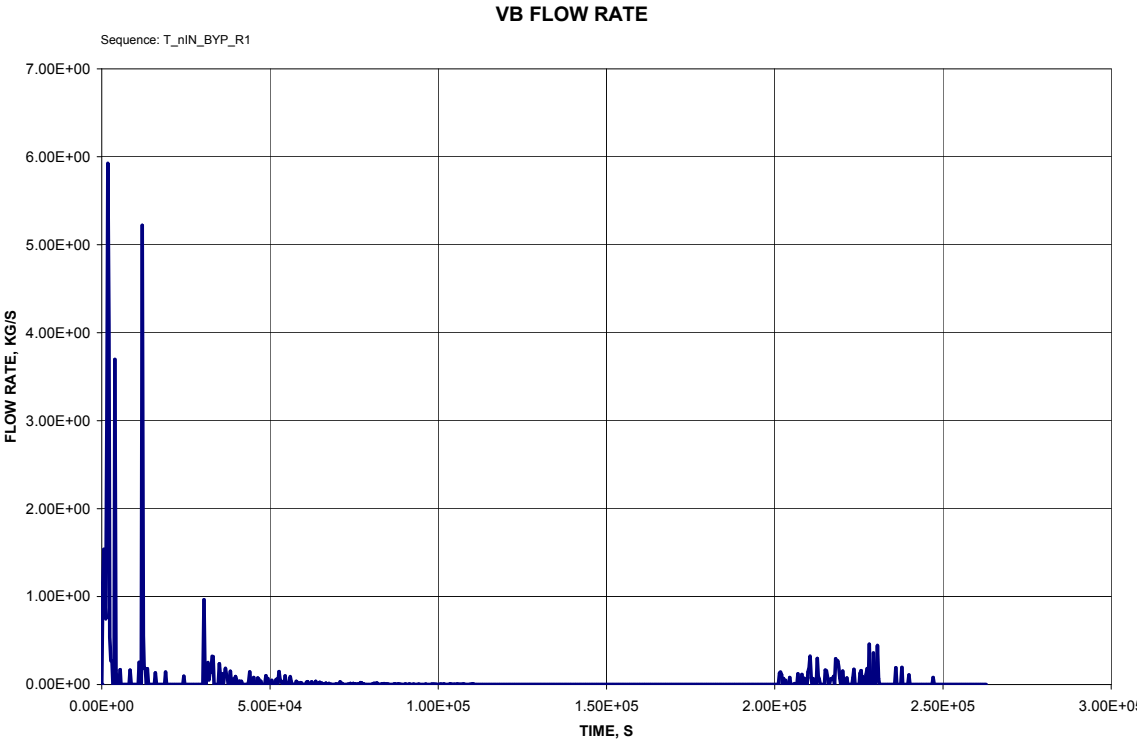

Figure 9A-3v. T_nIN_BYP_R1 VB Flow Rate

9A.4 Bypass RS (High Pressure) T_nDP_nIN_BYP_R1

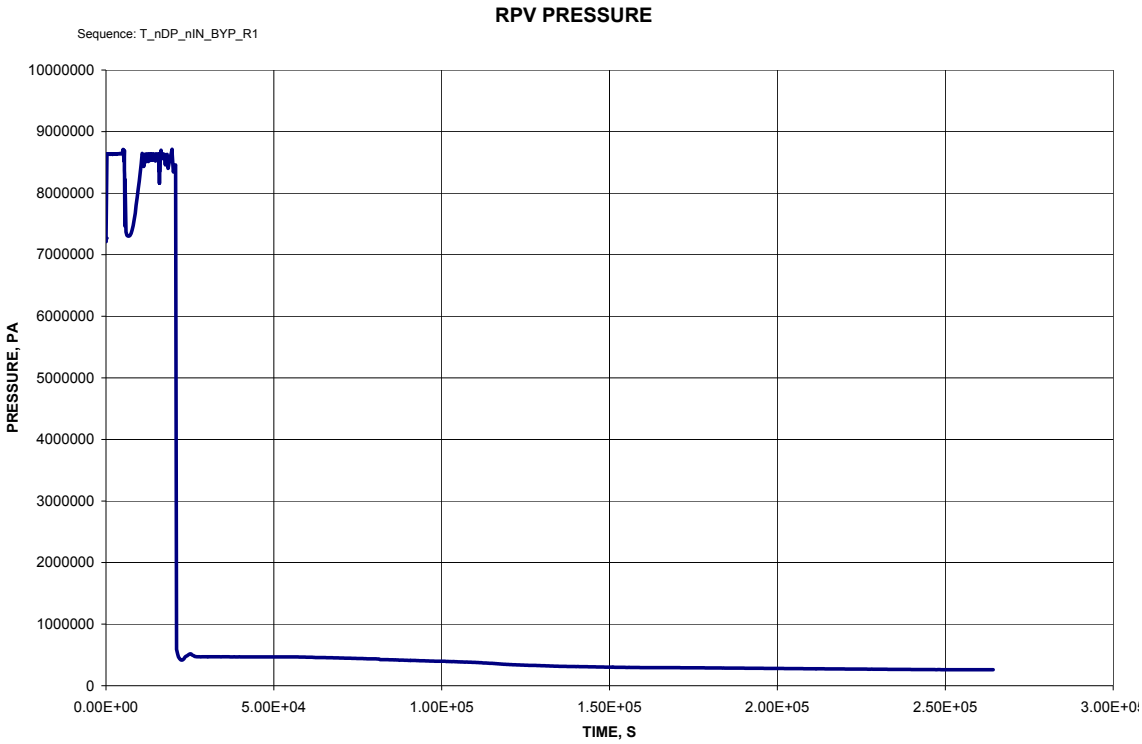

Figure 9A-4a. T_nDP_nIN_BYP_R1 RPV Pressure

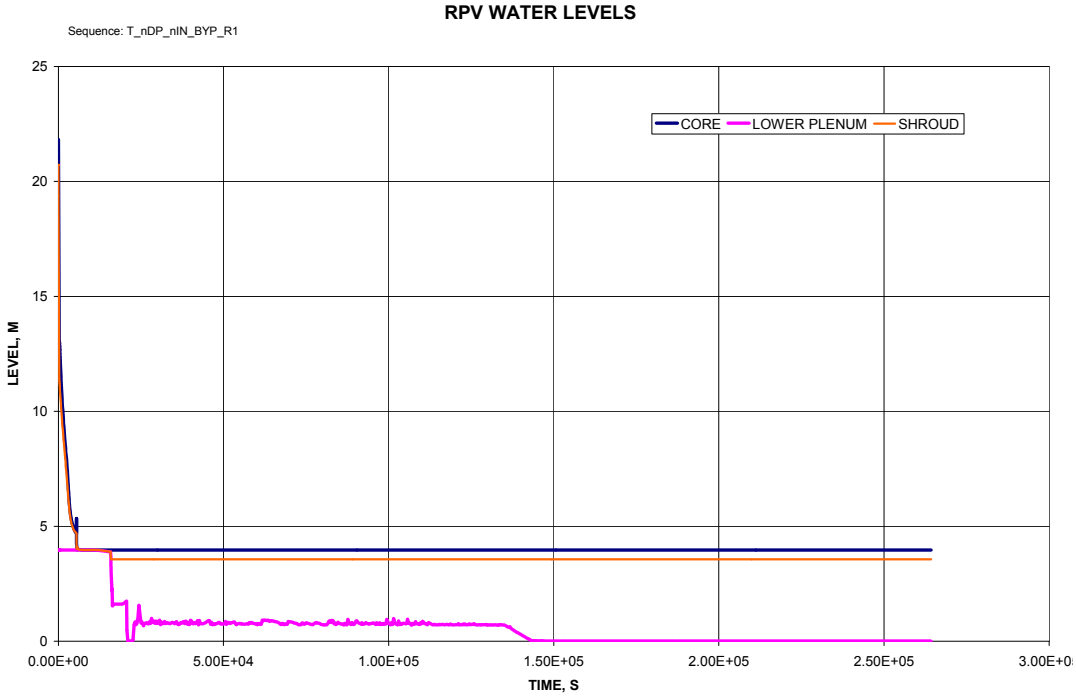

Figure 9A-4b. T_nDP_nIN_BYP_R1 RPV Water Levels

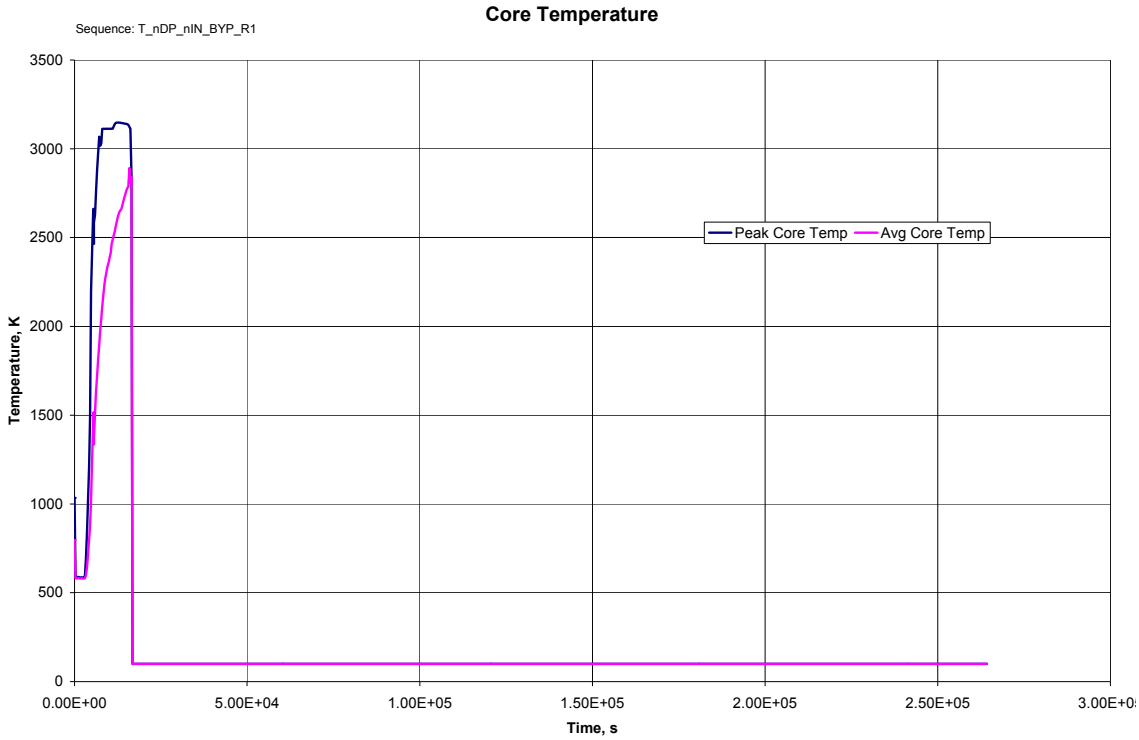

Figure 9A-4c. T_nDP_nIN_BYP_R1 Core Temperature

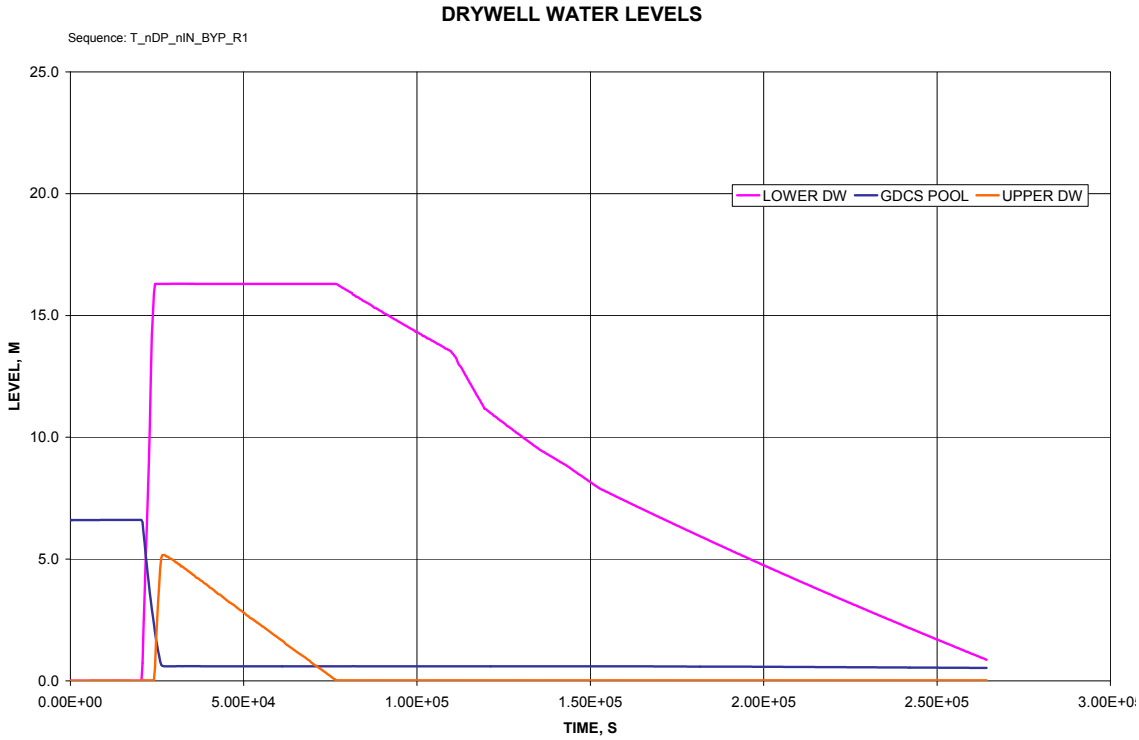

Figure 9A-4d. T_nDP_nIN_BYP_R1 Drywell Water Levels

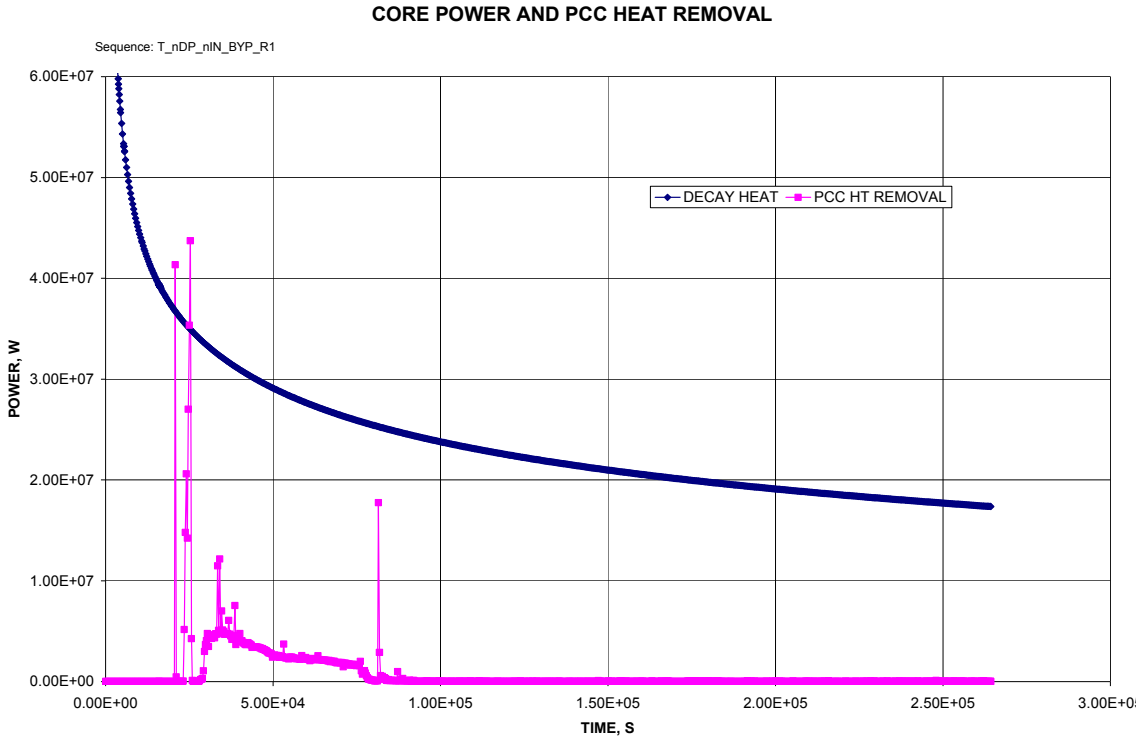

Figure 9A-4e. T_nDP_nIN_BYP_R1 Core Power and PCC Heat Removal

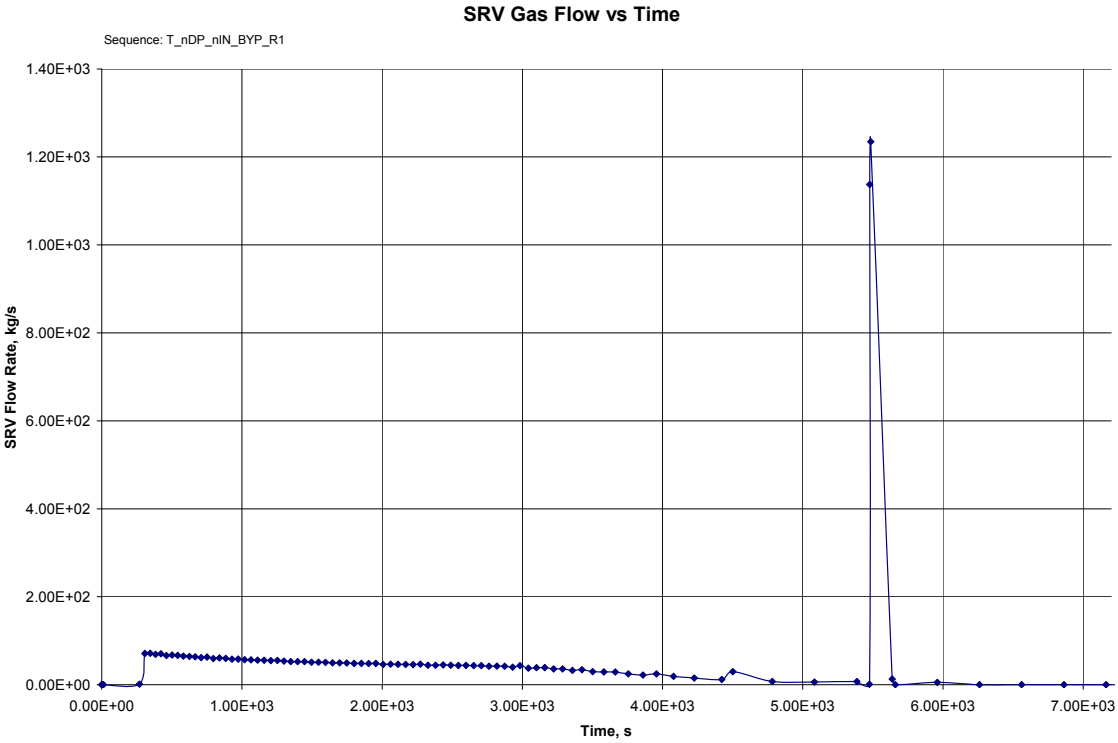

Figure 9A-4f. T_nDP_nIN_BYP_R1 SRV Gas Flow vs. Time

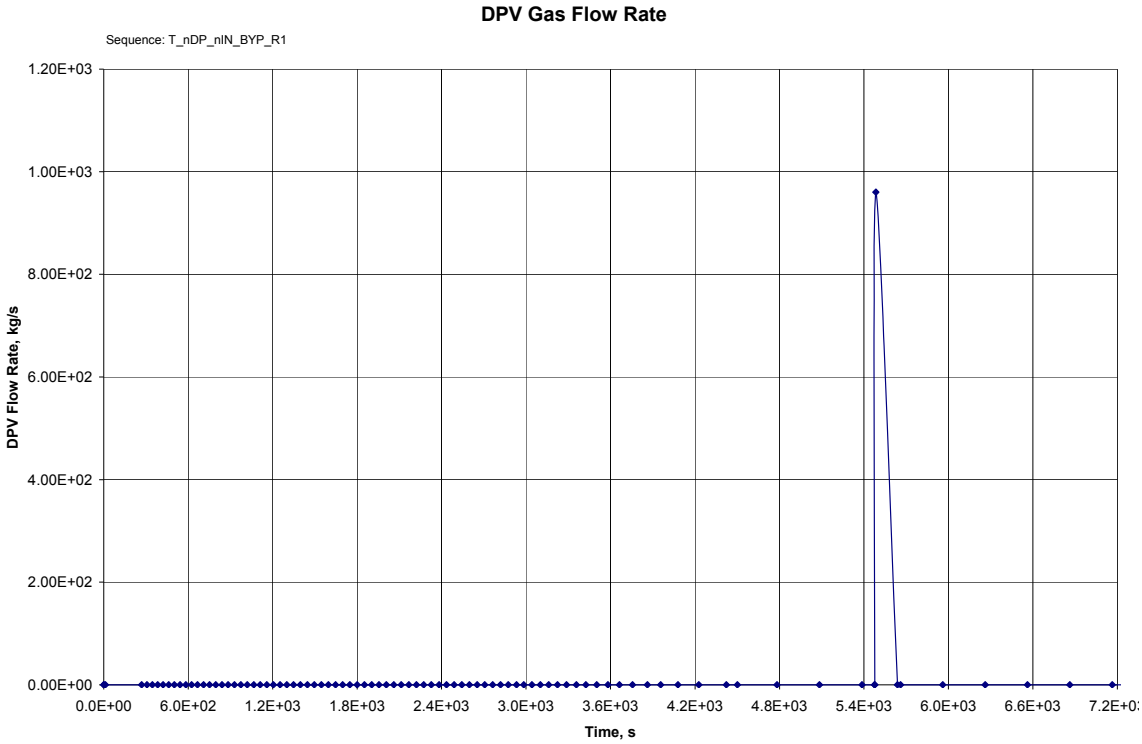

Figure 9A-4g. T_nDP_nIN_BYP_R1 DPV Gas Flow Rate

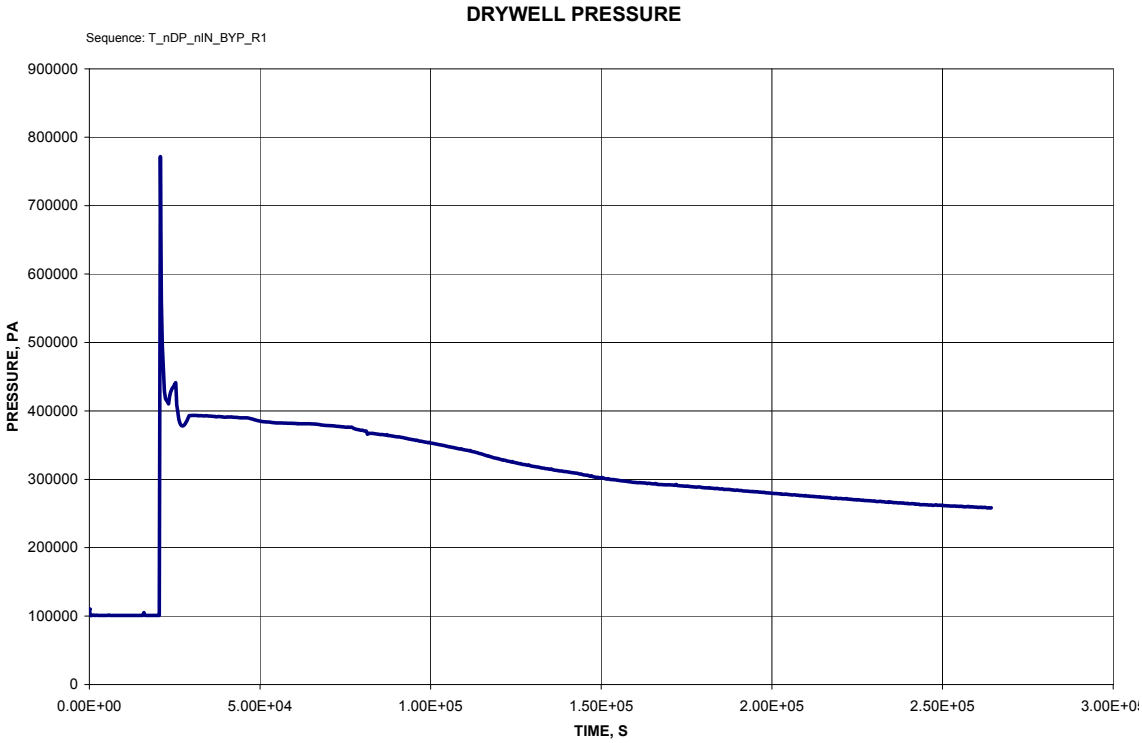

Figure 9A-4h. T_nDP_nIN_BYP_R1 Drywell Pressure

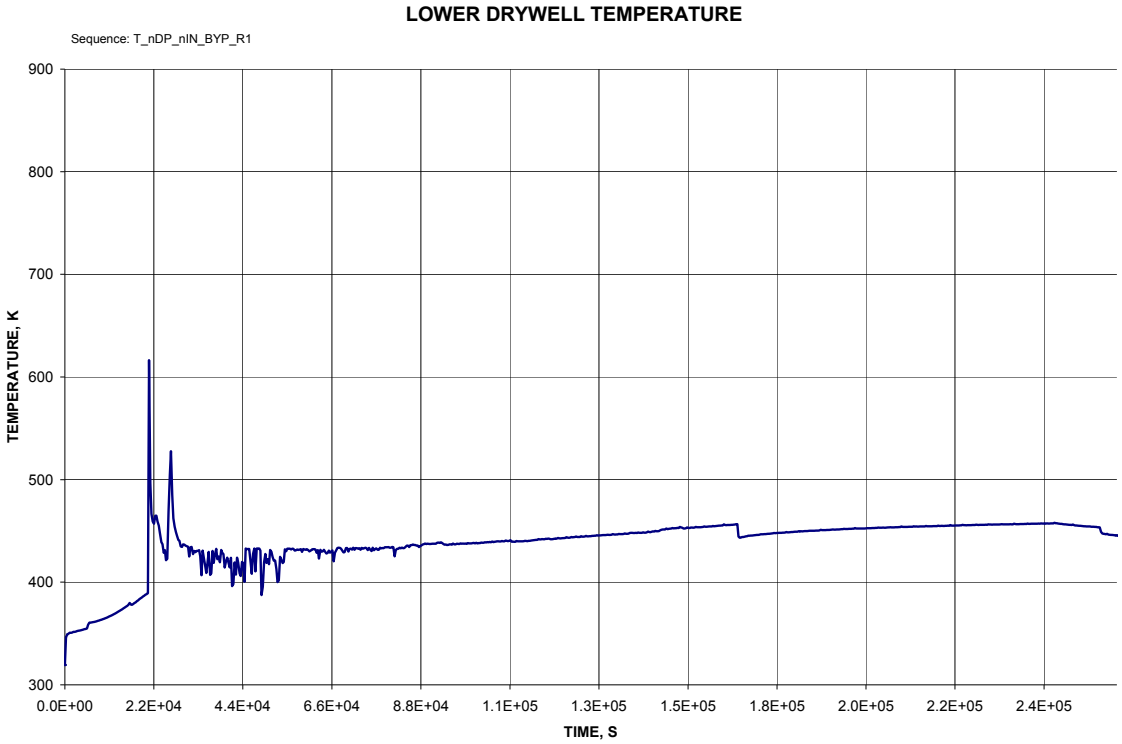

Figure 9A-4i. T_nDP_nIN_BYP_R1 Lower Drywell Temperature

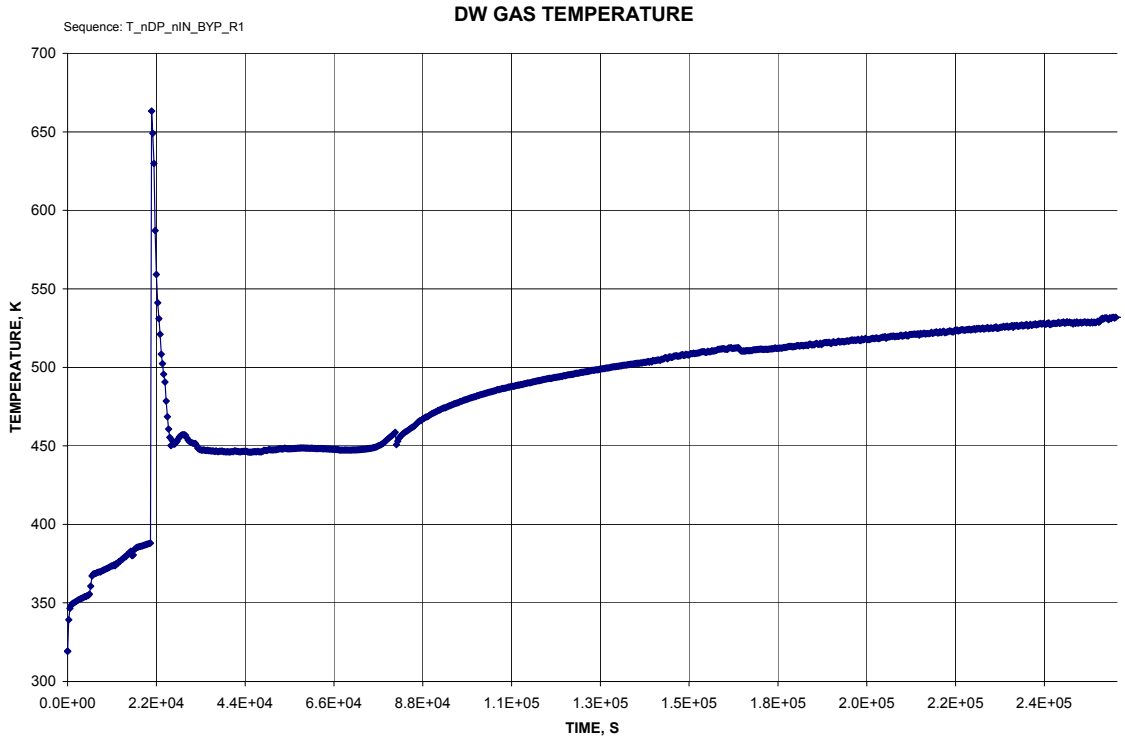

Figure 9A-4j. T_nDP_nIN_BYP_R1 DW Gas Temperature

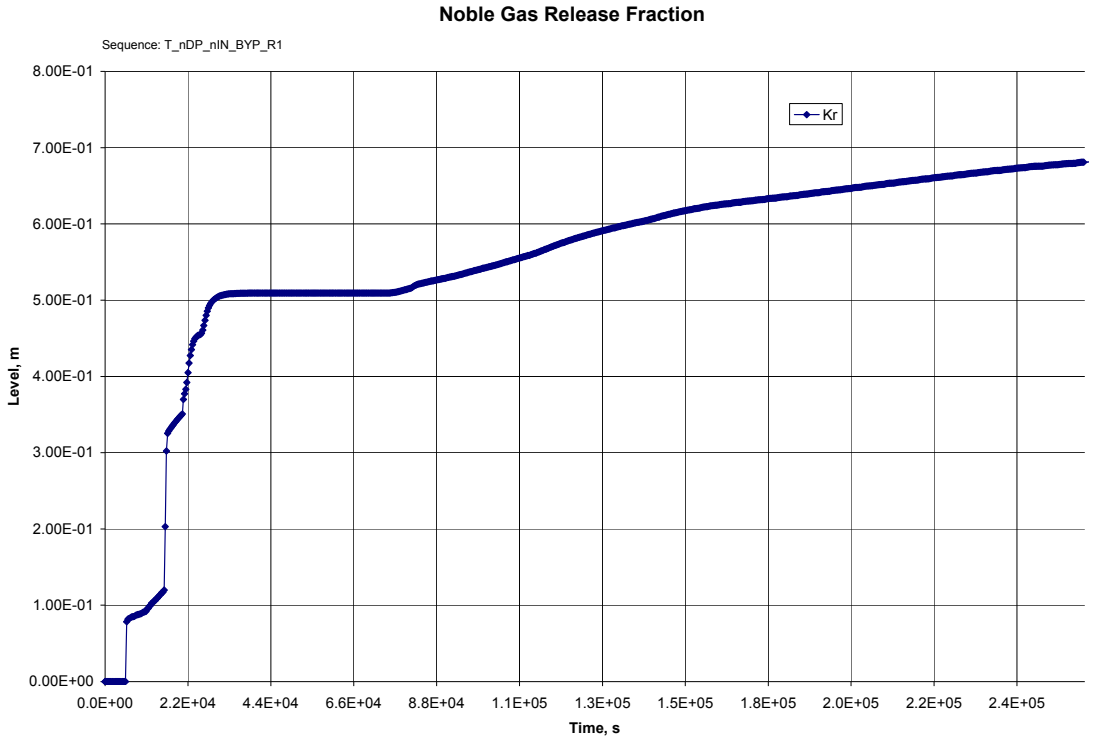

Figure 9A-4k. T_nDP_nIN_BYP_R1 Noble Gas Release Fraction

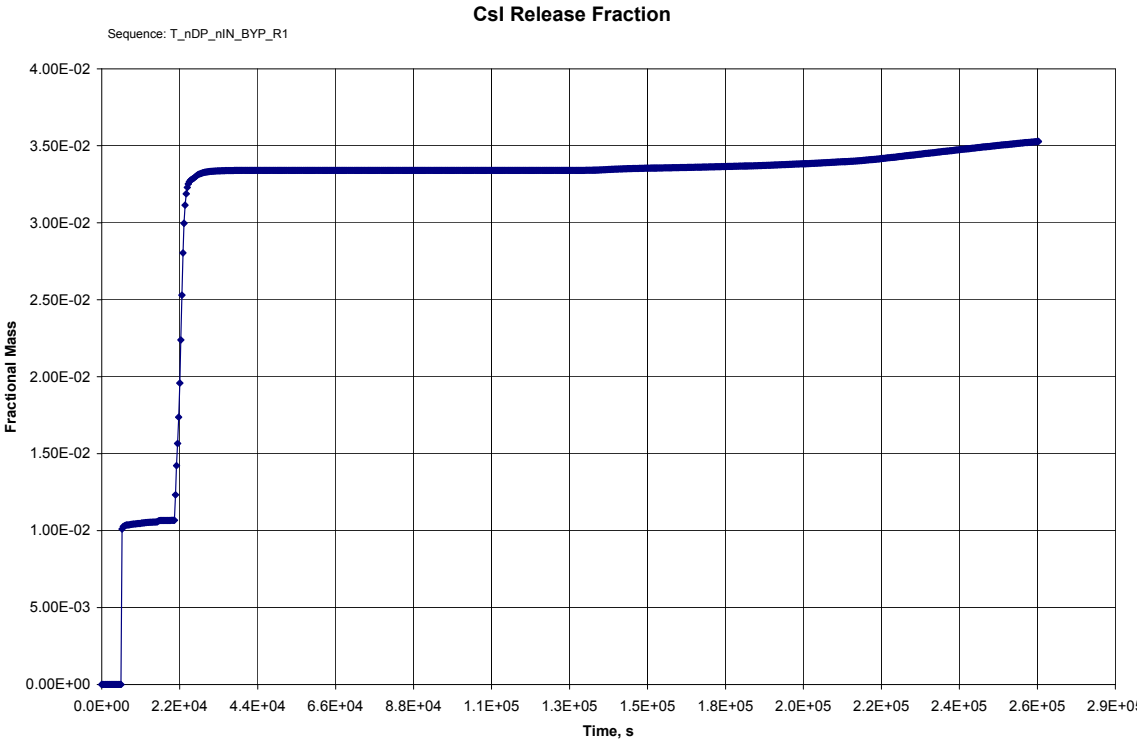

Figure 9A-4l. T_nDP_nIN_BYP_R1 CsI Release Fraction

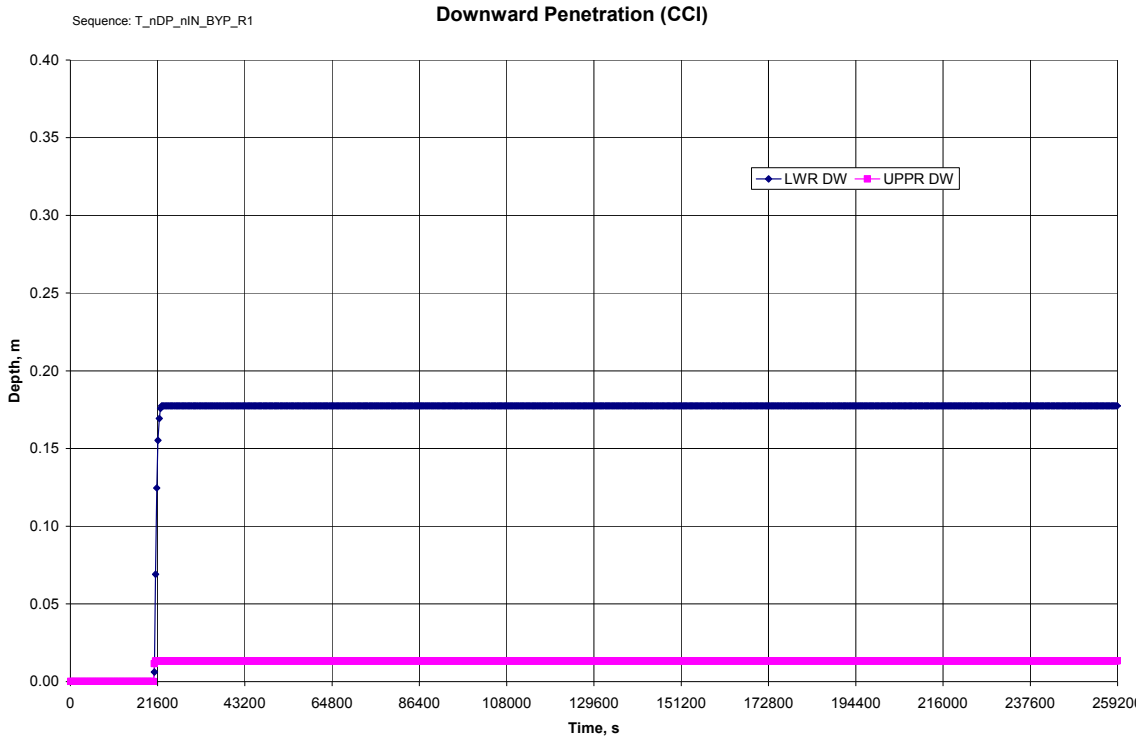

Figure 9A-4m. T_nDP_nIN_BYP_R1 Downward Penetration (CCI)

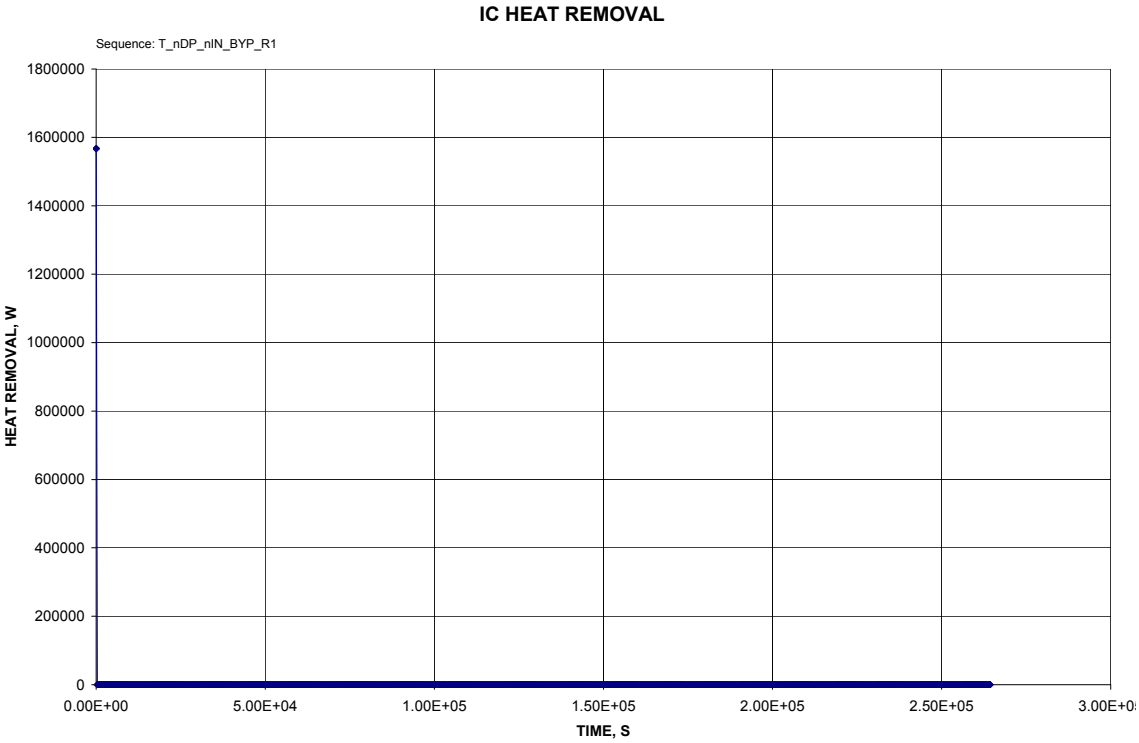

Figure 9A-4n. T_nDP_nIN_BYP_R1 IC Heat Removal

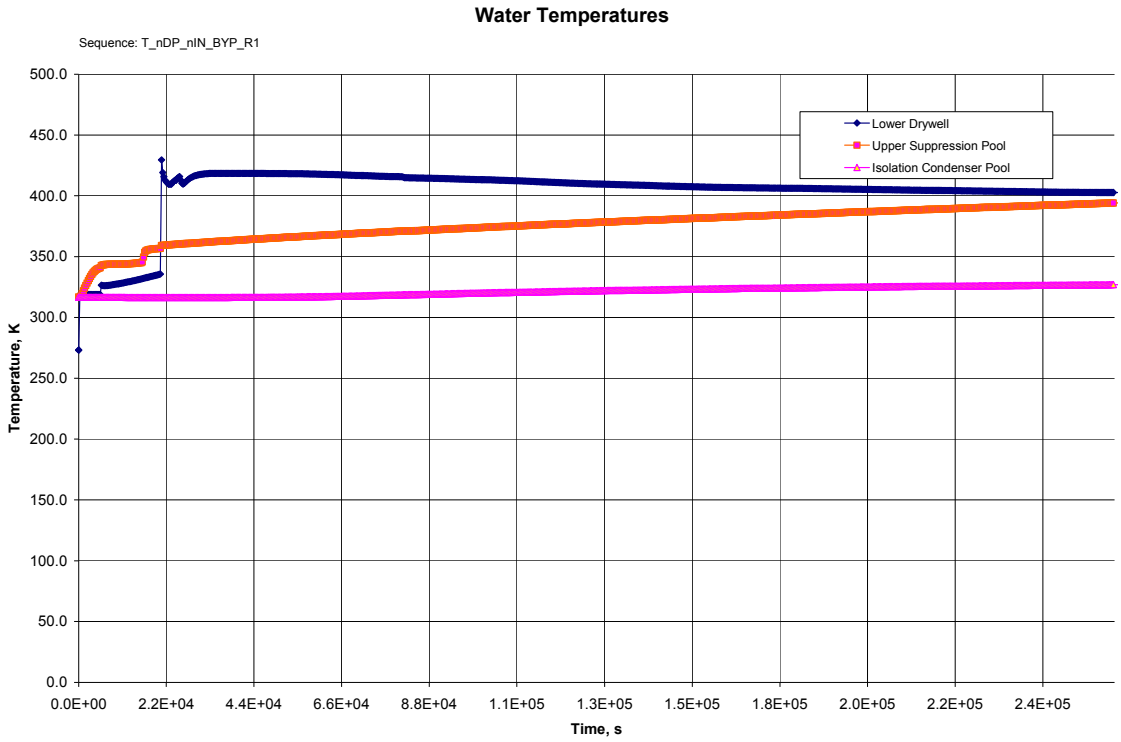

Figure 9A-4o. T_nDP_nIN_BYP_R1 IC Water Temperatures

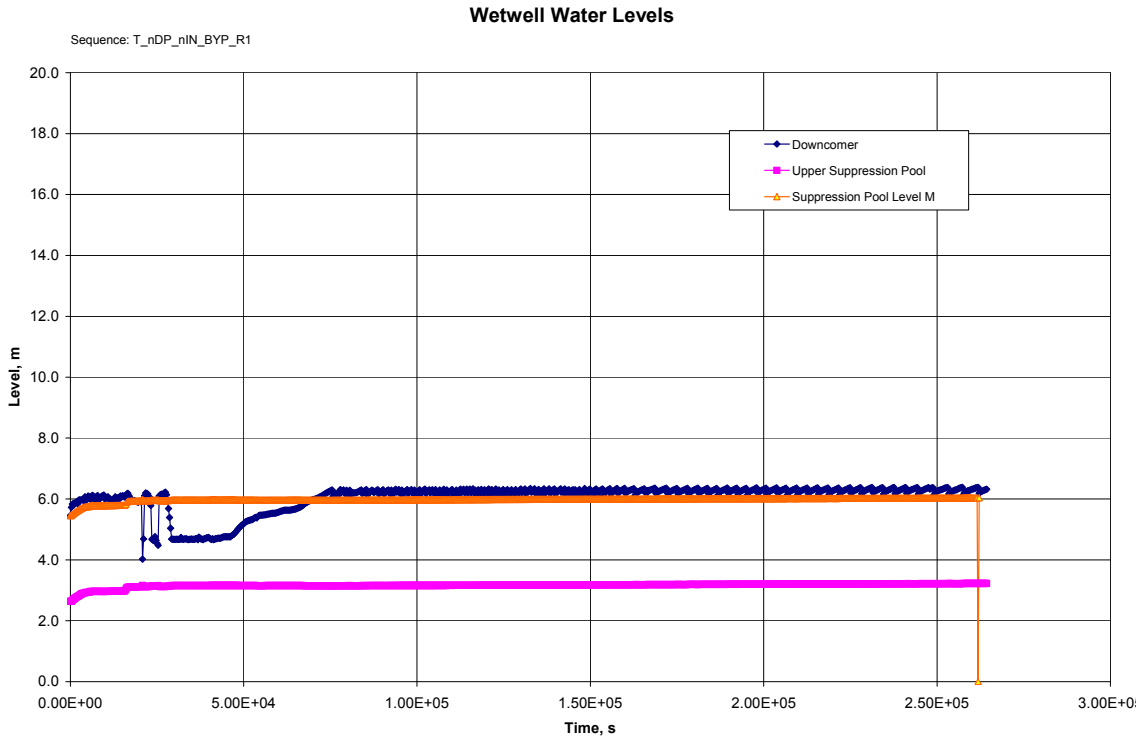

Figure 9A-4p. T_nDP_nIN_BYP_R1 Wetwell Water Levels

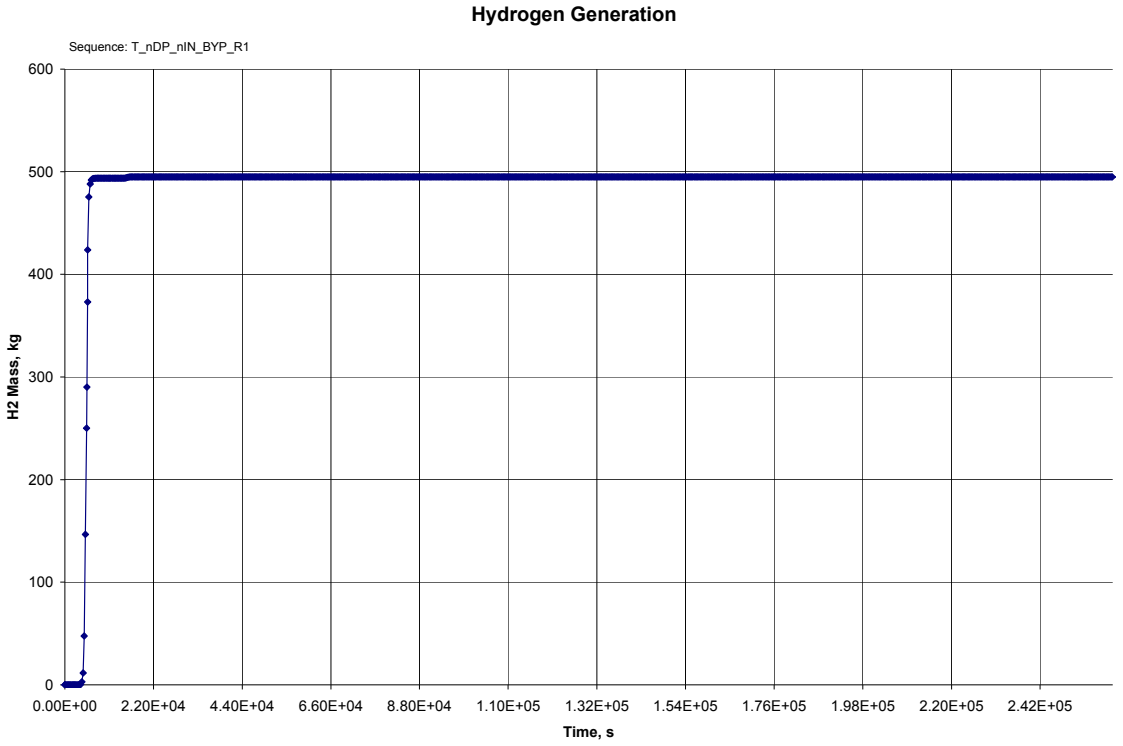

Figure 9A-4q. T_nDP_nIN_BYP_R1 Hydrogen Generation

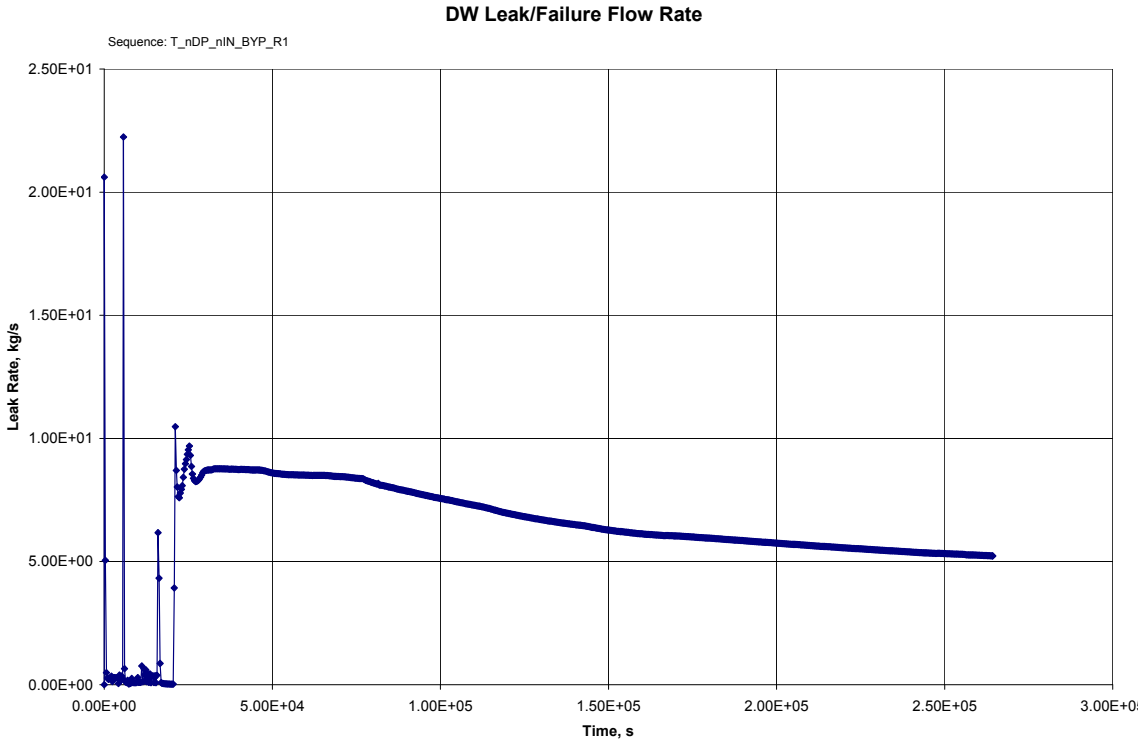

Figure 9A-4r. T_nDP_nIN_BYP_R1 DW Leak/Failure Flow Rate

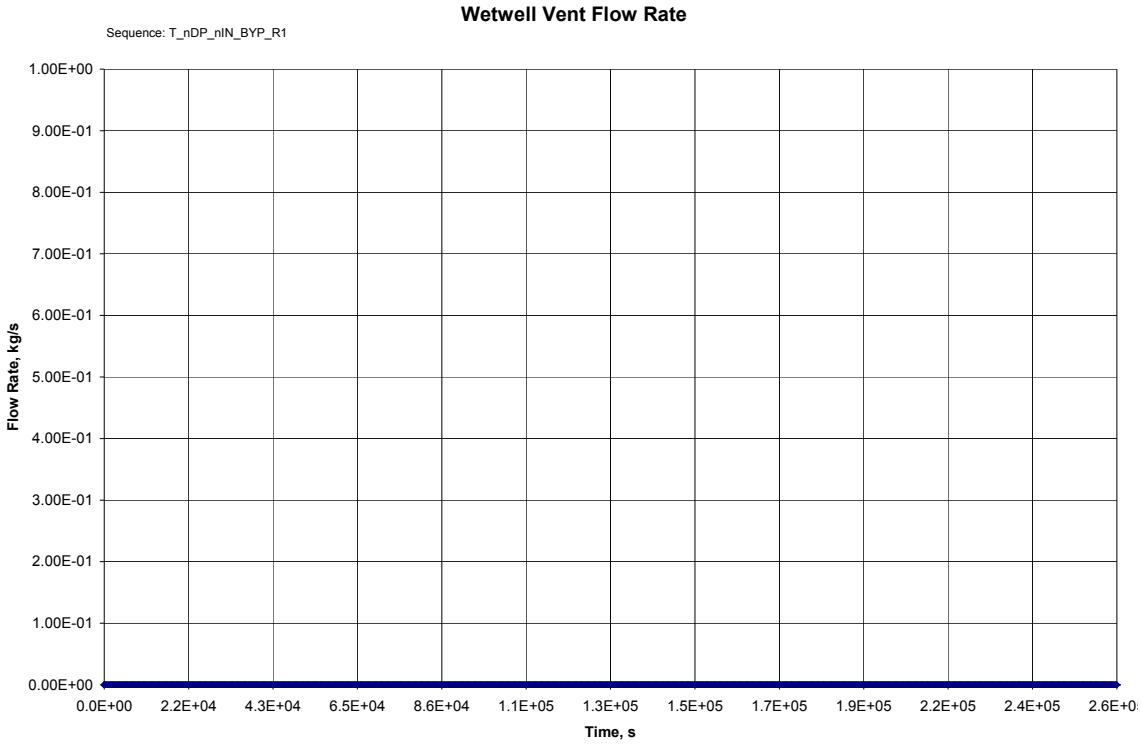

Figure 9A-4s. T_nDP_nIN_BYP_R1 Wetwell Vent Flow Rate

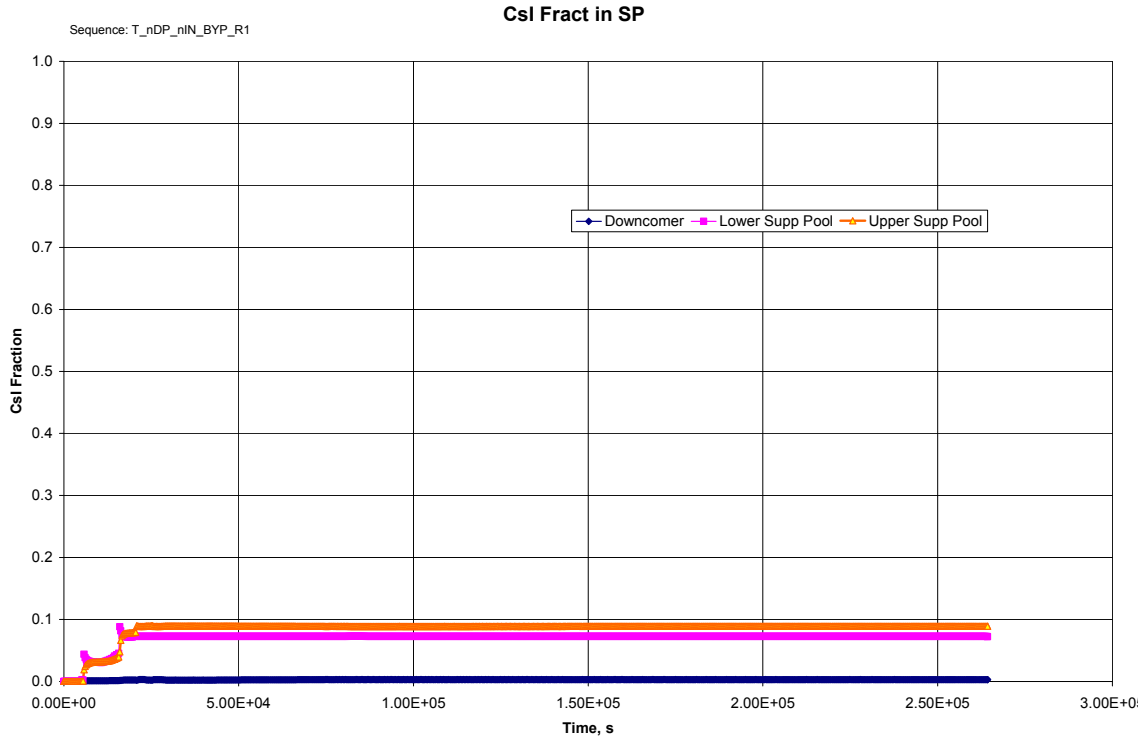

Figure 9A-4t. T_nDP_nIN_BYP_R1 CsI Fract in SP

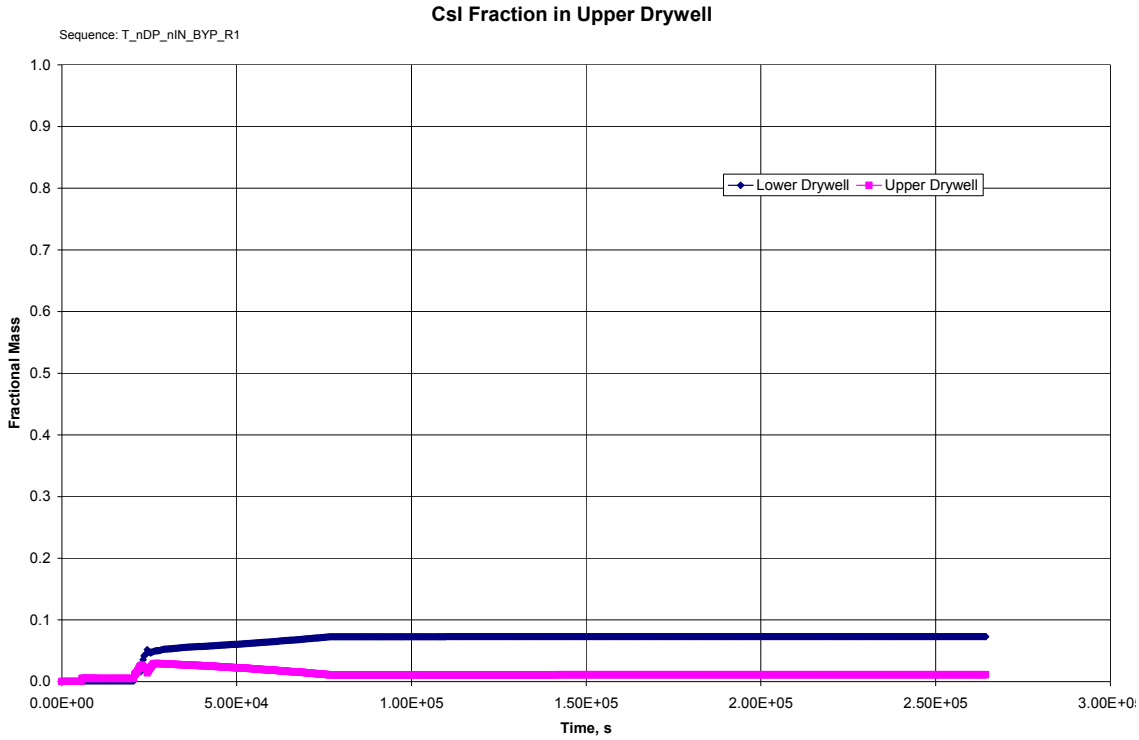

Figure 9A-4u. T_nDP_nIN_BYP_R1 CsI Fraction in Upper Drywell

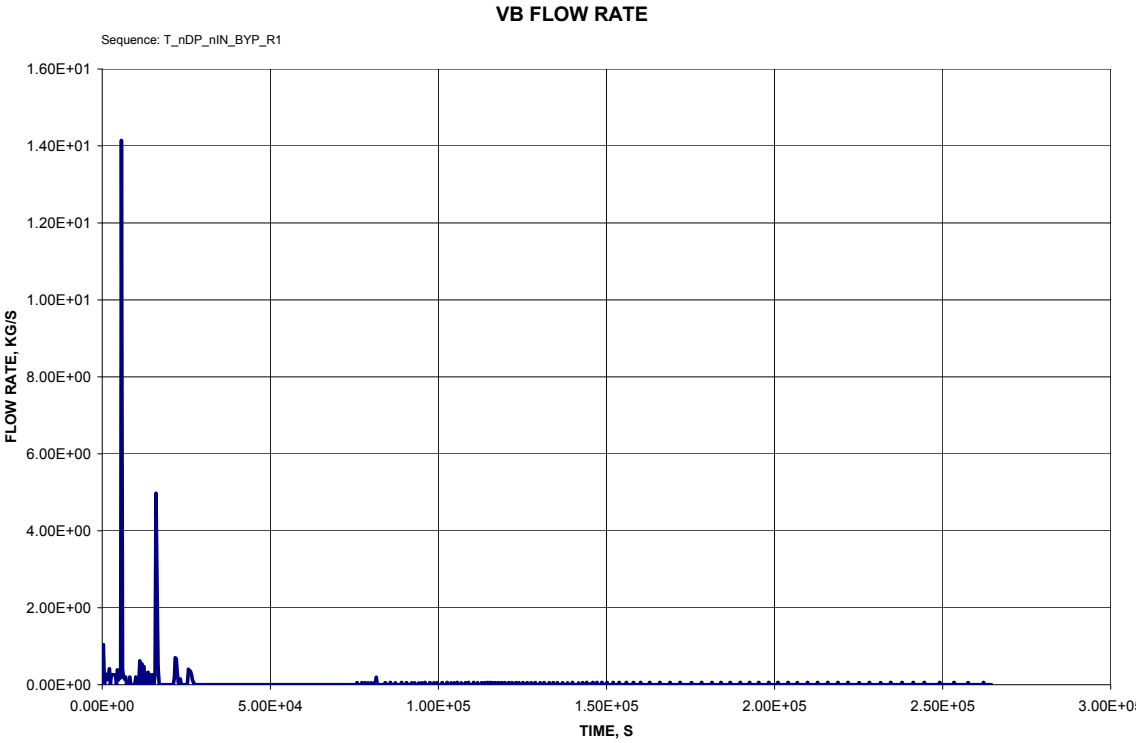

Figure 9A-4v. T_nDP_nIN_BYP_R1 VB Flow Rate

9A.5 Core Concrete Interaction (Dry) - Low Pressure T_nIN_nD_CCID_R4

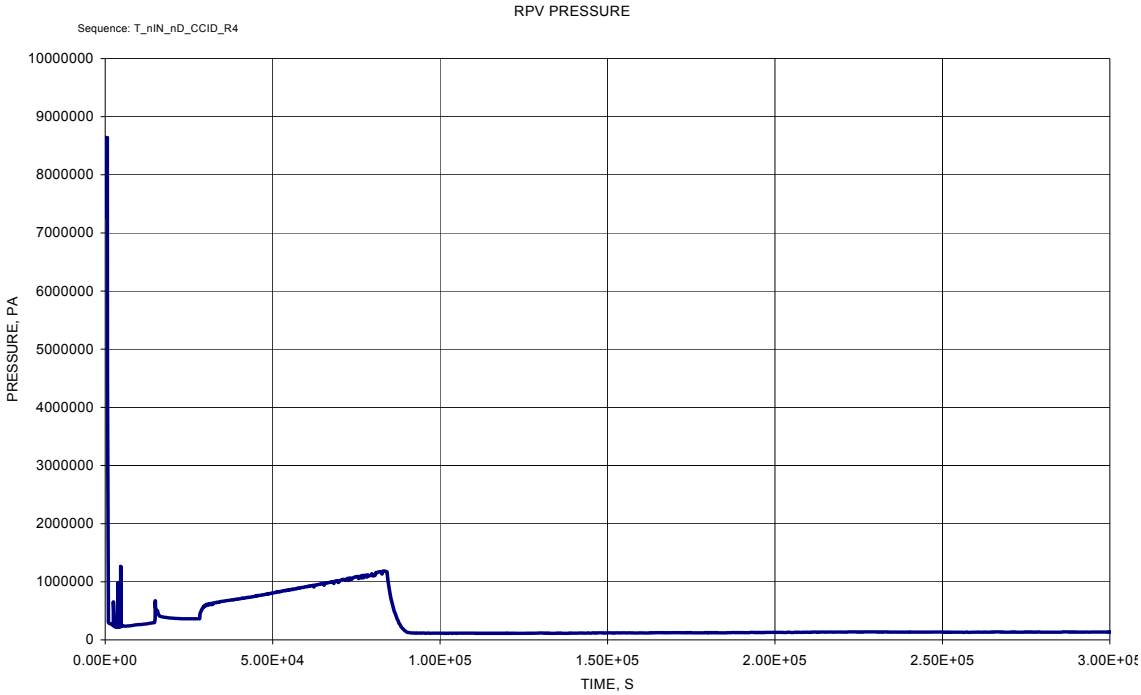

Figure 9A-5a. T_nIN_nD_CCID_R4 RPV Pressure

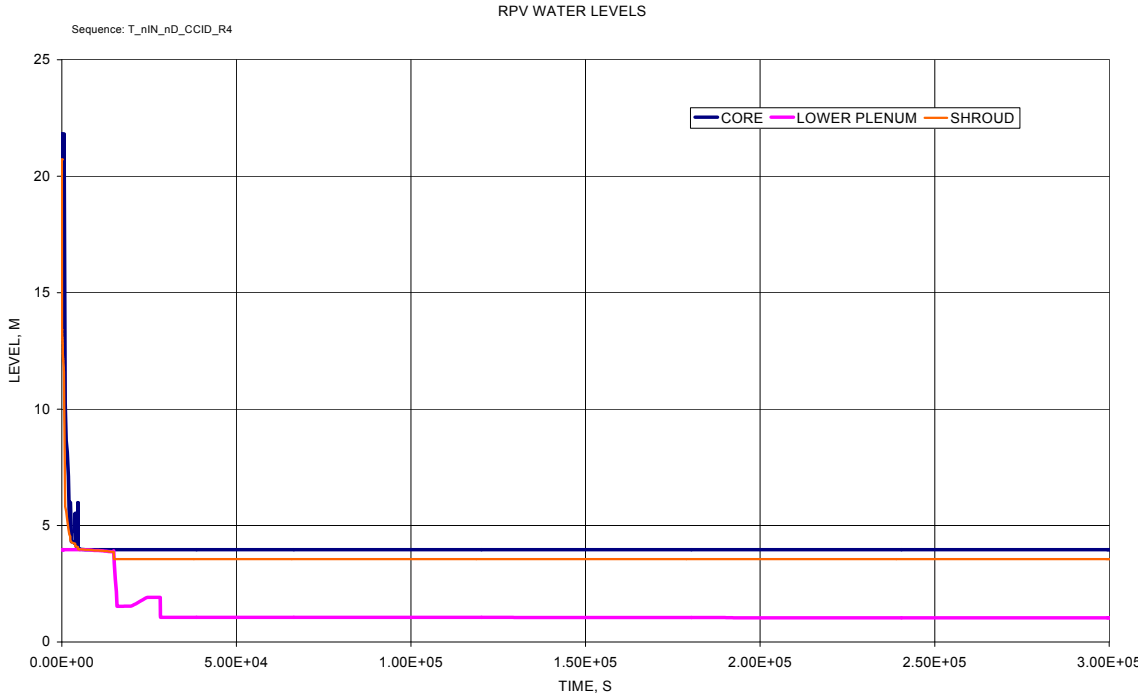

Figure 9A-5b. T_nIN_nD_CCID_R4 RPV Water Levels

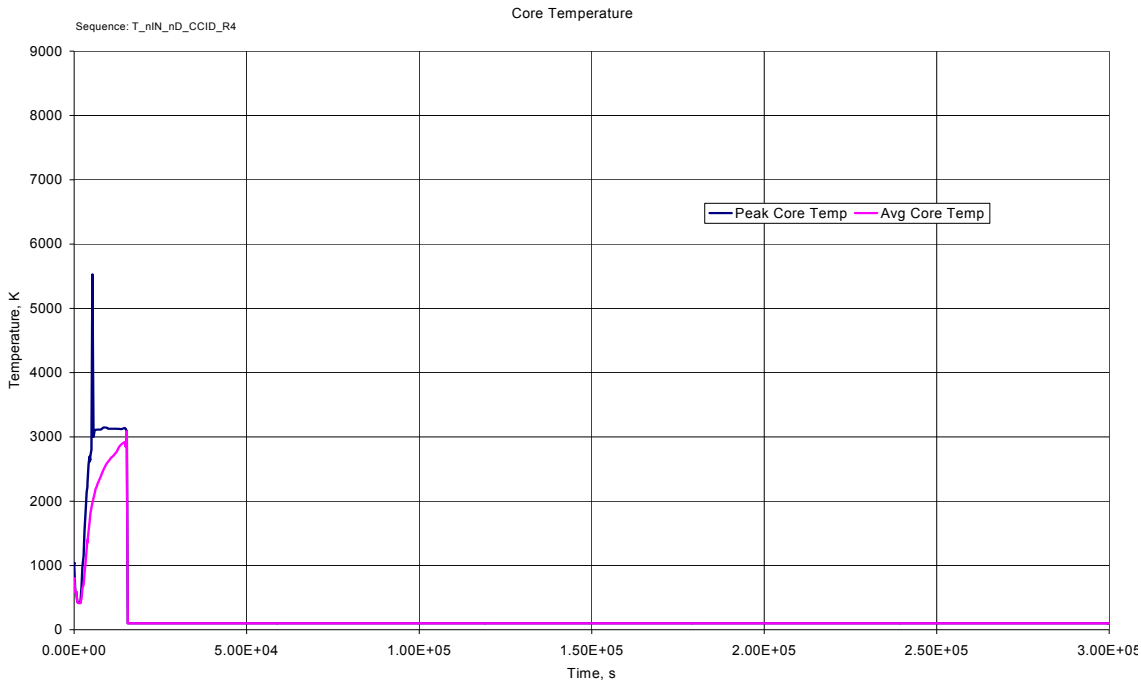

Figure 9A-5c. T_nIN_nD_CCID_R4 Core Temperature

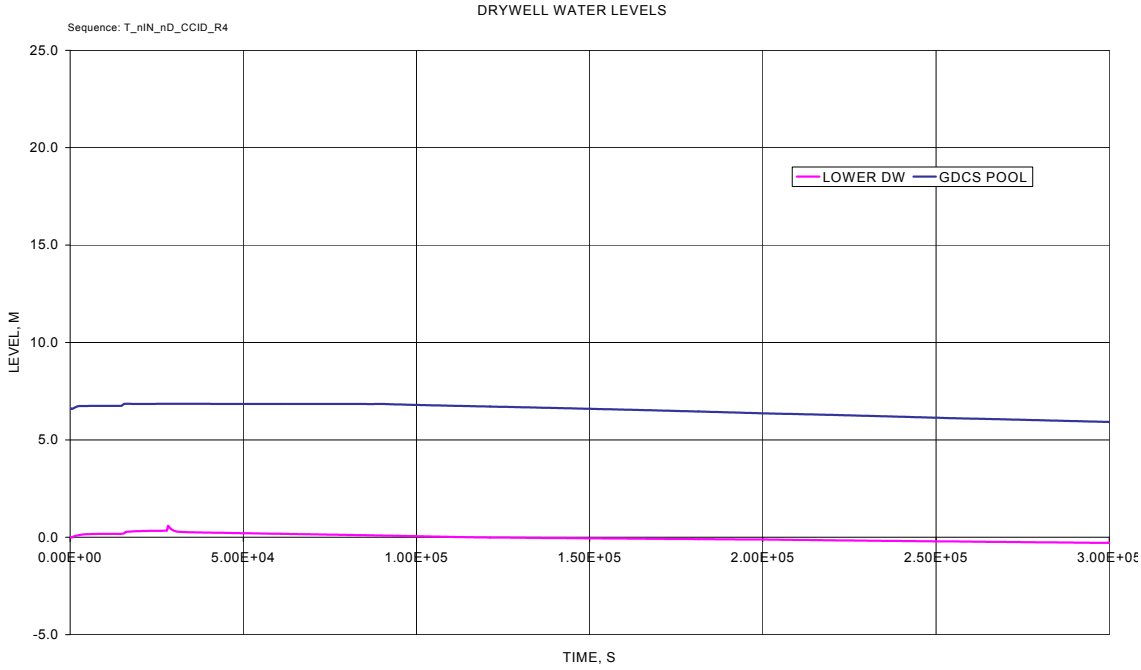

Figure 9A-5d. T_nIN_nD_CCID_R4 Drywell Water Levels

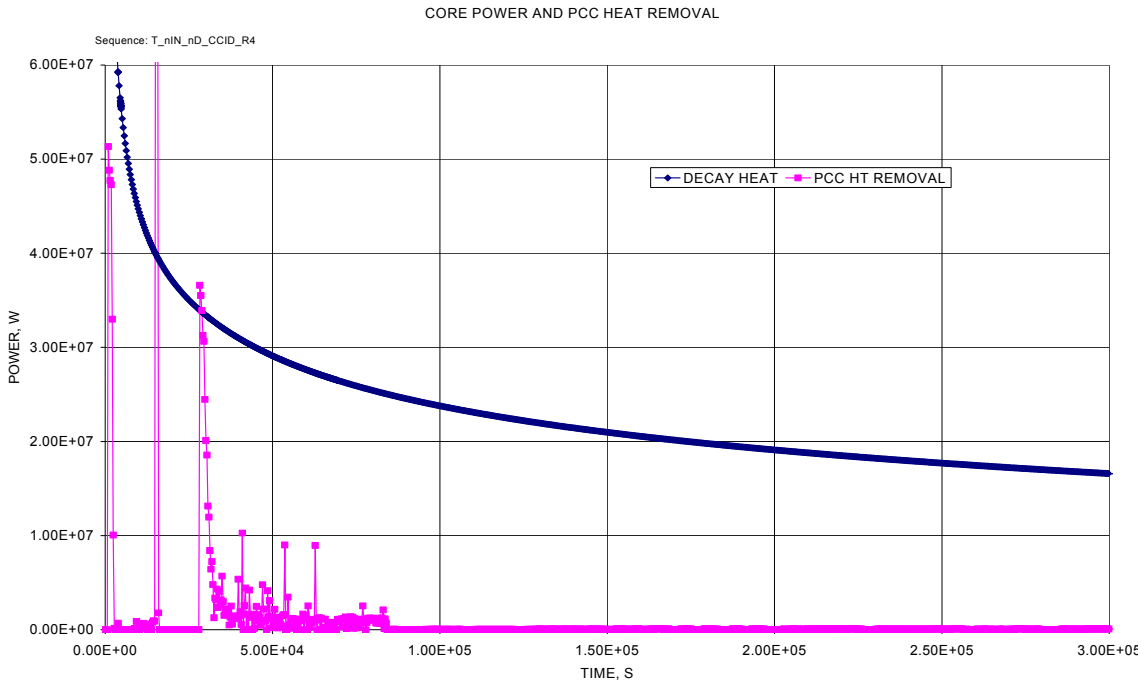

Figure 9A-5e. T_nIN_nD_CCID_R4 Core Power and PCCS Heat Removal

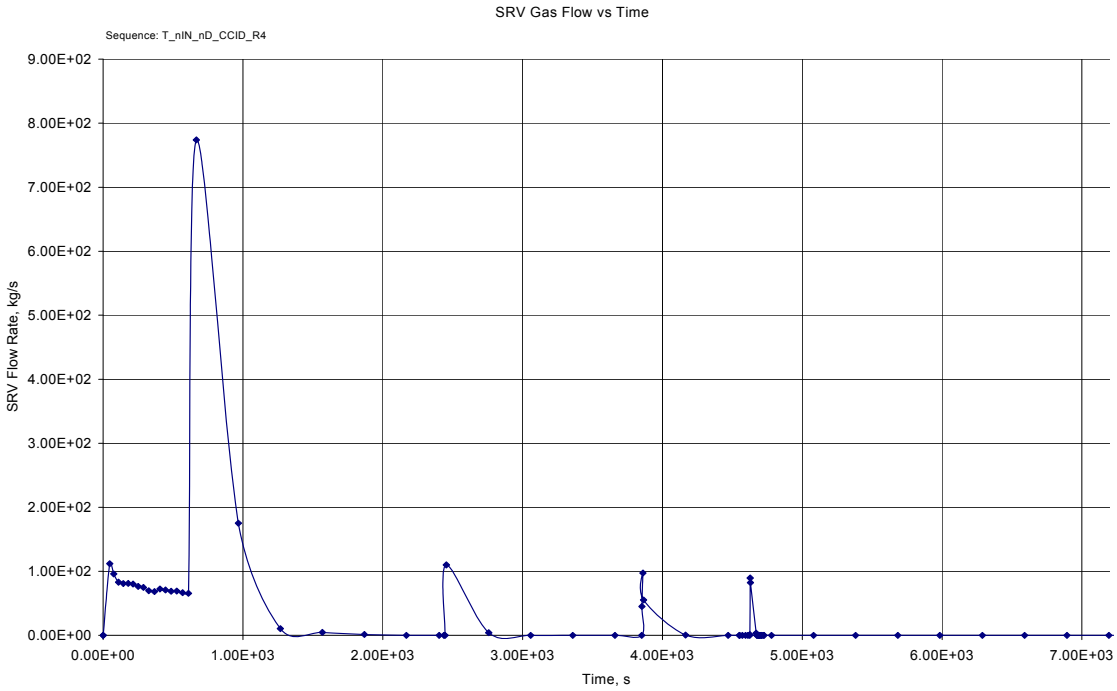

Figure 9A-5f. T_nIN_nD_CCID_R4 SRV Gas Flow vs Time

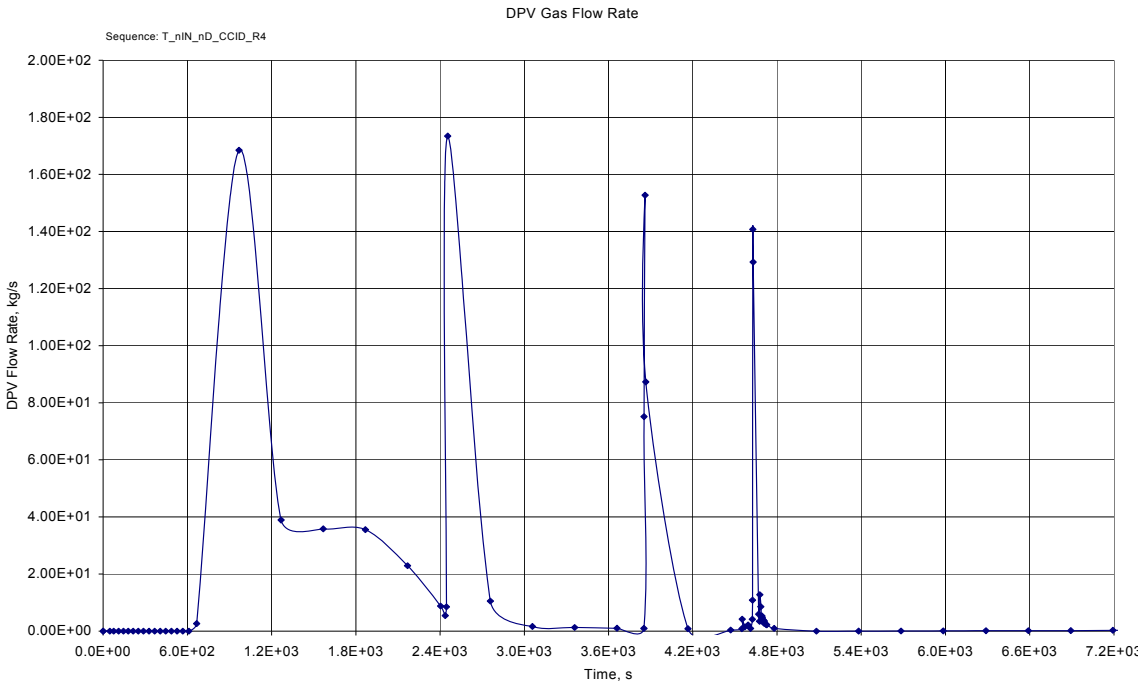

Figure 9A-5g. T_nIN_nD_CCID_R4 DPV Gas Flow Rate

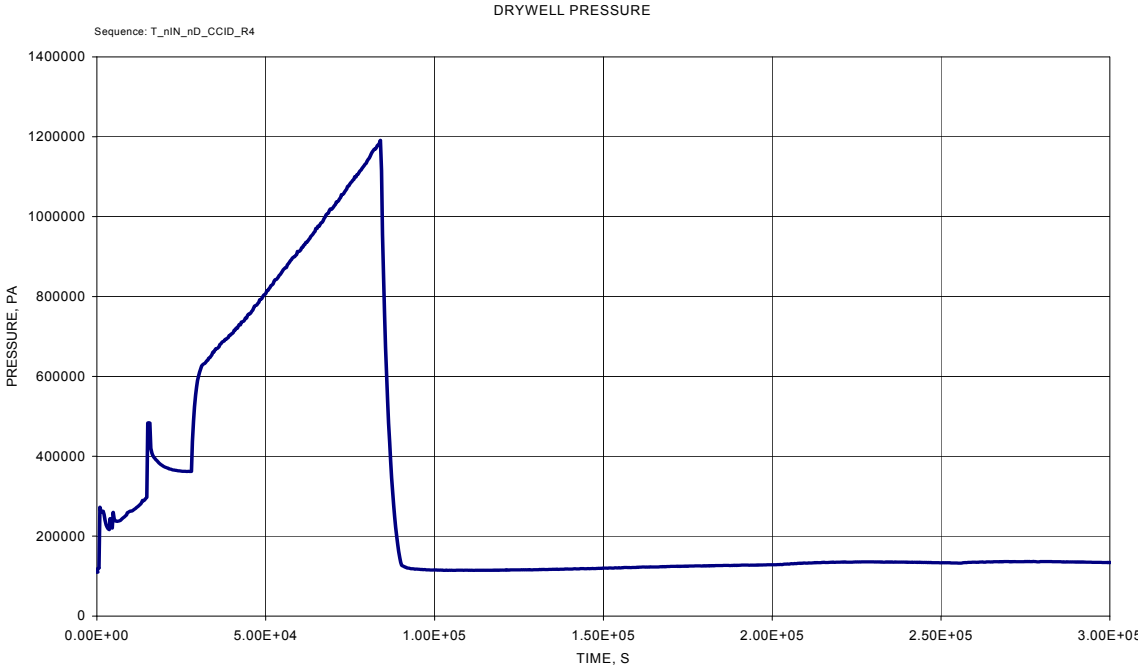

Figure 9A-5h. T_nIN_nD_CCID_R4 Drywell Pressure

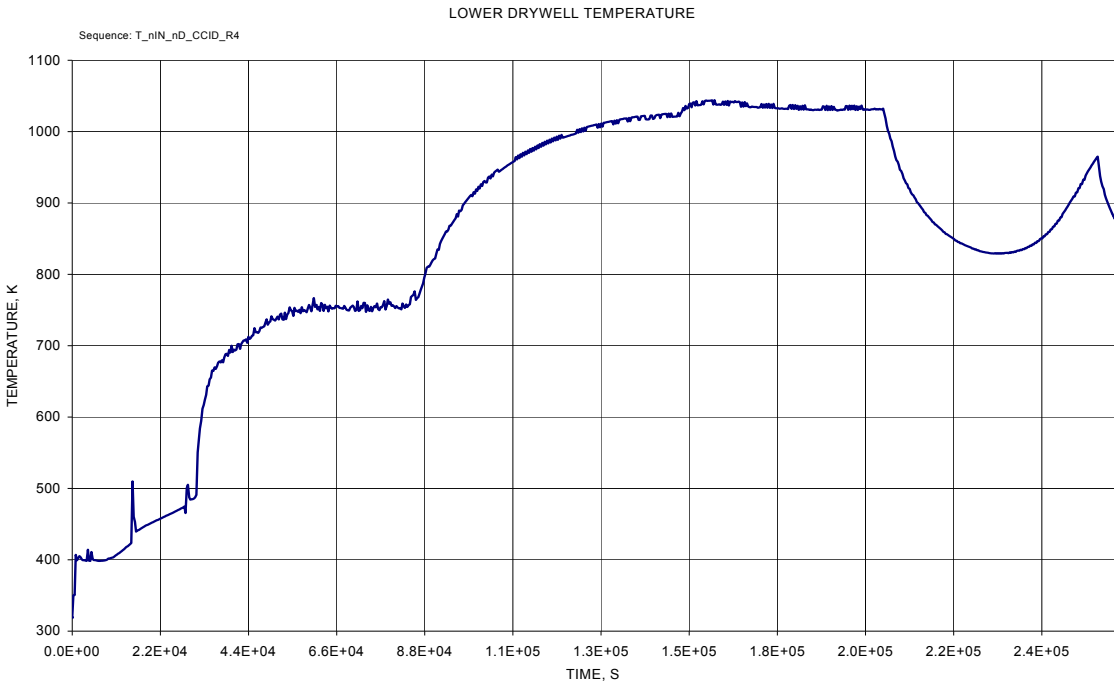

Figure 9A-5i. T_nIN_nD_CCID_R4 Lower Drywell Temperature

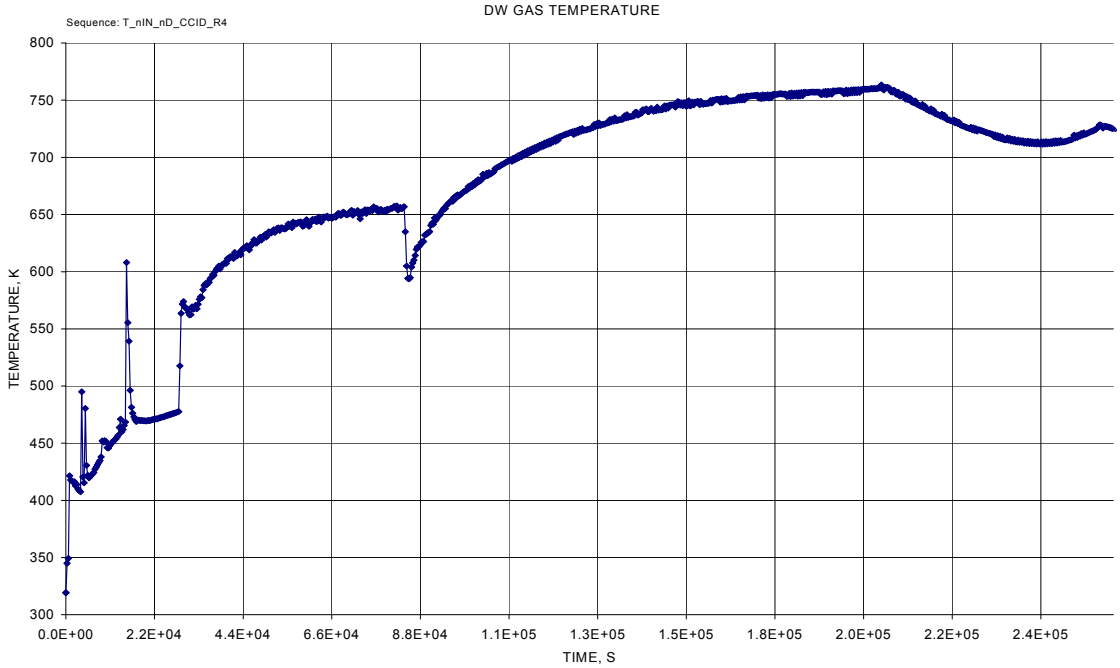

Figure 9A-5j. T_nIN_nD_CCID_R4 DW Gas Temperature

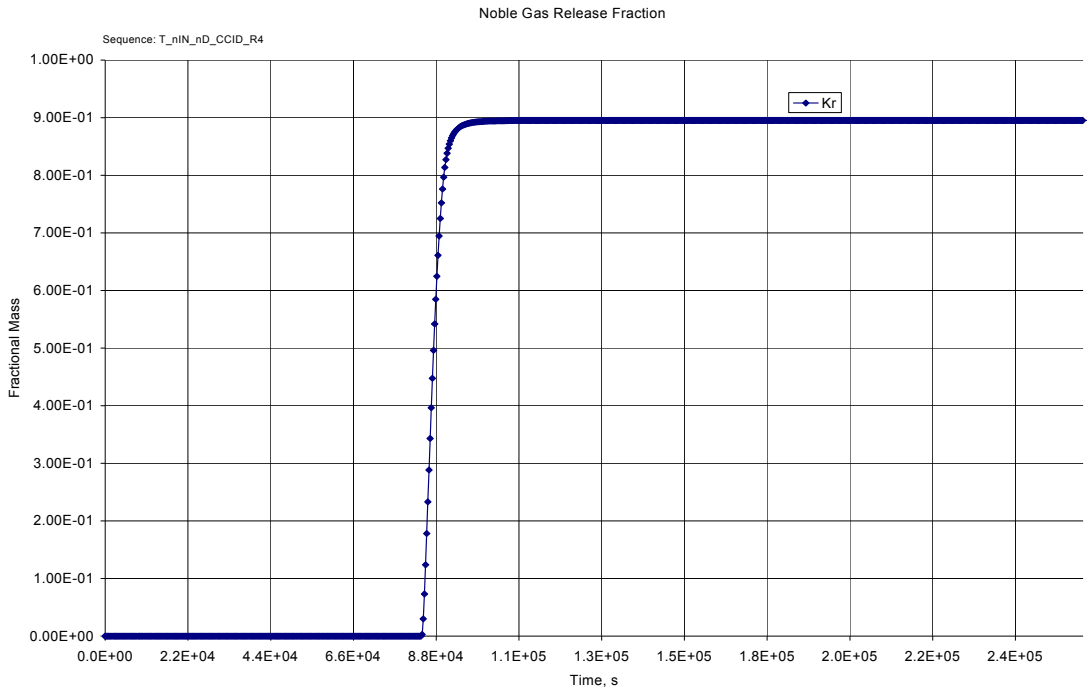

Figure 9A-5k. T_nIN_nD_CCID_R4 Noble Gas Release Fraction

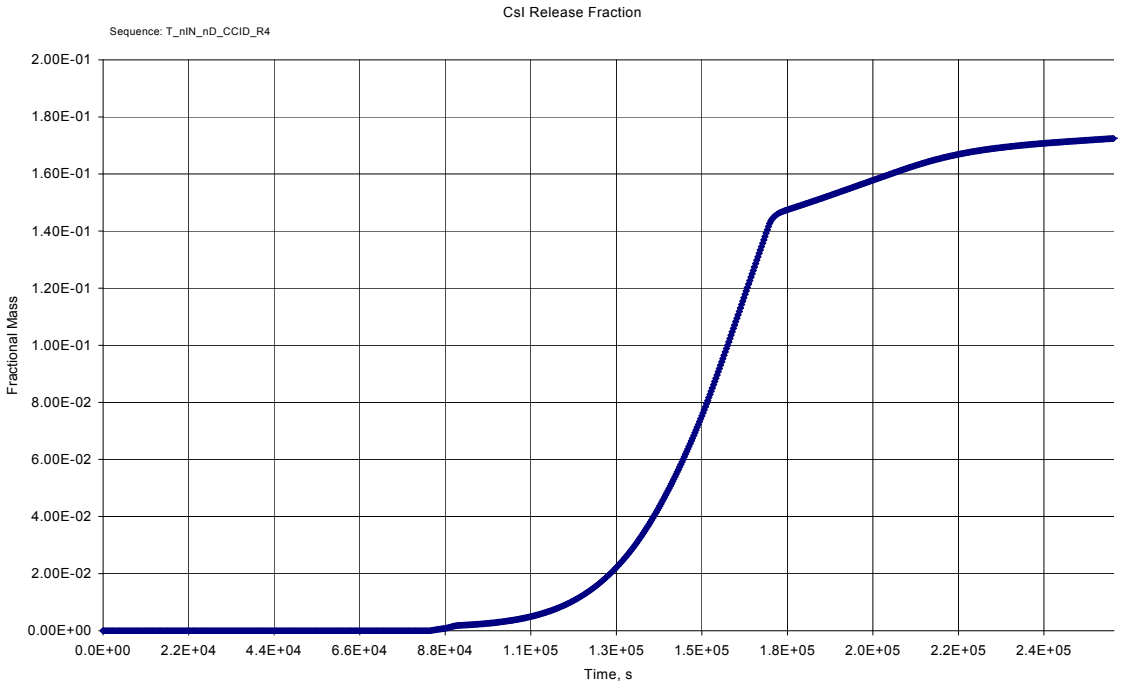

Figure 9A-5l. T_nIN_nD_CCID_R4 CsI Release Fraction

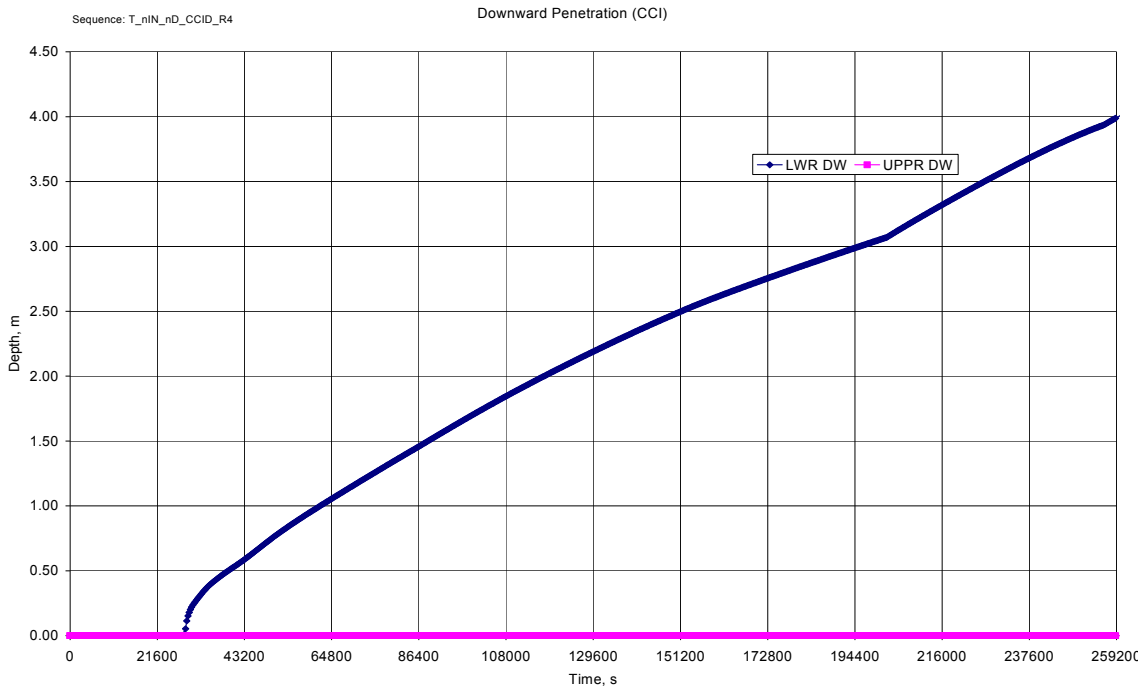

Figure 9A-5m. T_nIN_nD_CCID_R4 Downward Penetration

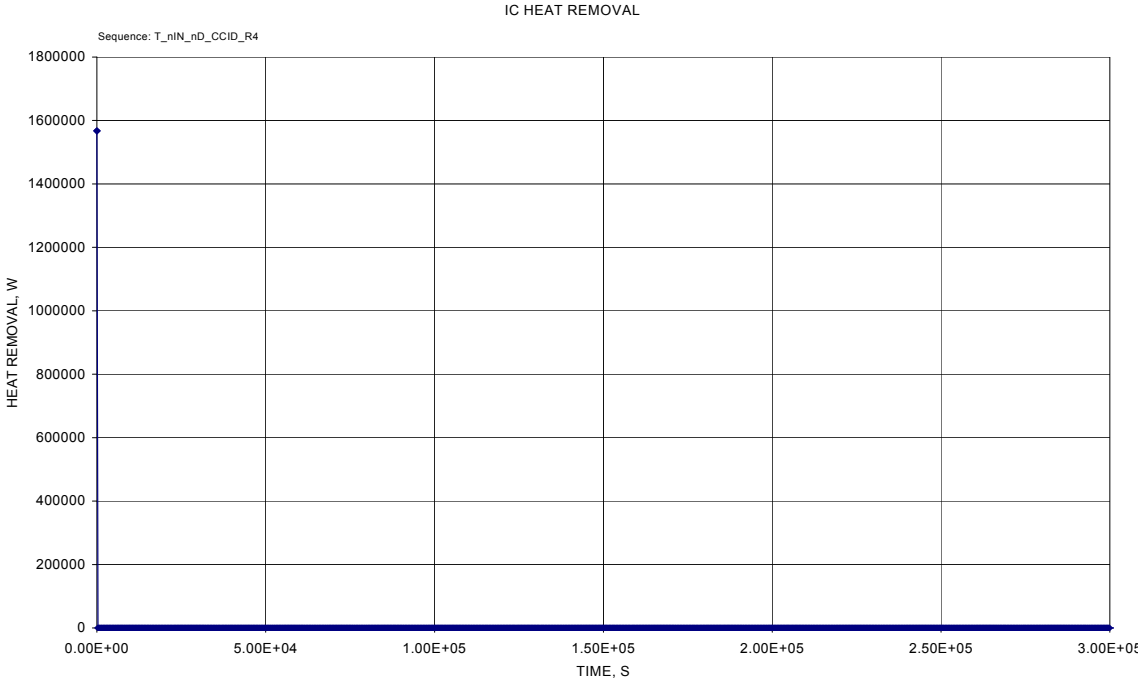

Figure 9A-5n. T_nIN_nD_CCID_R4 ICS Heat Removal

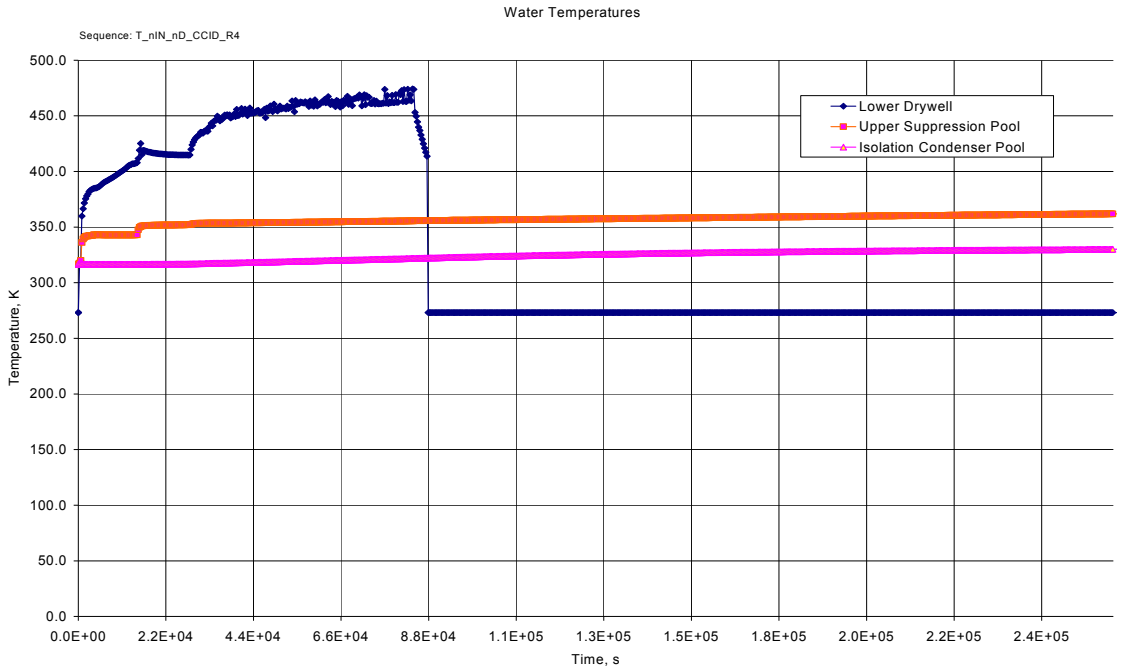

Figure 9A-5o. T_nIN_nD_CCID_R4 Water Temperatures

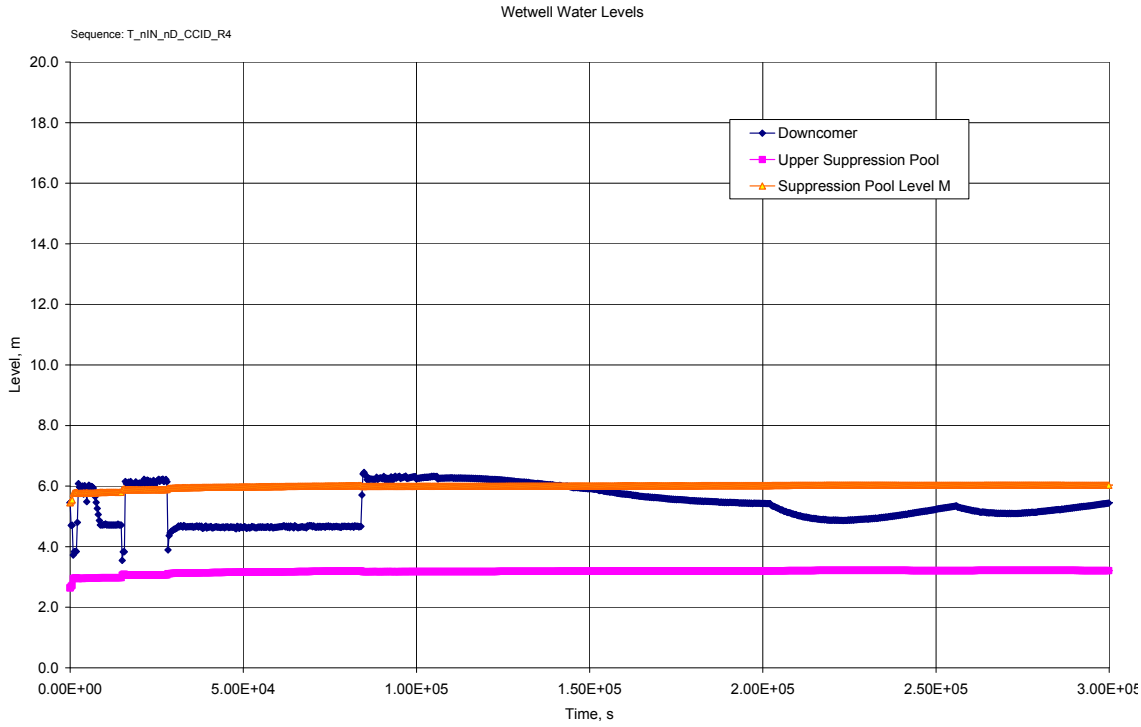

Figure 9A-5p. T_nIN_nD_CCID_R4 Wetwell Water Levels

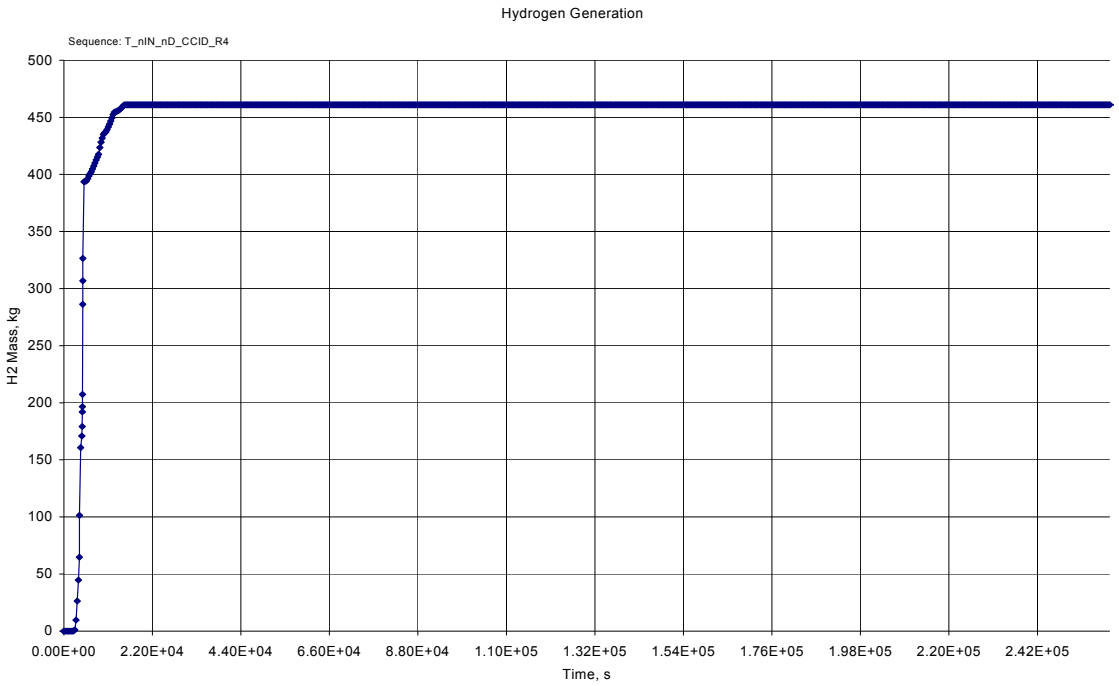

Figure 9A-5q. T_nIN_nD_CCID_R4 Hydrogen Generation

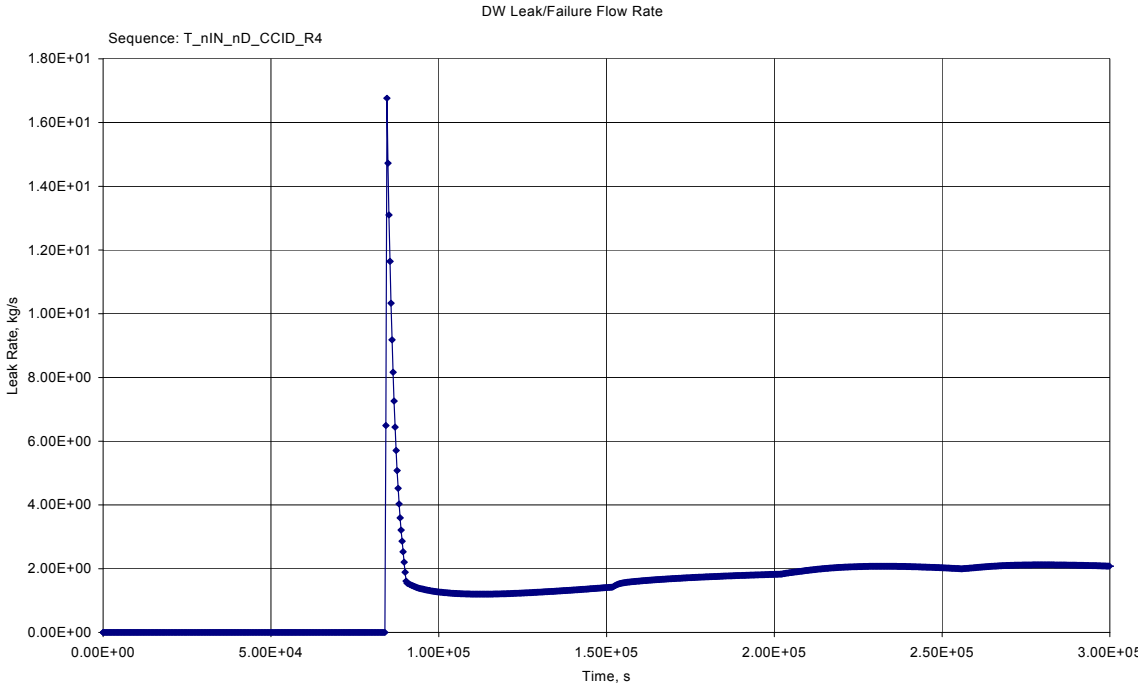

Figure 9A-5r. T_nIN_nD_CCID_R4 DW Leak/Failure Flow Rate

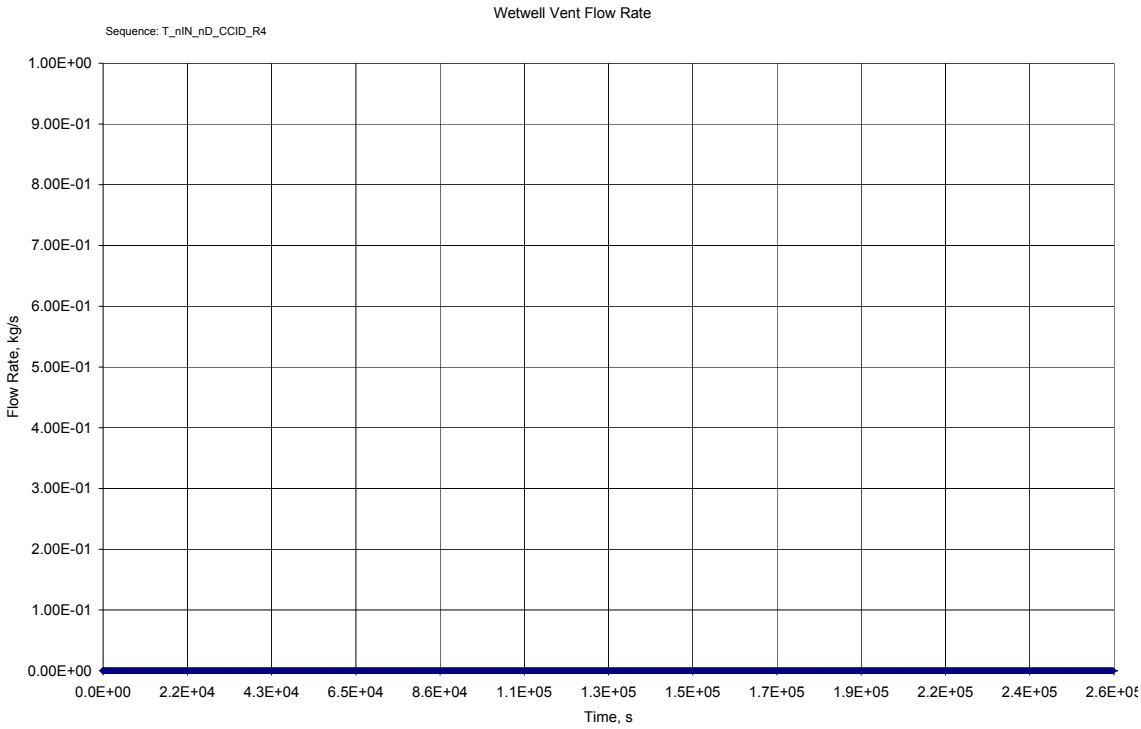

Figure 9A-5s. T_nIN_nD_CCID_R4 Wetwell Vent Flow Rate

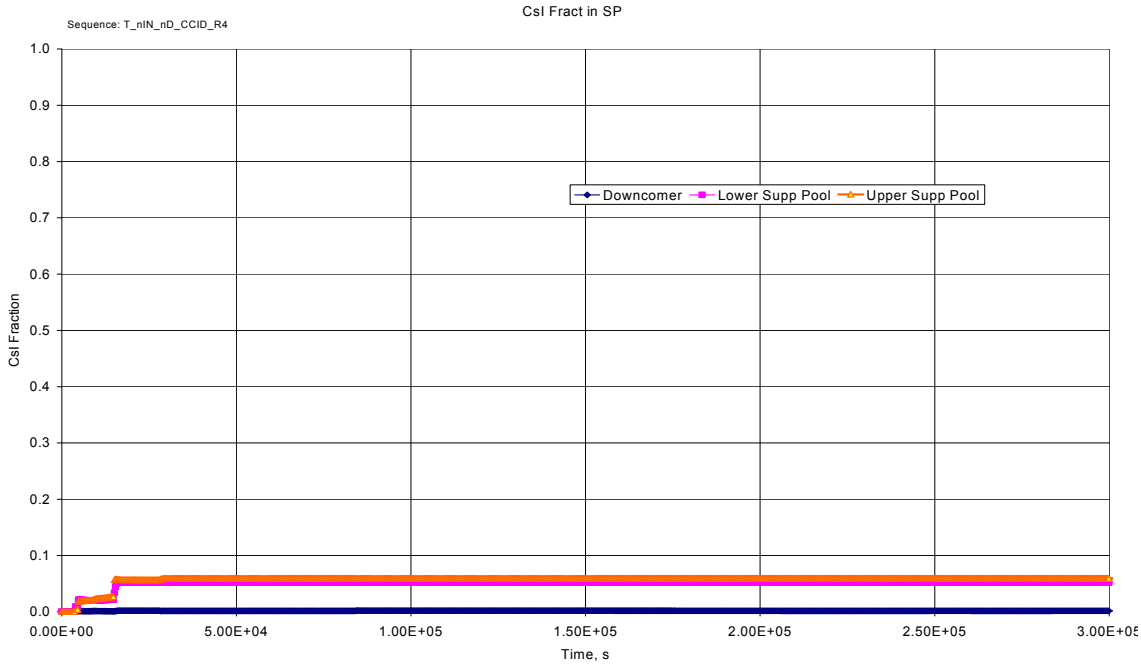

Figure 9A-5t. T_nIN_nD_CCID_R4 CsI Fract in SP

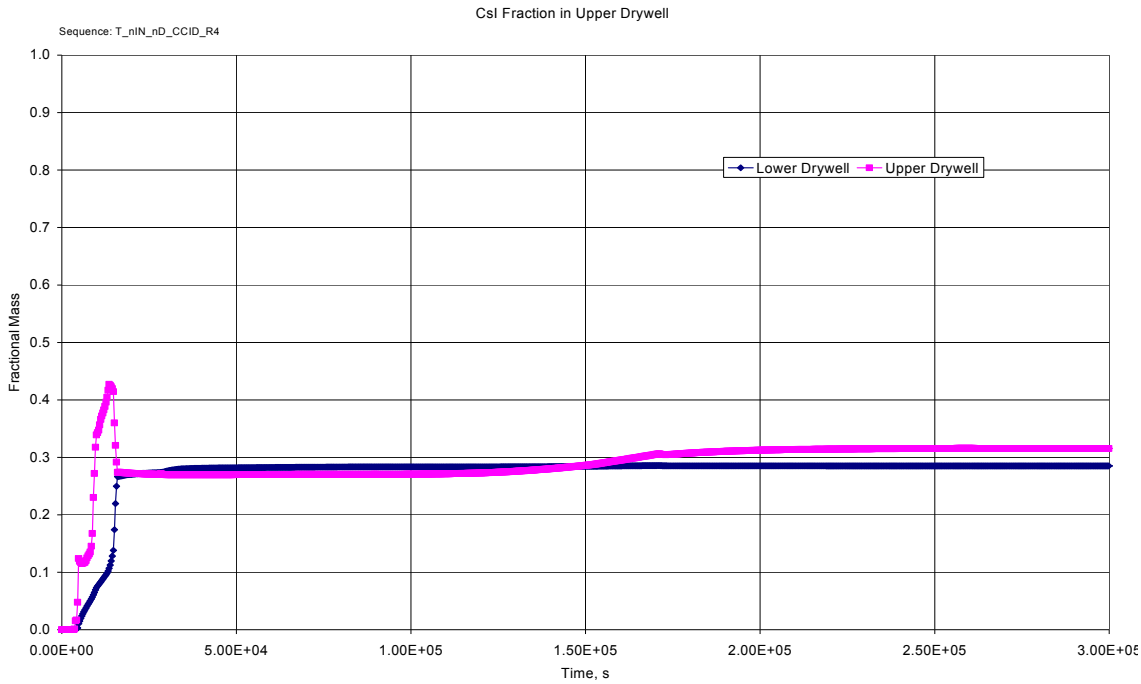

Figure 9A-5u. T_nIN_nD_CCID_R4 CsI Fraction in Upper Drywell

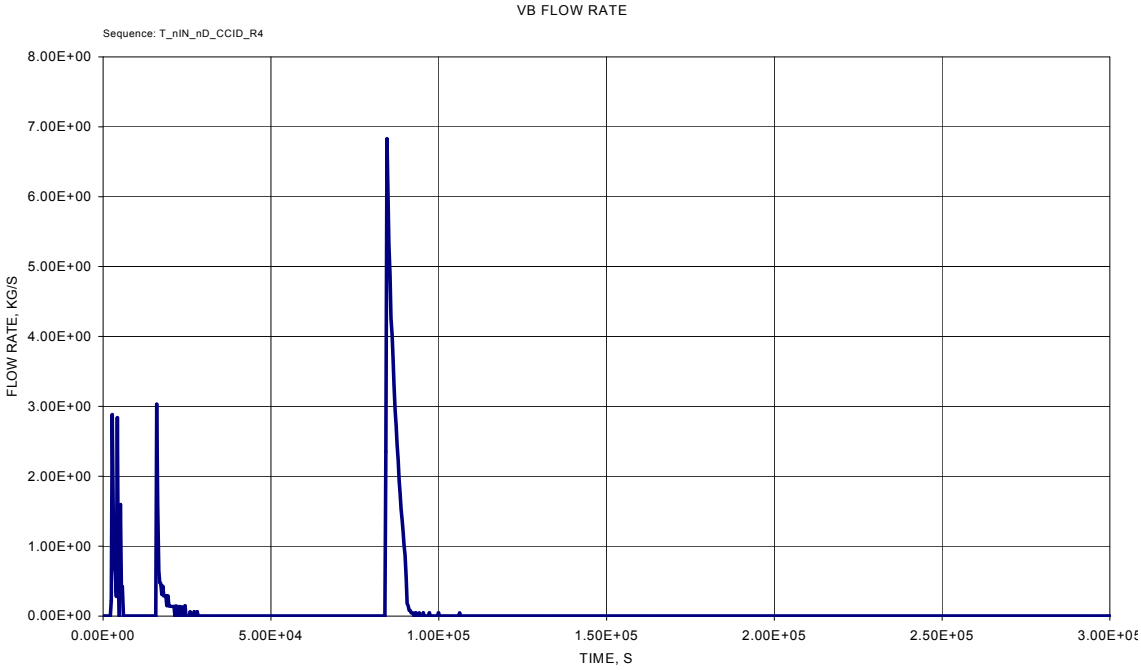

Figure 9A-5v. T_nIN_nD_CCID_R4 VB Flow Rate

9A.6 Core Concrete Interaction (Dry) – High Pressure T_nDP_nIN_nD_CCID_R4

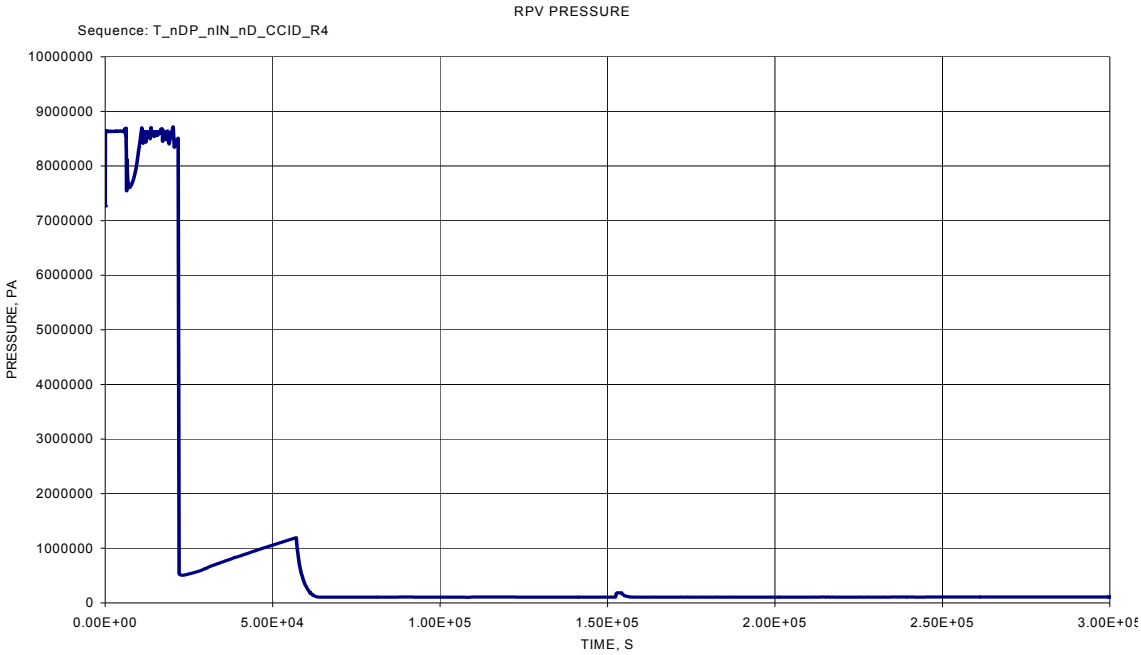

Figure 9A-6a. T_nDP_nIN_nD_CCID_R4 RPV Pressure

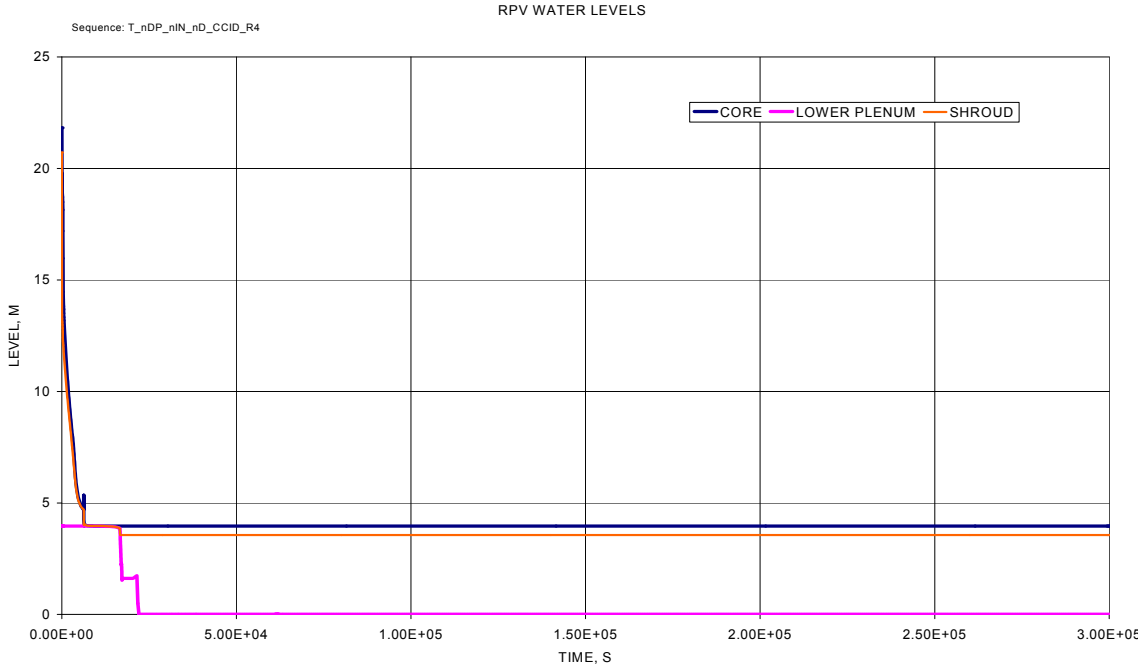

Figure 9A-6b. T_nDP_nIN_nD_CCID_R4 RPV Water Levels

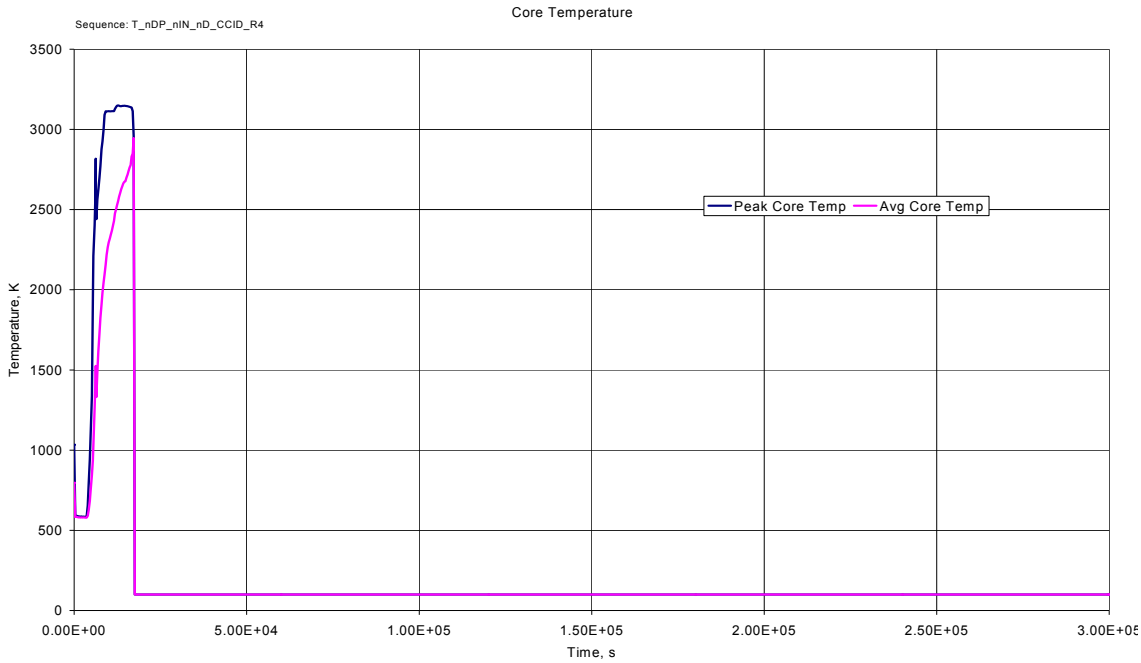

Figure 9A-6c. T_nDP_nIN_nD_CCID_R4 Core Temperature

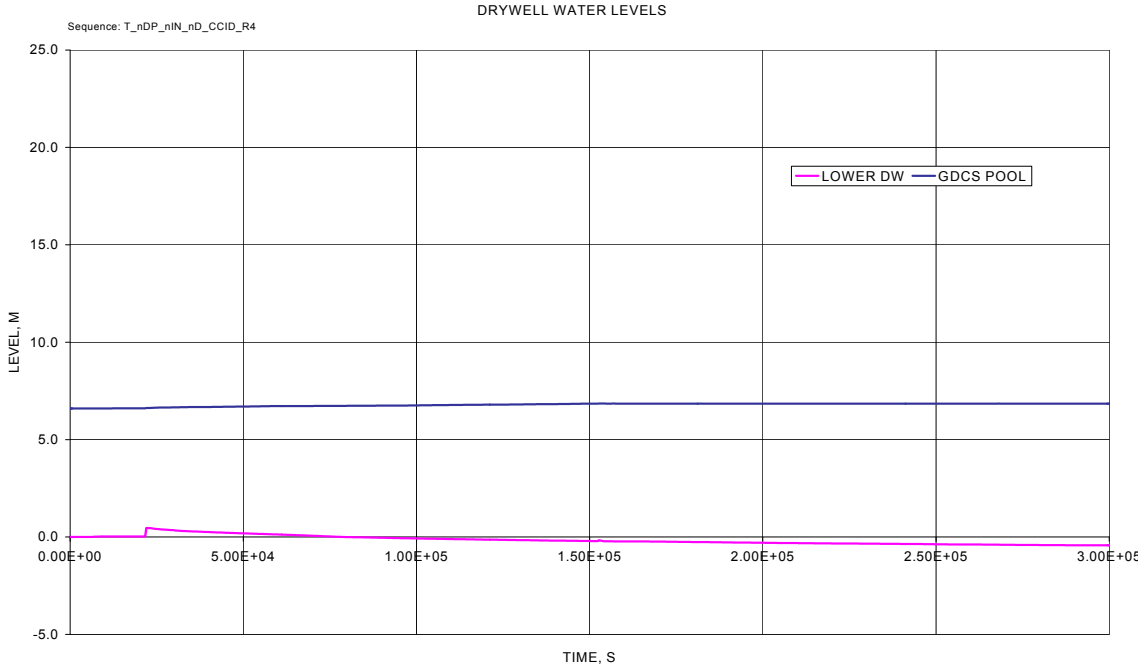

Figure 9A-6d. T_nDP_nIN_nD_CCID_R4 Drywell Water Levels

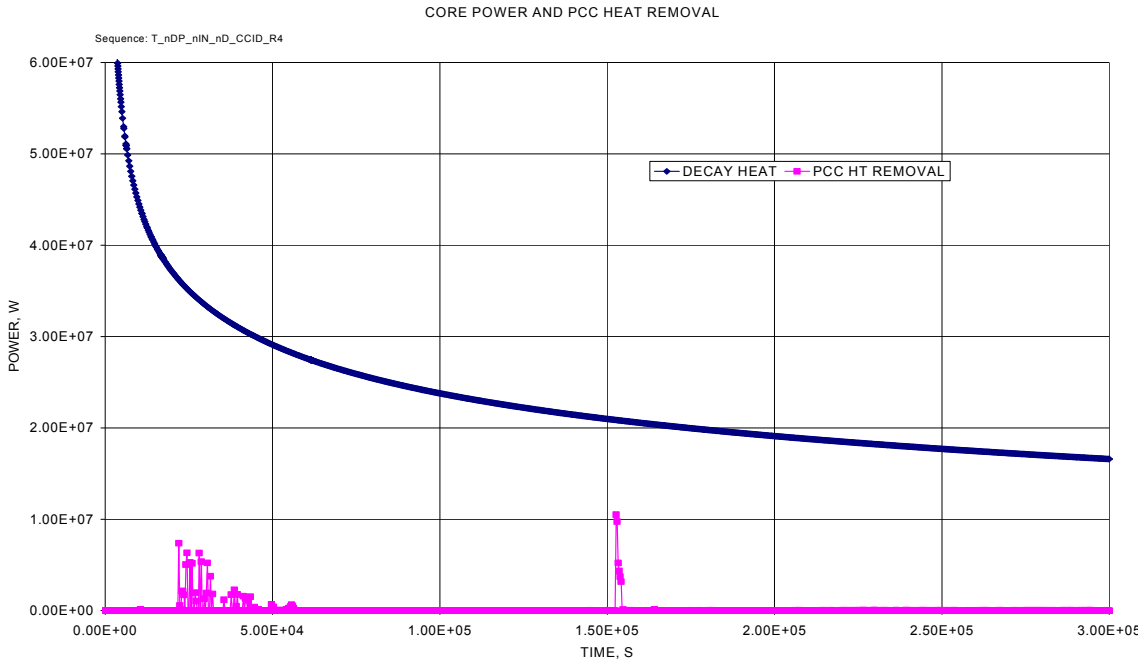

Figure 9A-6e. T_nDP_nIN_nD_CCID_R4 Core Power and PCC Heat Removal

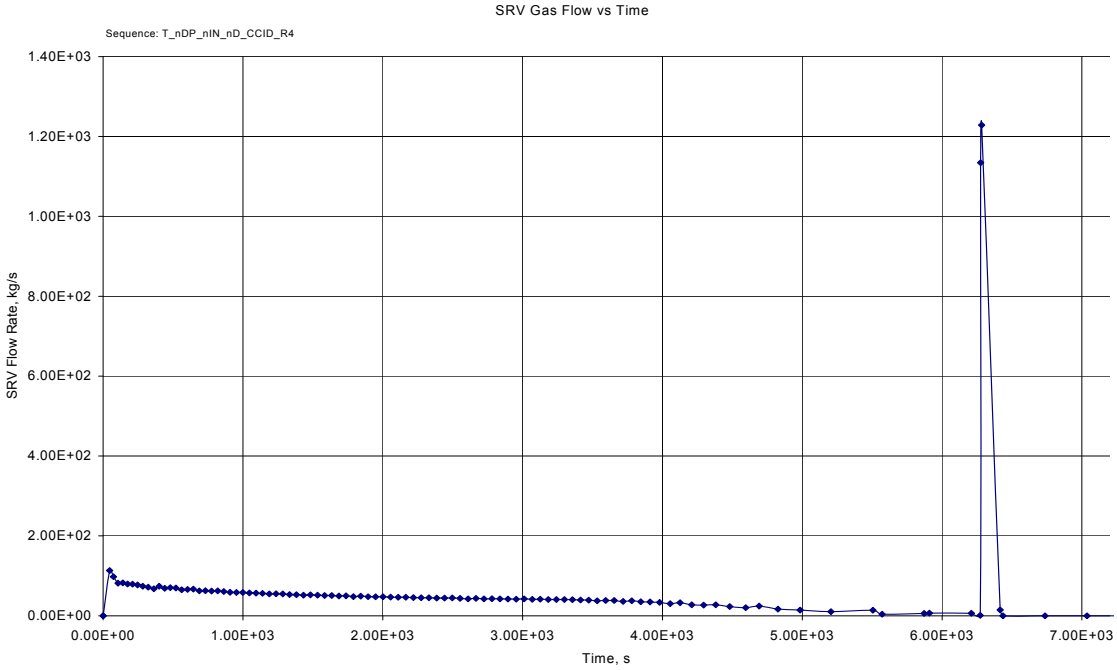

Figure 9A-6f. T_nDP_nIN_nD_CCID_R4 SRV Gas Flow vs Time

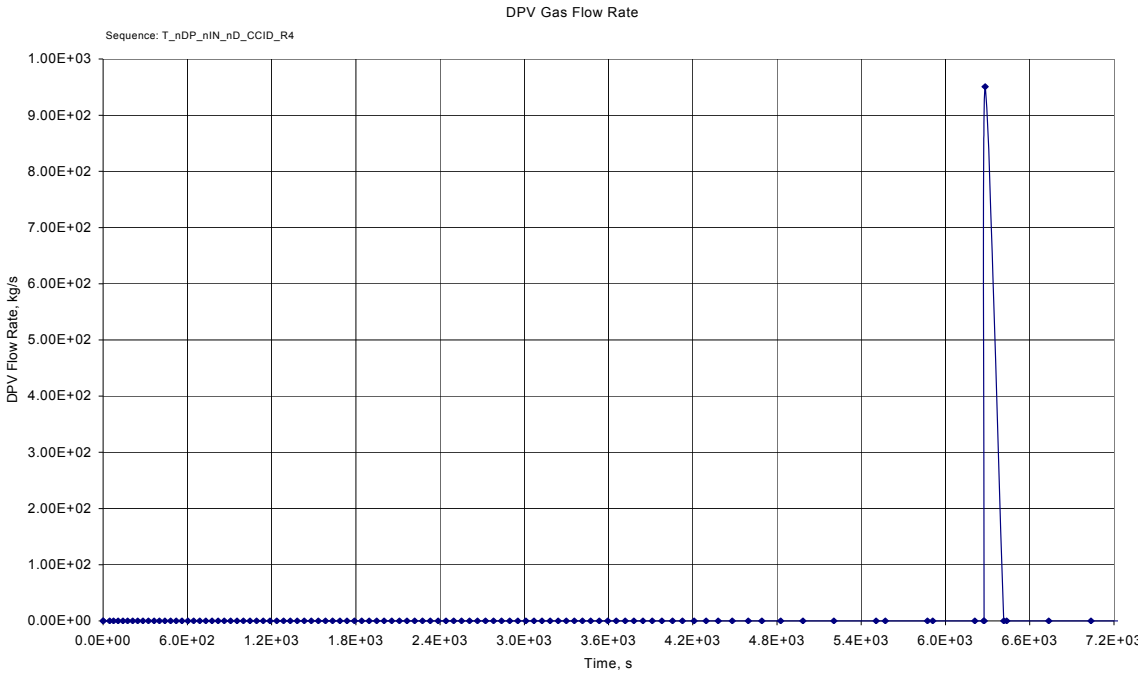

Figure 9A-6g. T_nDP_nIN_nD_CCID_R4 DPV Flow Rate

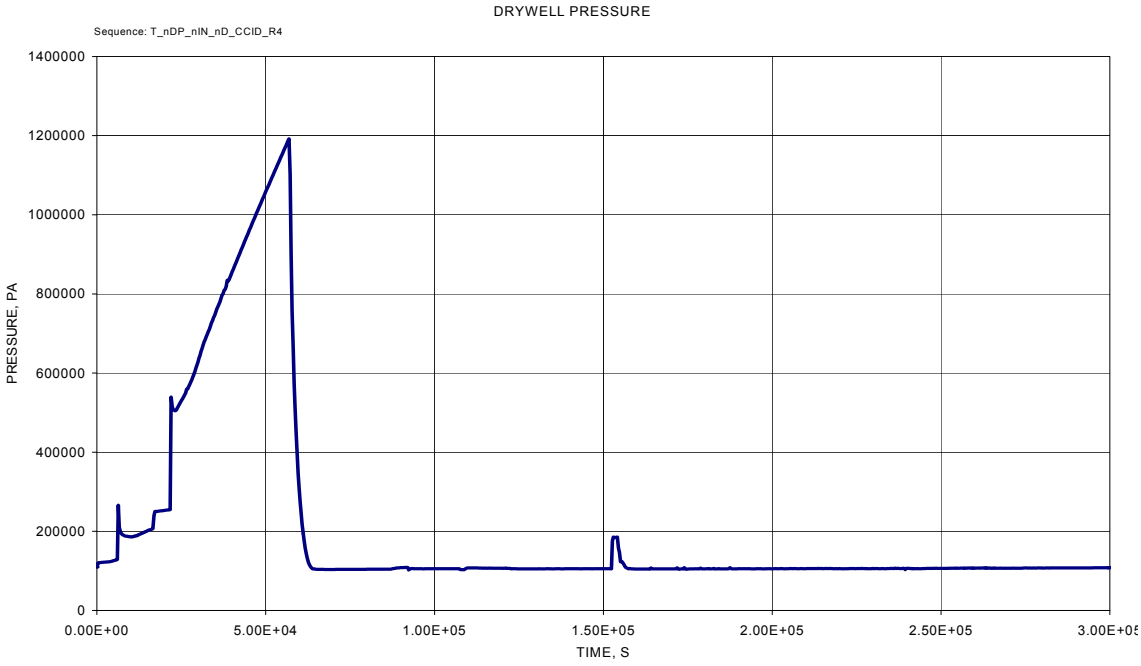

Figure 9A-6h. T_nDP_nIN_nD_CCID_R4 Drywell Pressure

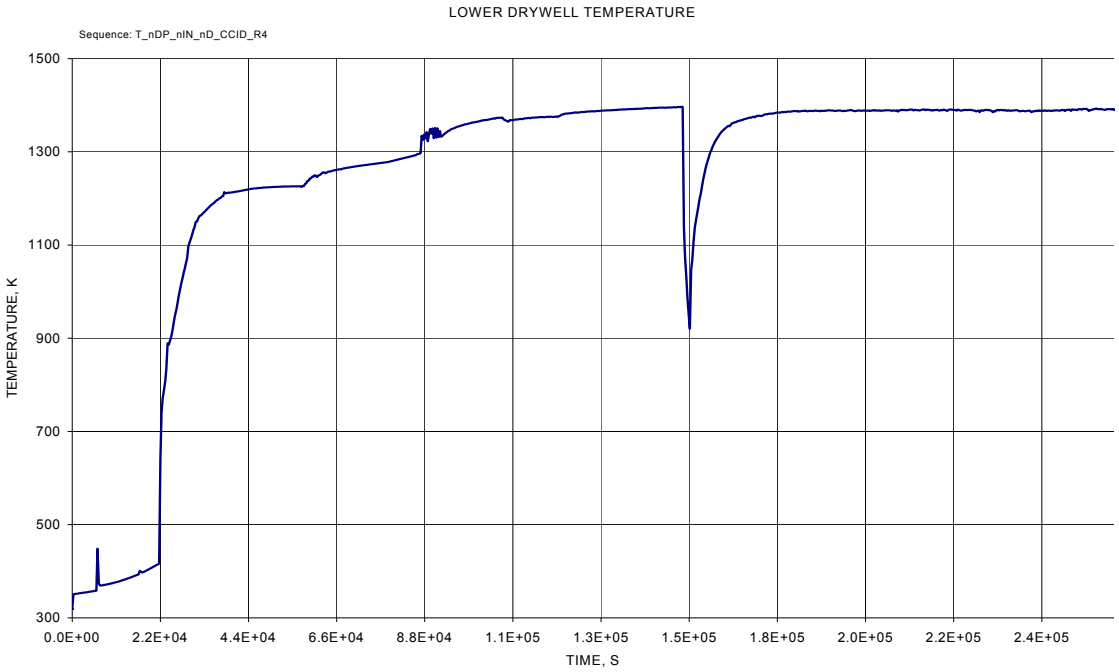

Figure 9A-6i. T_nDP_nIN_nD_CCID_R4 Lower Drywell Temperature

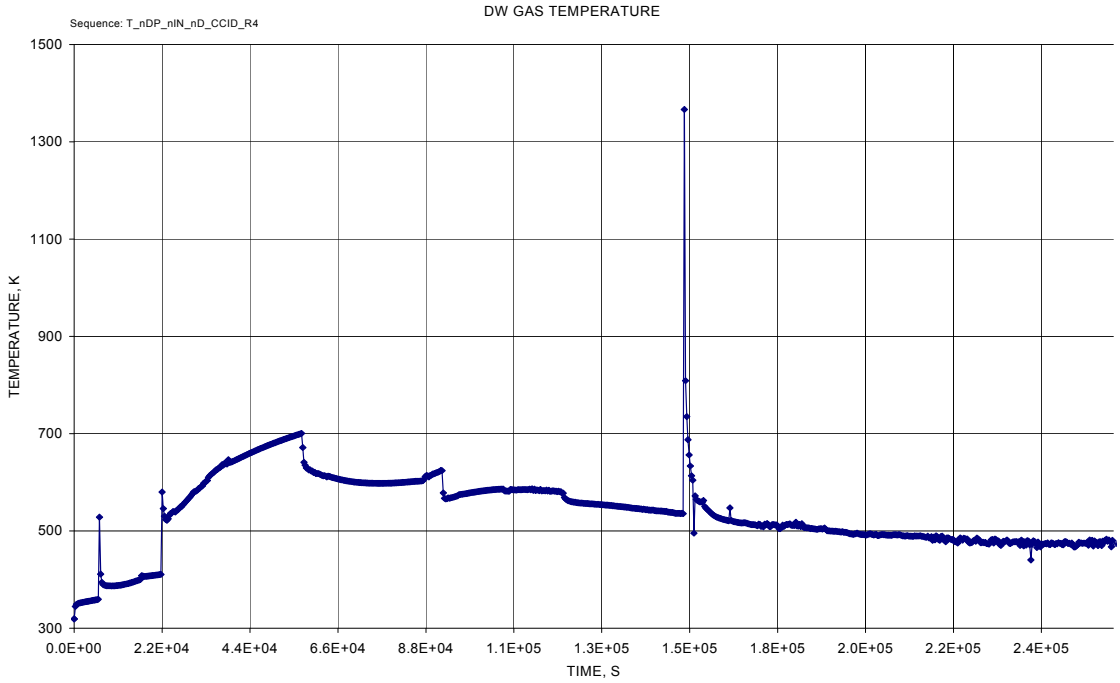

Figure 9A-6j. T_nDP_nIN_nD_CCID_R4 DW Gas Temperature

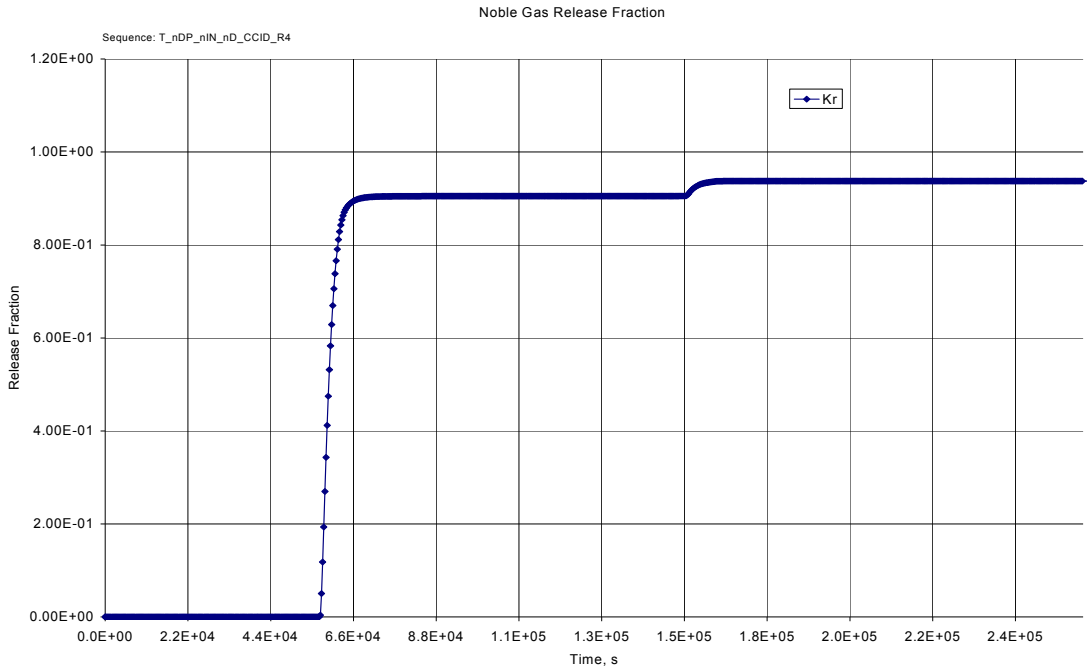

Figure 9A-6k. T_nDP_nIN_nD_CCID_R4 Noble Gas Release Fraction

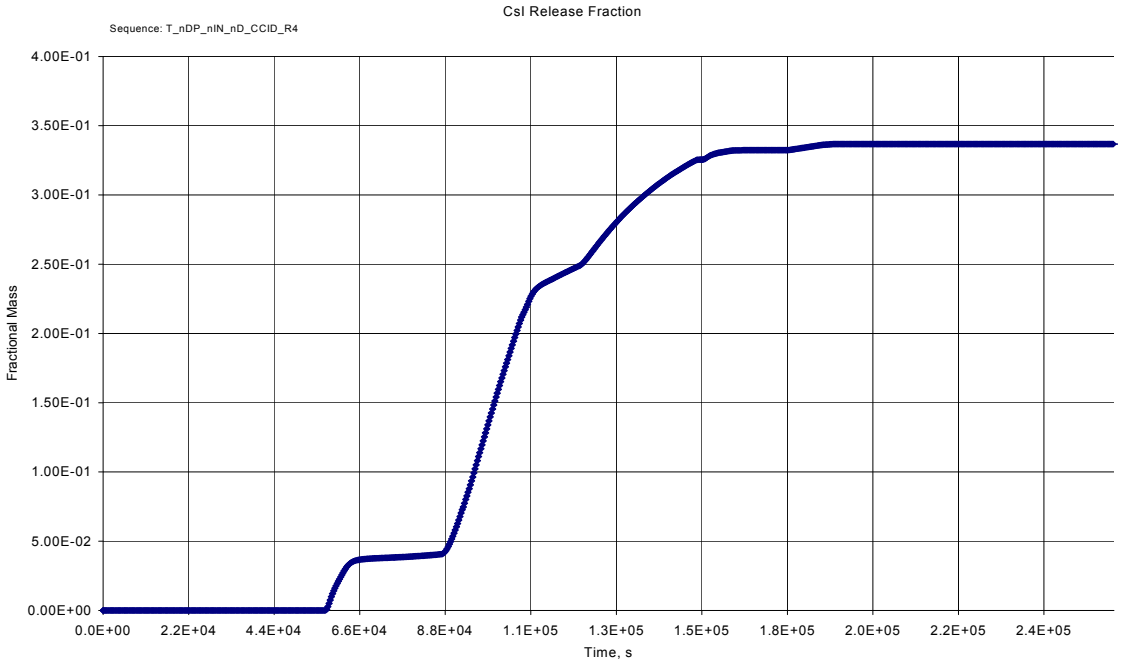

Figure 9A-6l. T_nDP_nIN_nD_CCID_R4 CsI Release Fraction

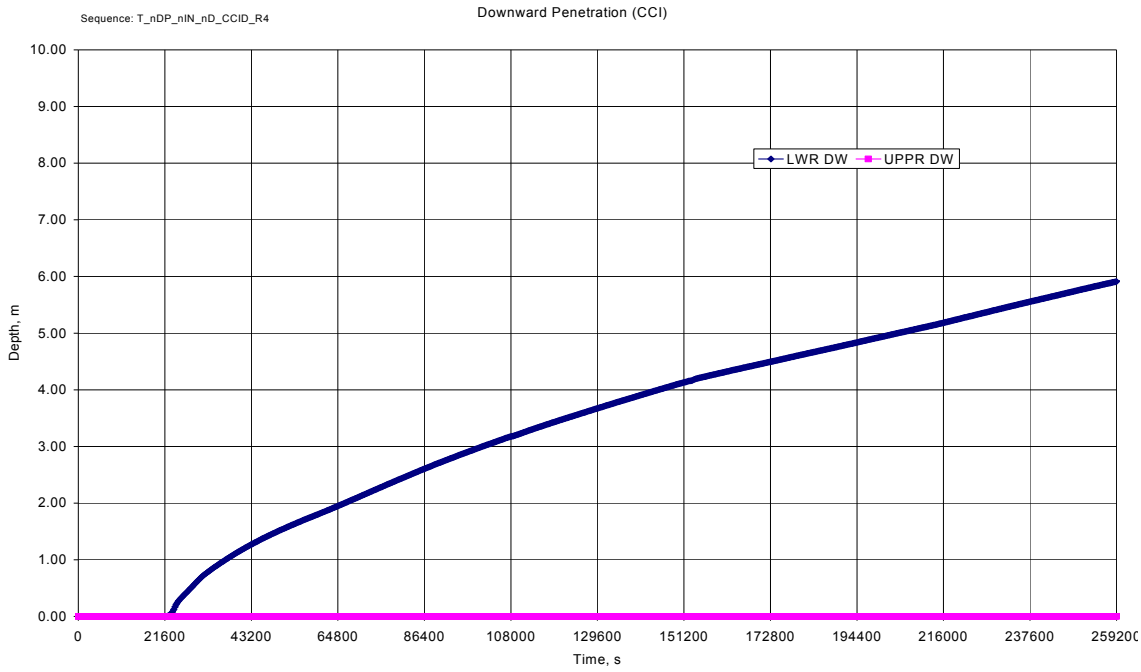

Figure 9A-6m. T_nDP_nIN_nD_CCID_R4 Downward Penetration (CCI)

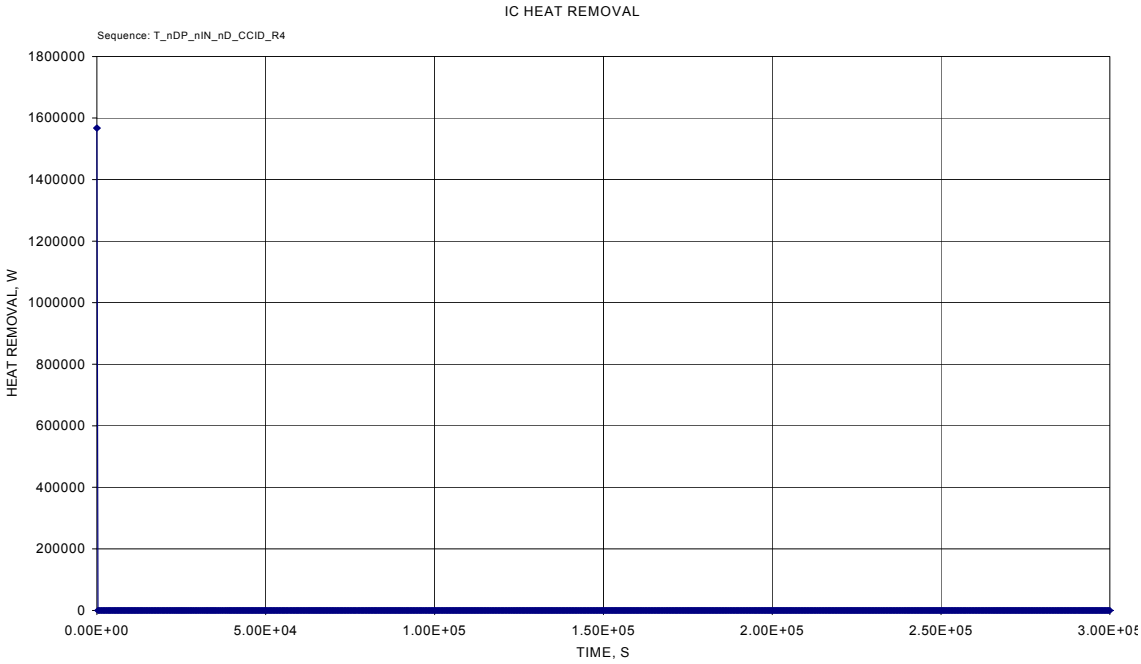

Figure 9A-6n. T_nDP_nIN_nD_CCID_R4 ICS Heat Removal

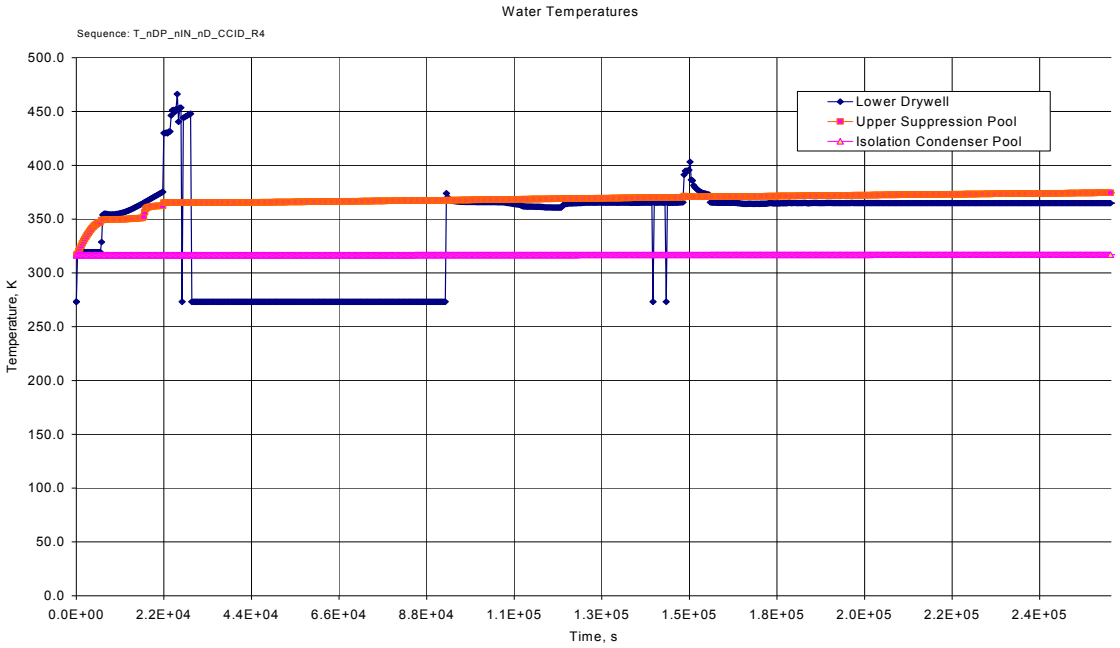

Figure 9A-6o. T_nDP_nIN_nD_CCID_R4 Water Temperatures

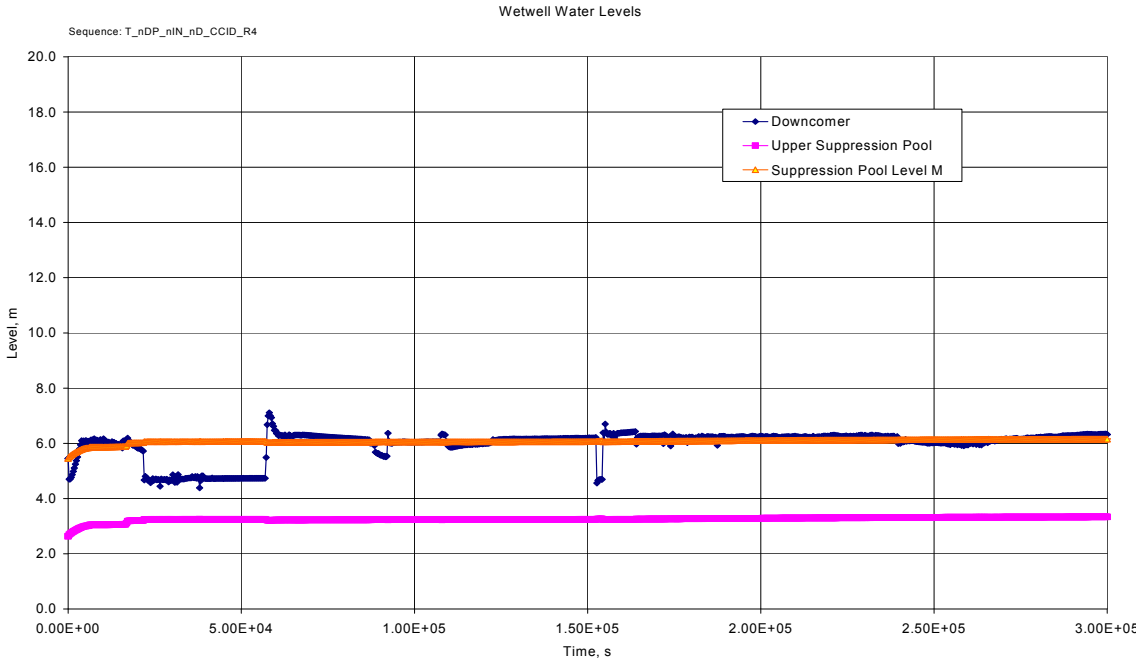

Figure 9A-6p. T_nDP_nIN_nD_CCID_R4 Wetwell Water Levels

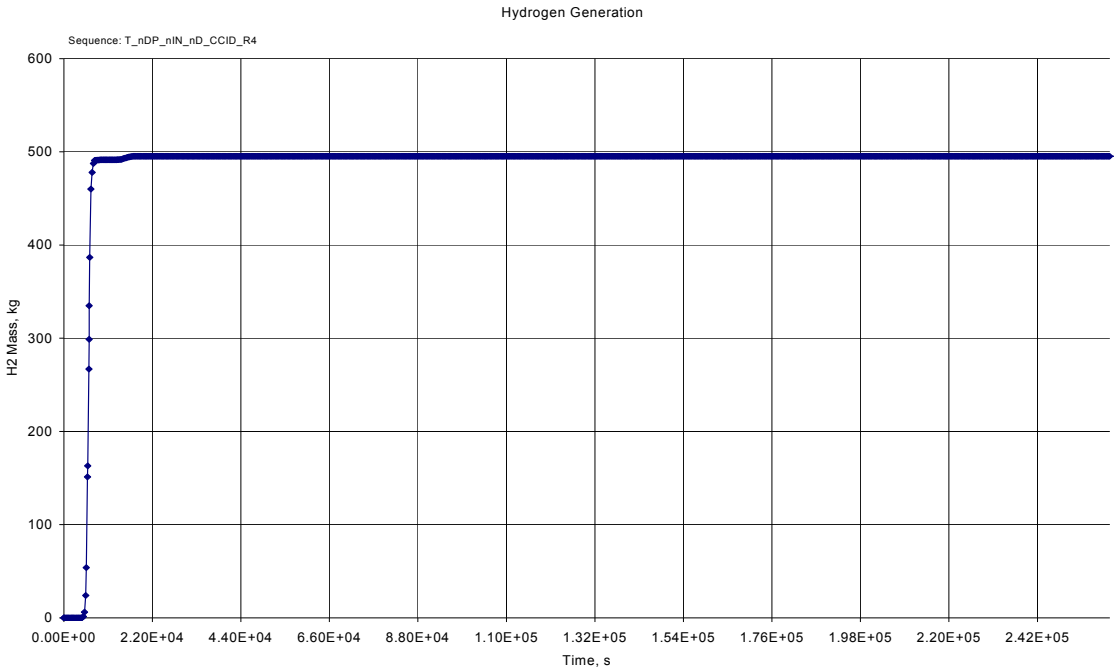

Figure 9A-6q. T_nDP_nIN_nD_CCID_R4 Hydrogen Generation

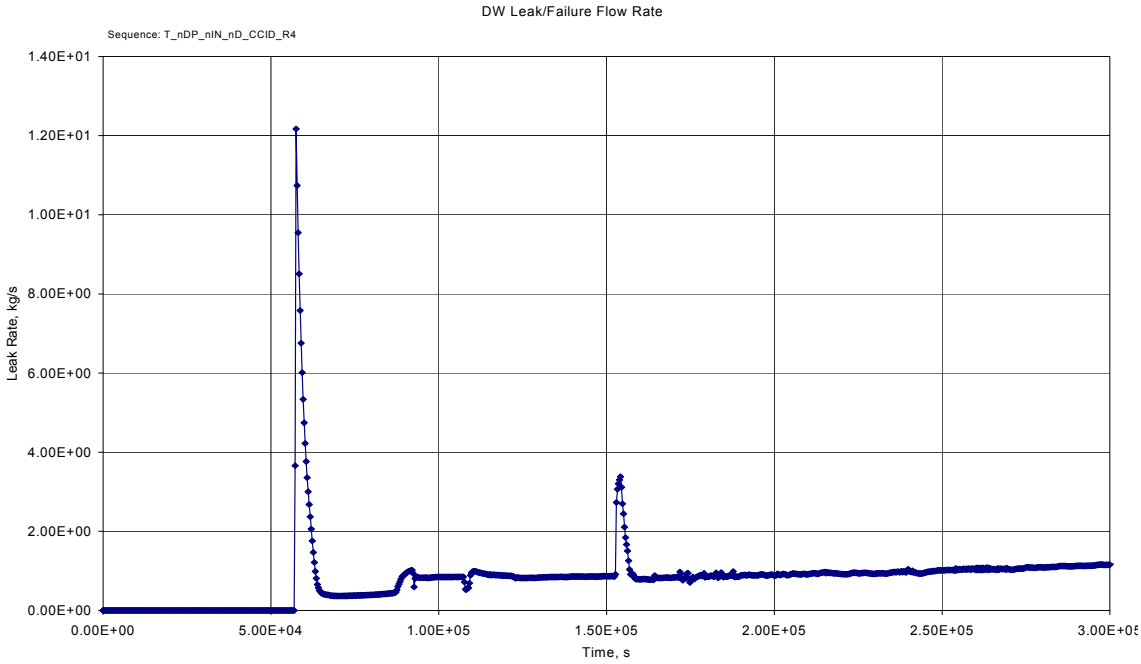

Figure 9A-6r. T_nDP_nIN_nD_CCID_R4 DW Leak/Failure Flow Rate

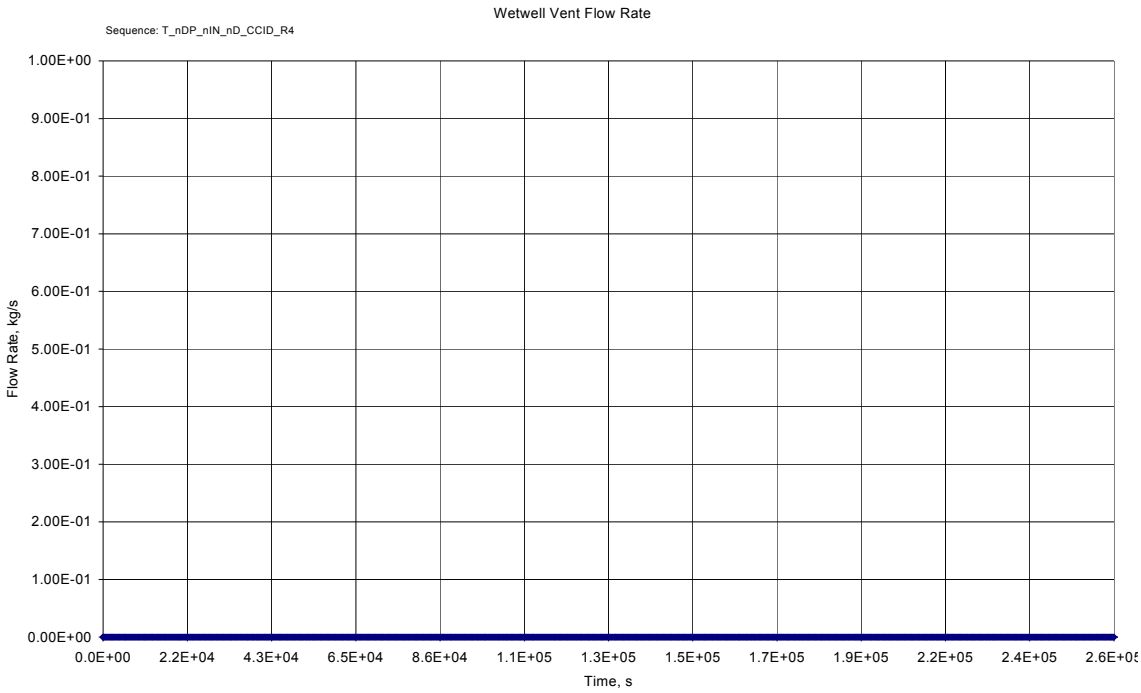

Figure 9A-6s. T_nDP_nIN_nD_CCID_R4 Wetwell Vent Flow Rate

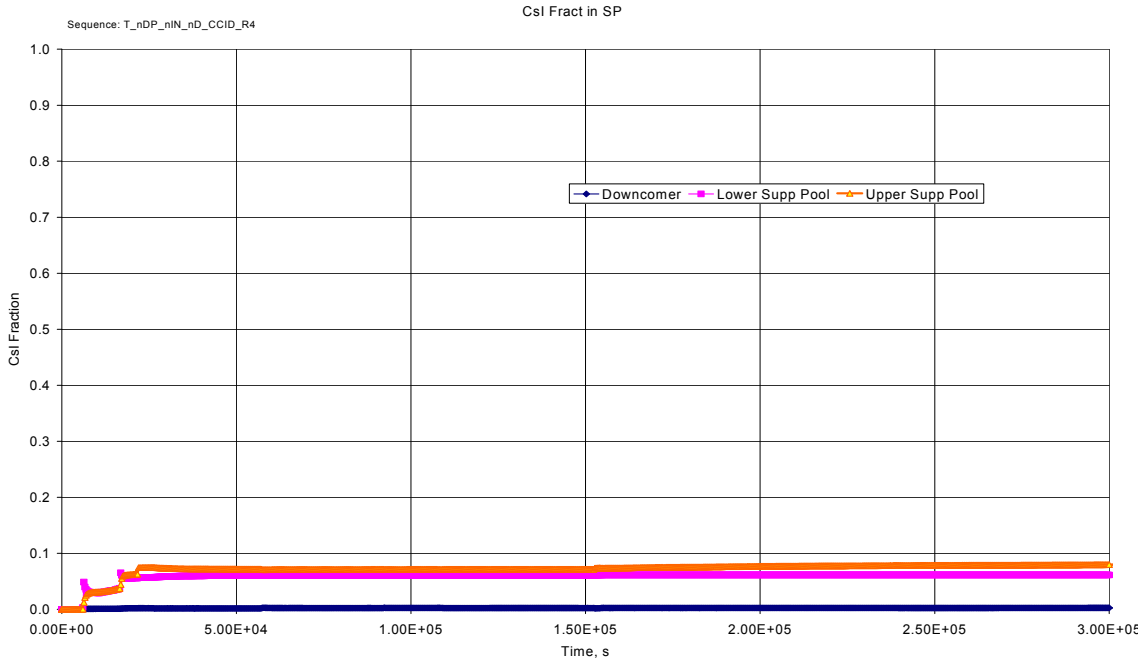

Figure 9A-6t. T_nDP_nIN_nD_CCID_R4 CsI Fract in SP

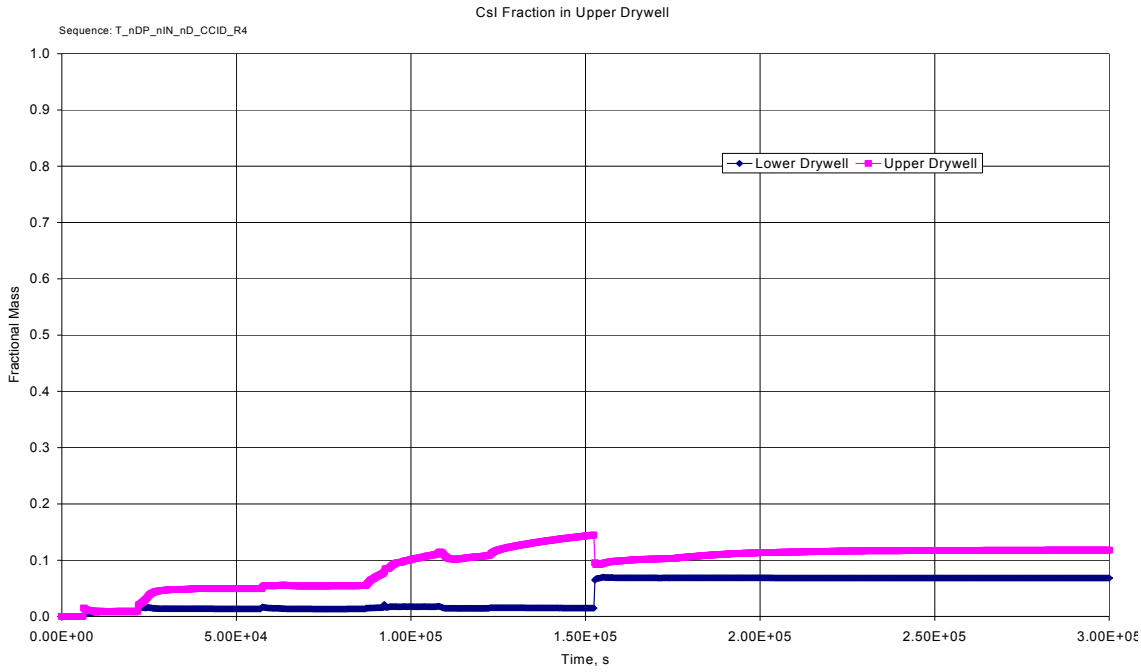

Figure 9A-6u. T_nDP_nIN_nD_CCID_R4 CsI Fraction in Upper Drywell

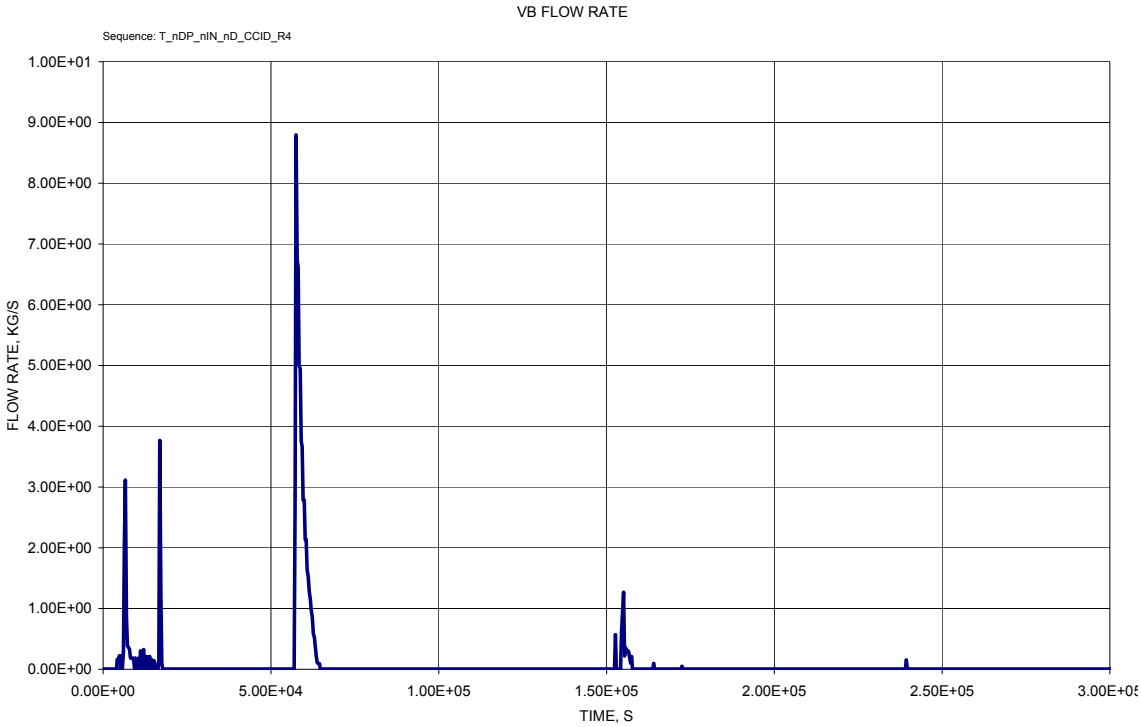

Figure 9A-6v. T_nDP_nIN_nD_CCID_R4 VB Flow Rate

9A.7 Core Concrete Interaction (Wet) – Low Pressure T_nIN_CCIW_R4

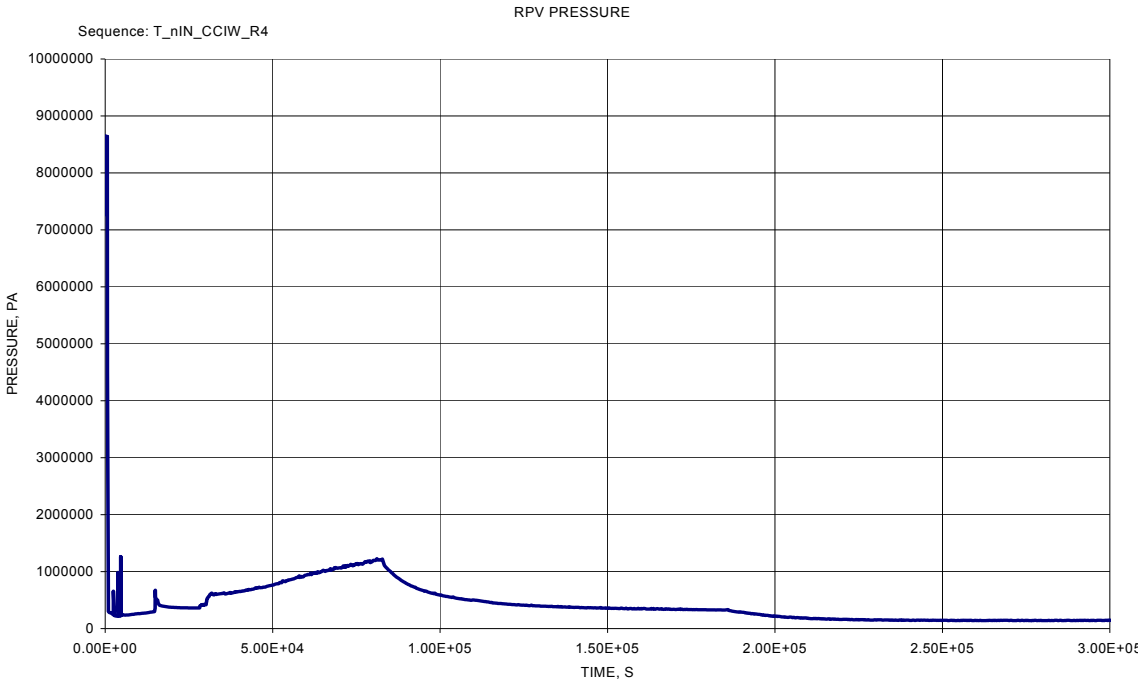

Figure 9A-7a. T_nIN_CCIW_R4 RPV Pressure

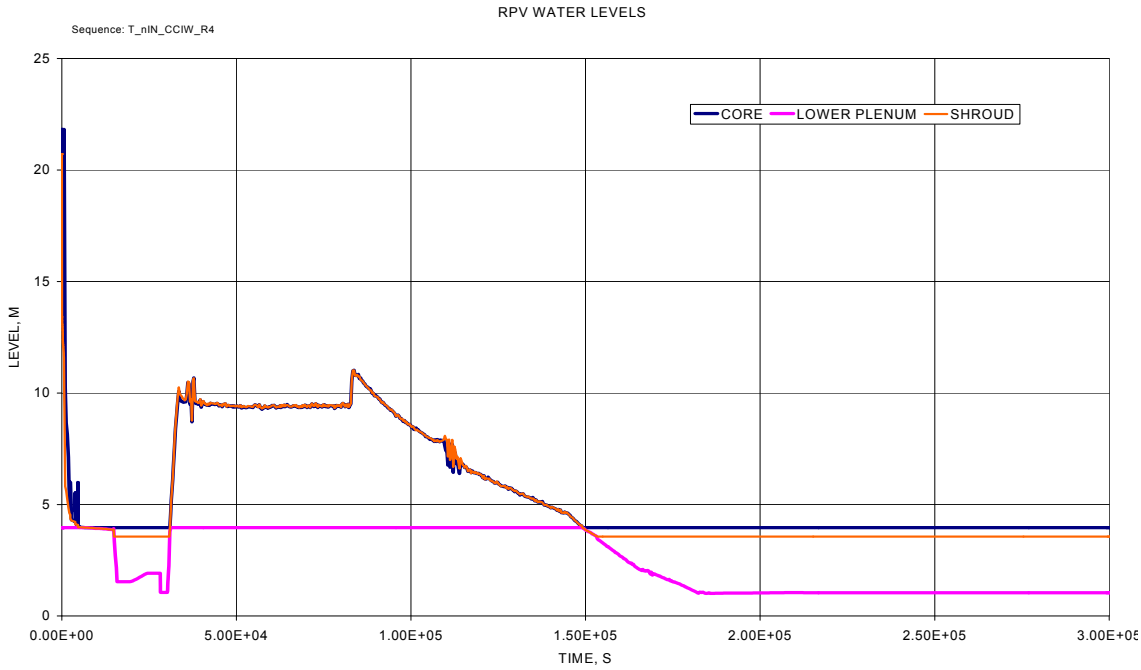

Figure 9A-7b. T_nIN_CCIW_R4 RPV Water Level

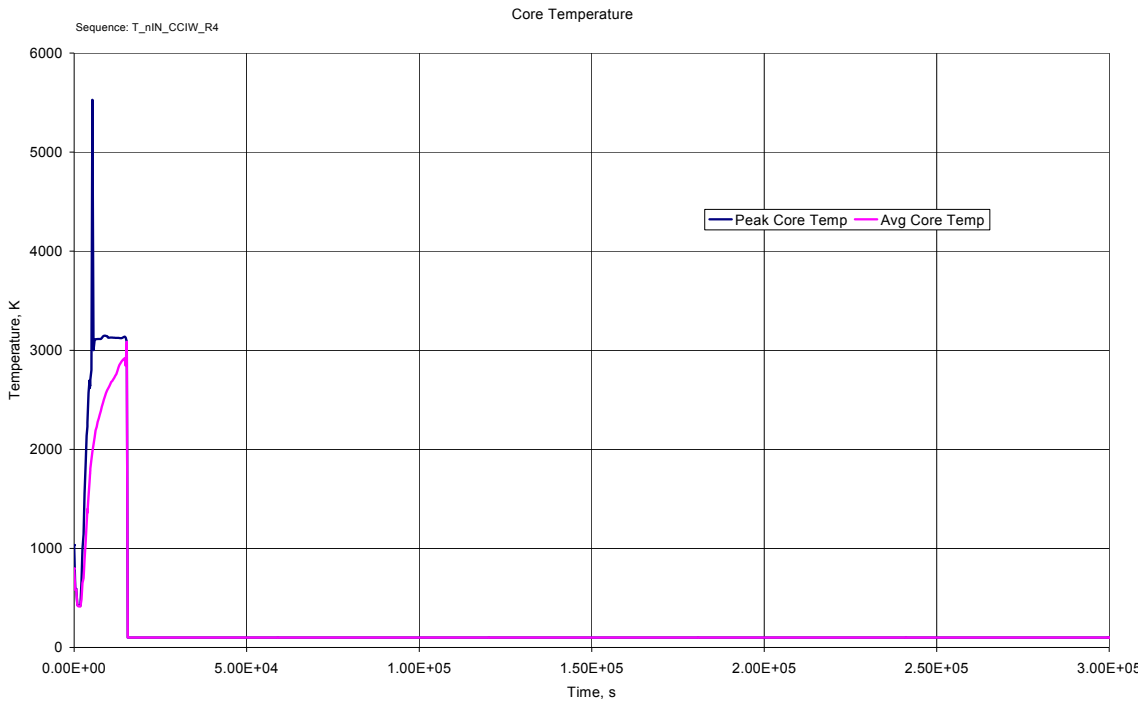

Figure 9A-7c. T_nIN_CCIW_R4 Core Temperature

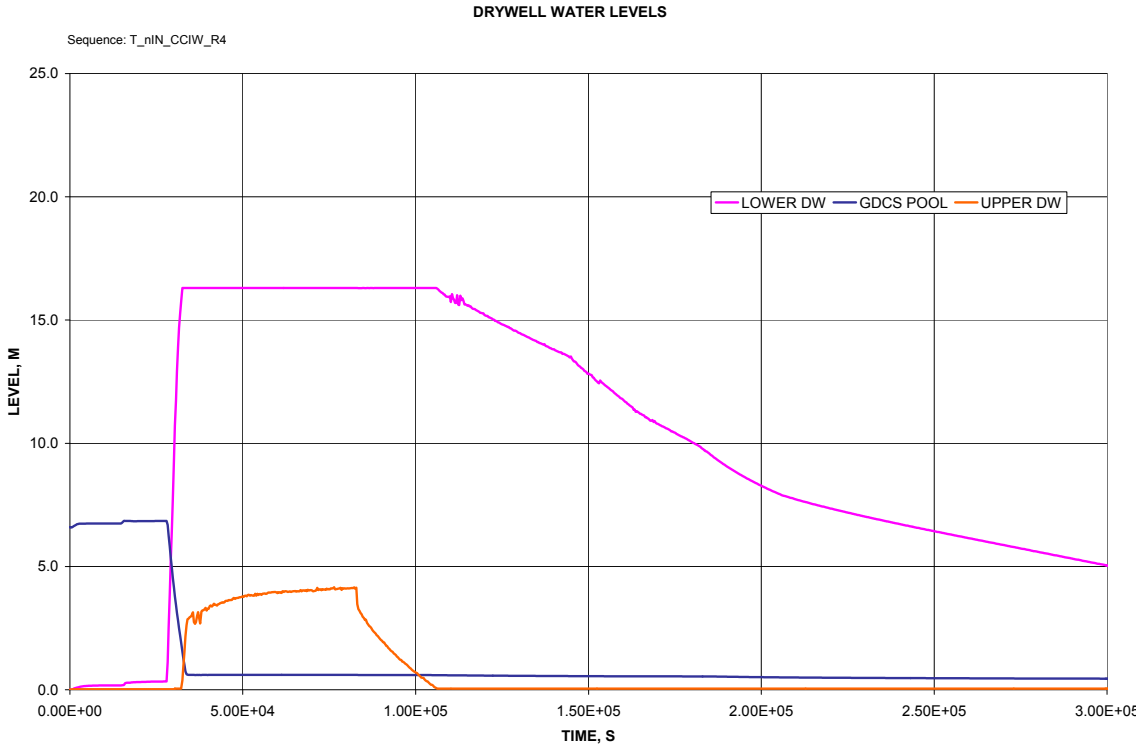

Figure 9A-7d. T_nIN_CCIW_R4 Drywell Water Levels

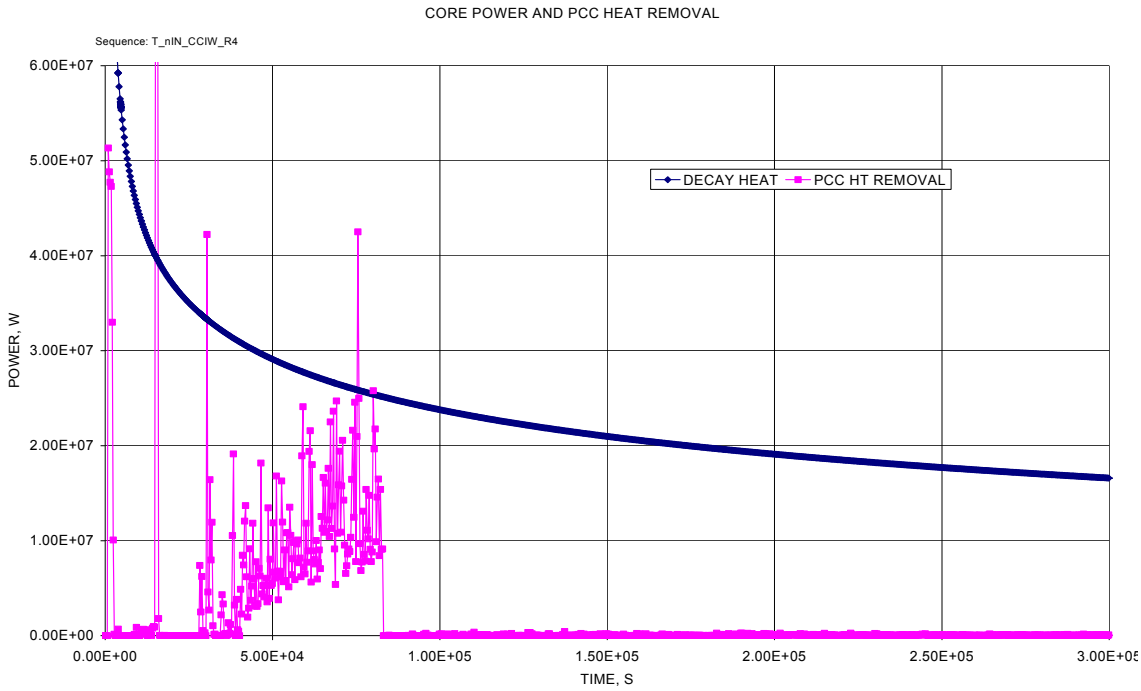

Figure 9A-7e. T_nIN_CCIW_R4 Core Power and PCC Heat Removal

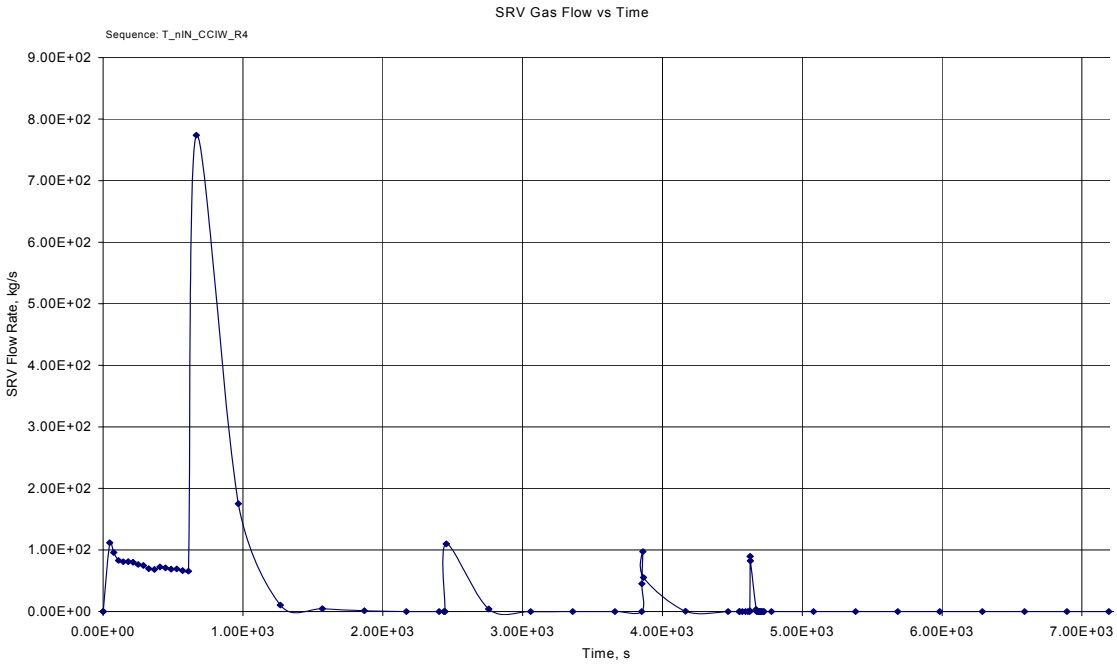

Figure 9A-7f. T_nIN_CCIW_R4 SRV Gas Flow vs Time

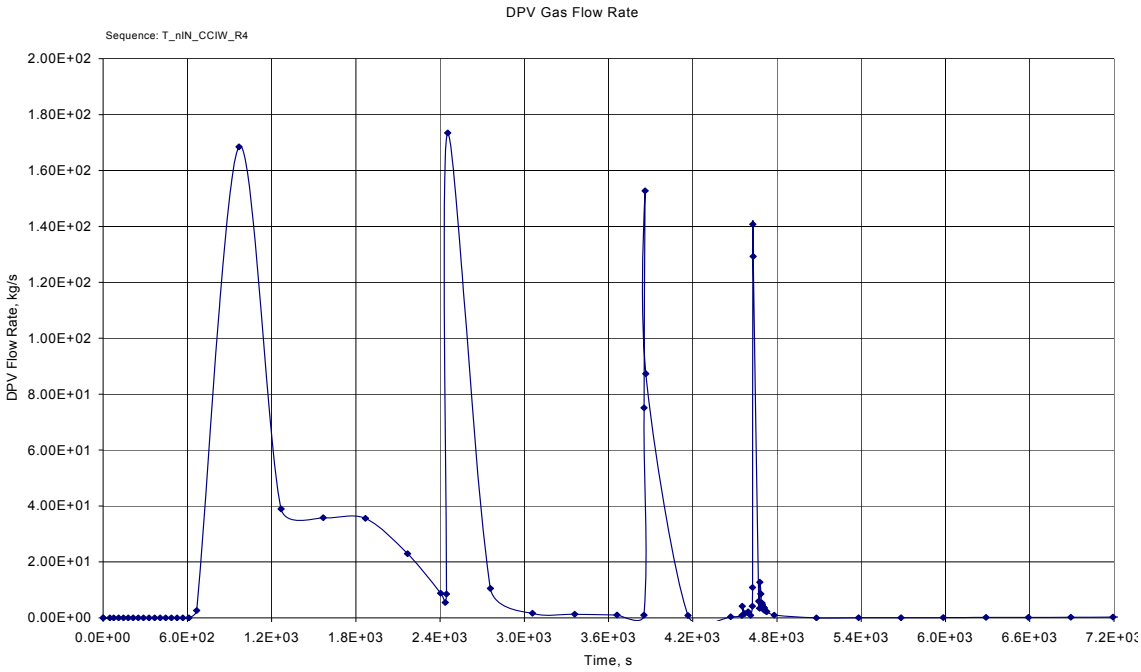

Figure 9A-7g. T_nIN_CCIW_R4 DPV Gas Flow Rate

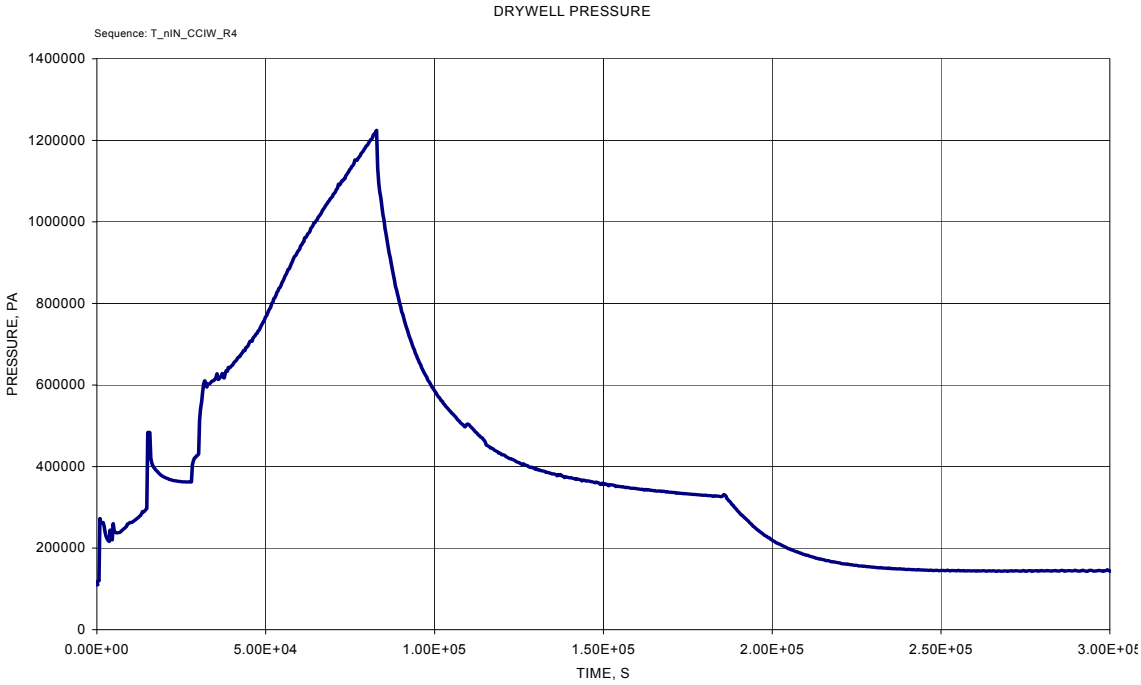

Figure 9A-7h. T_nIN_CCIW_R4 Drywell Pressure

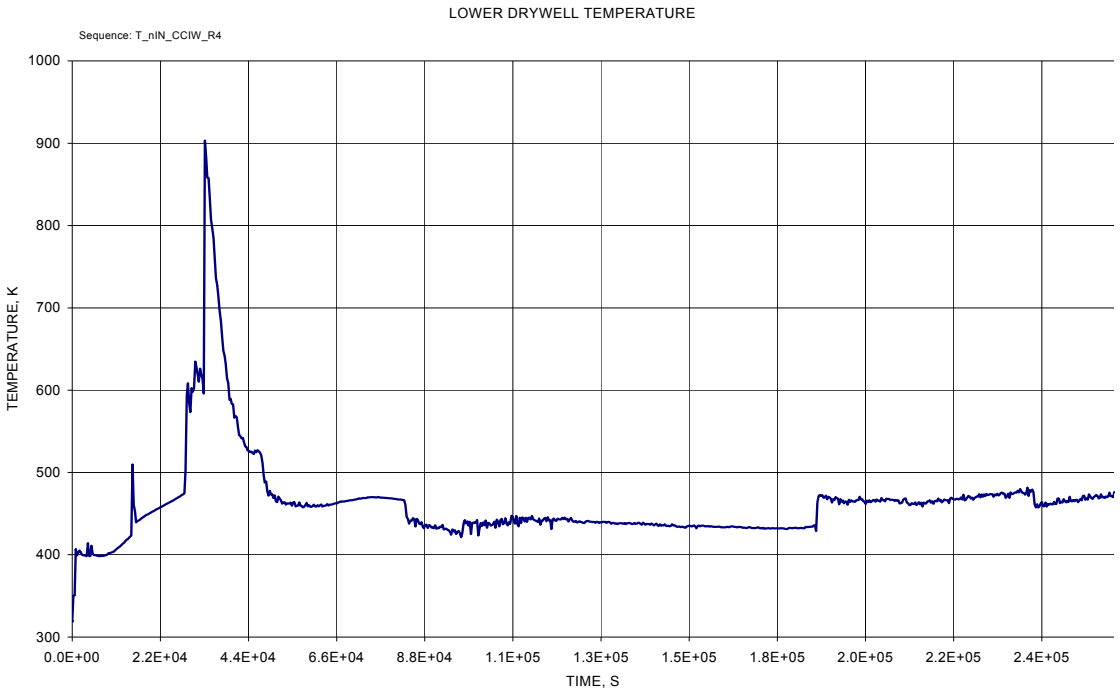

Figure 9A-7i. T_nIN_CCIW_R4 Lower Drywell Temperature

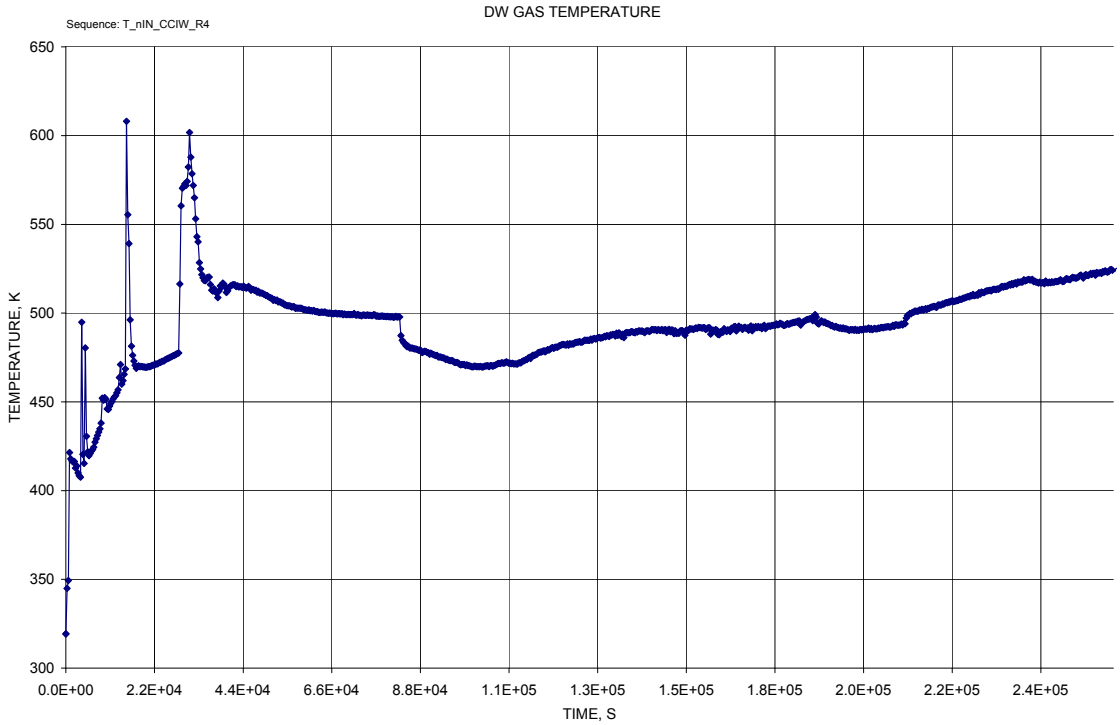

Figure 9A-7j. T_nIN_CCIW_R4 DW Gas Temperature

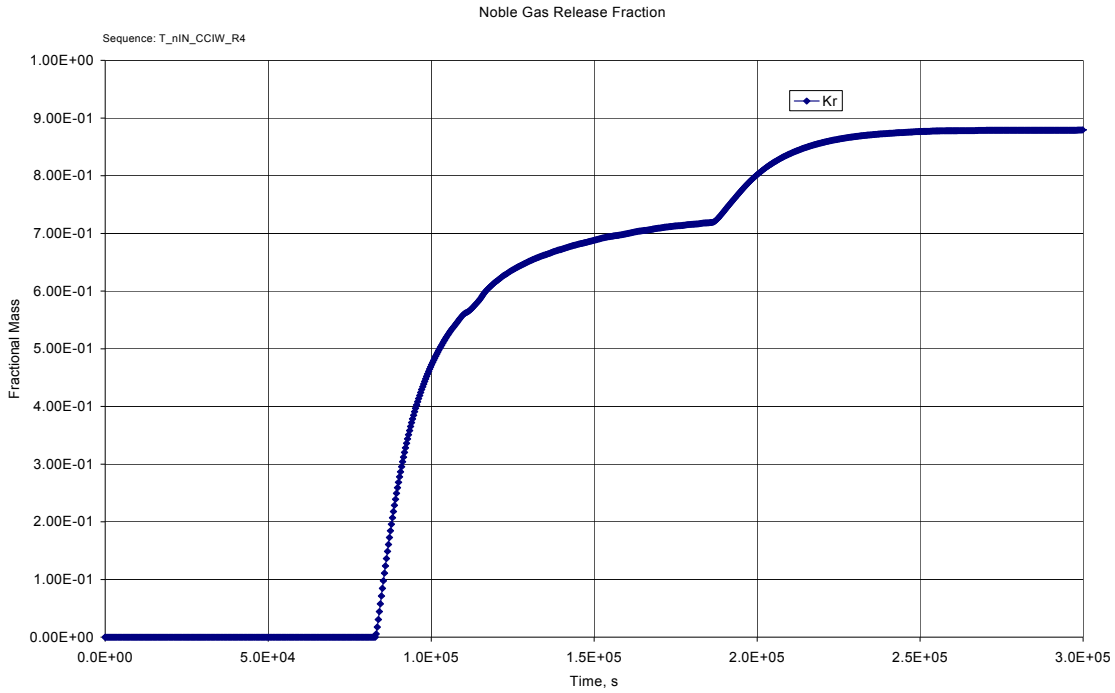

Figure 9A-7k. T_nIN_CCIW_R4 Noble Gas Release Fraction

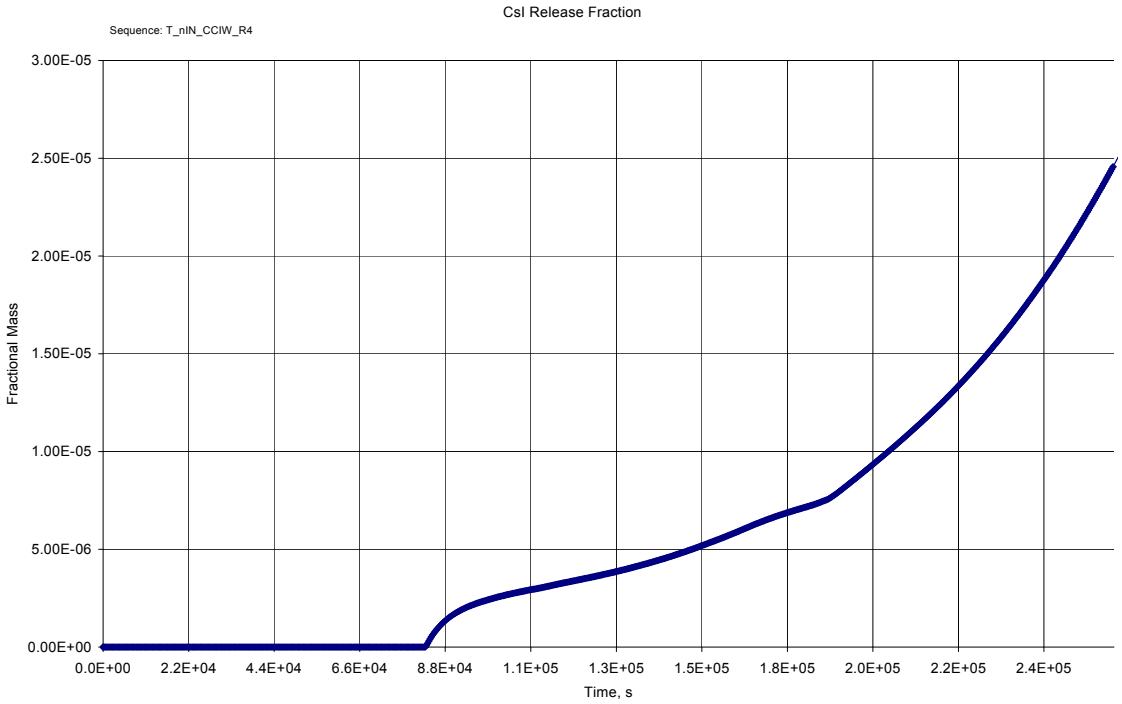

Figure 9A-7l. T_nIN_CCIW_R4 CsI Release Fraction

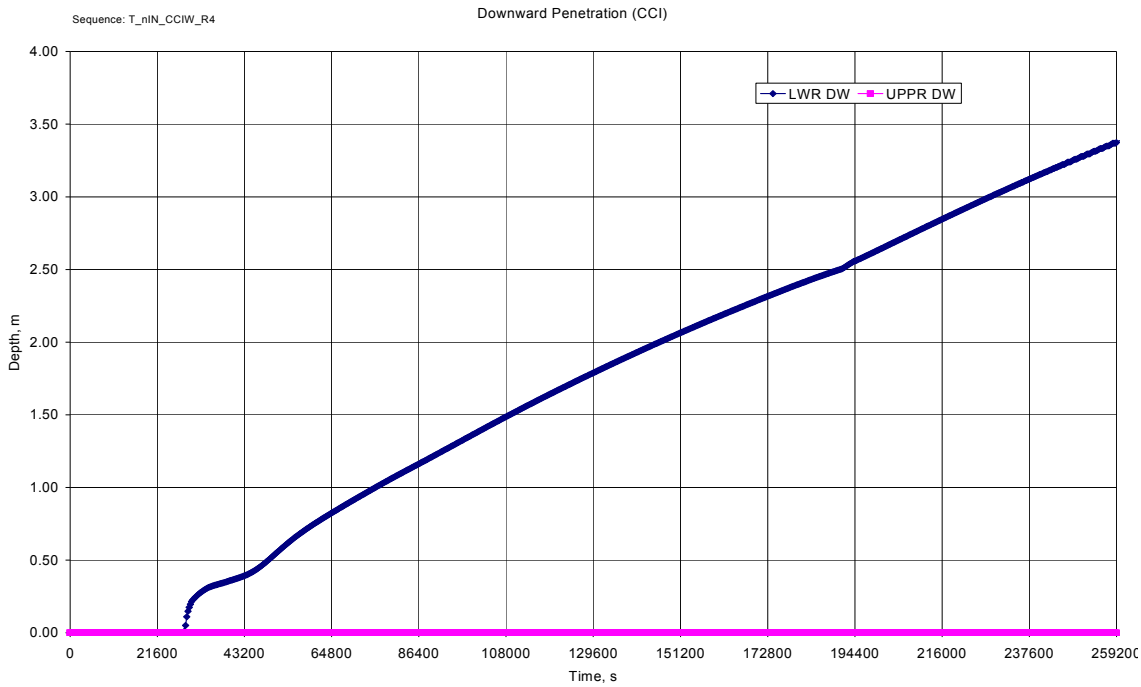

Figure 9A-7m. T_nIN_CCIW_R4 Downward Penetration (CCI)

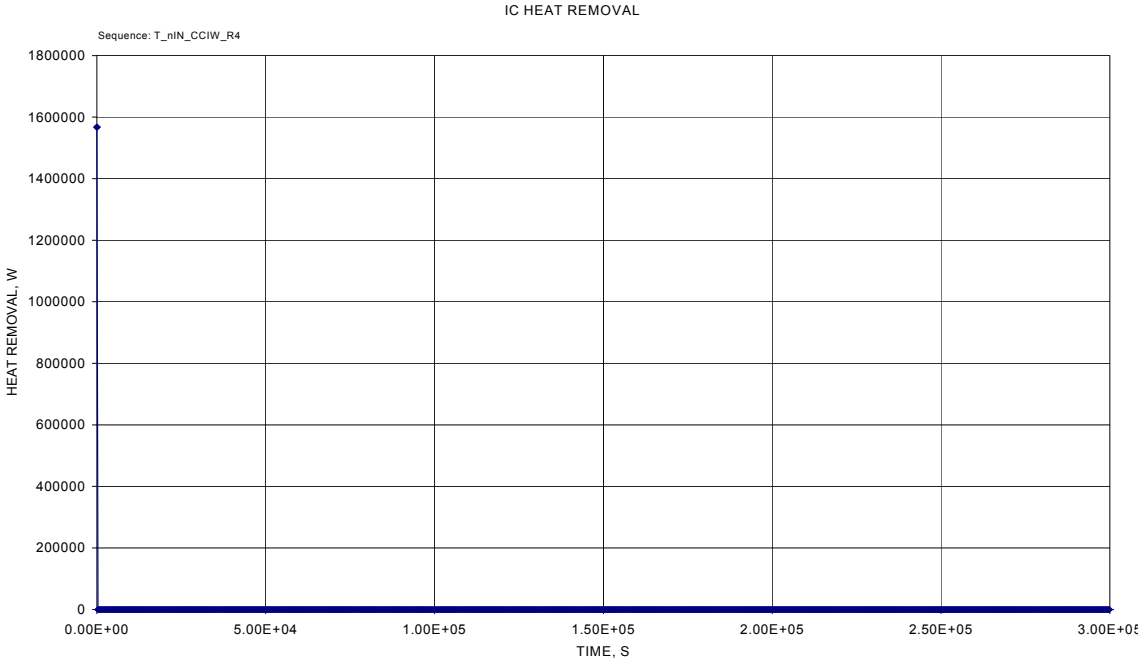

Figure 9A-7n. T_nIN_CCIW_R4 ICS Heat Removal

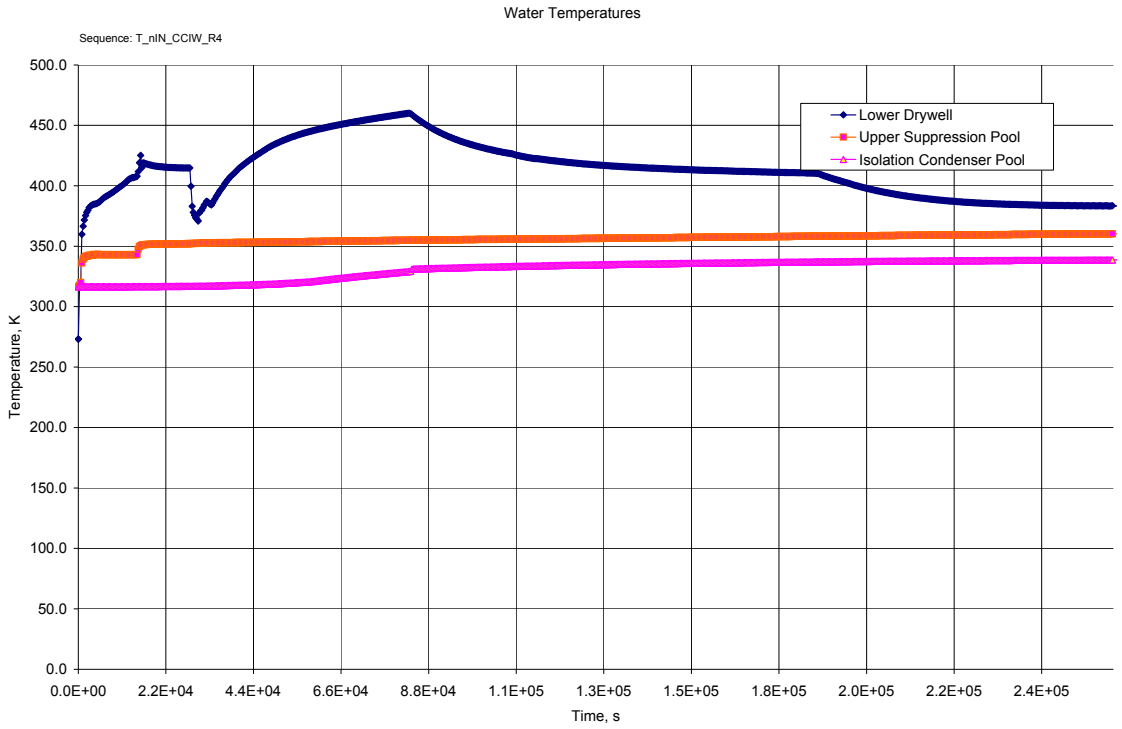

Figure 9A-7o. T_nIN_CCIW_R4 Water Temperature

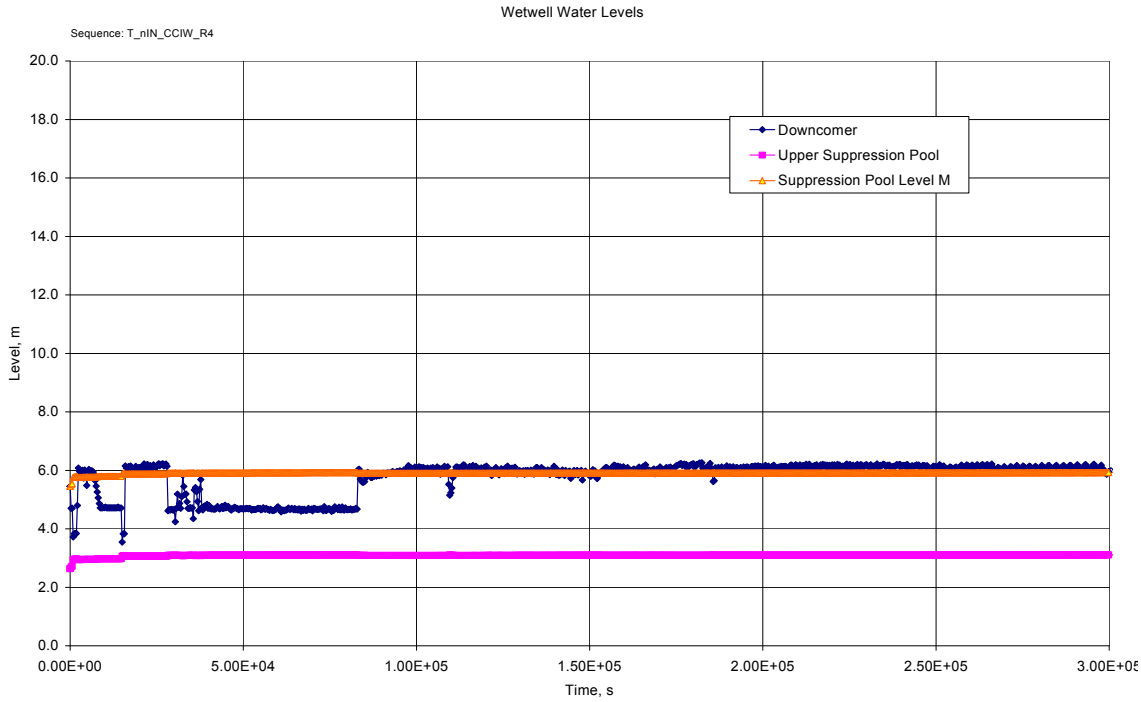

Figure 9A-7p. T_nIN_CCIW_R4 Wetwell Water Levels

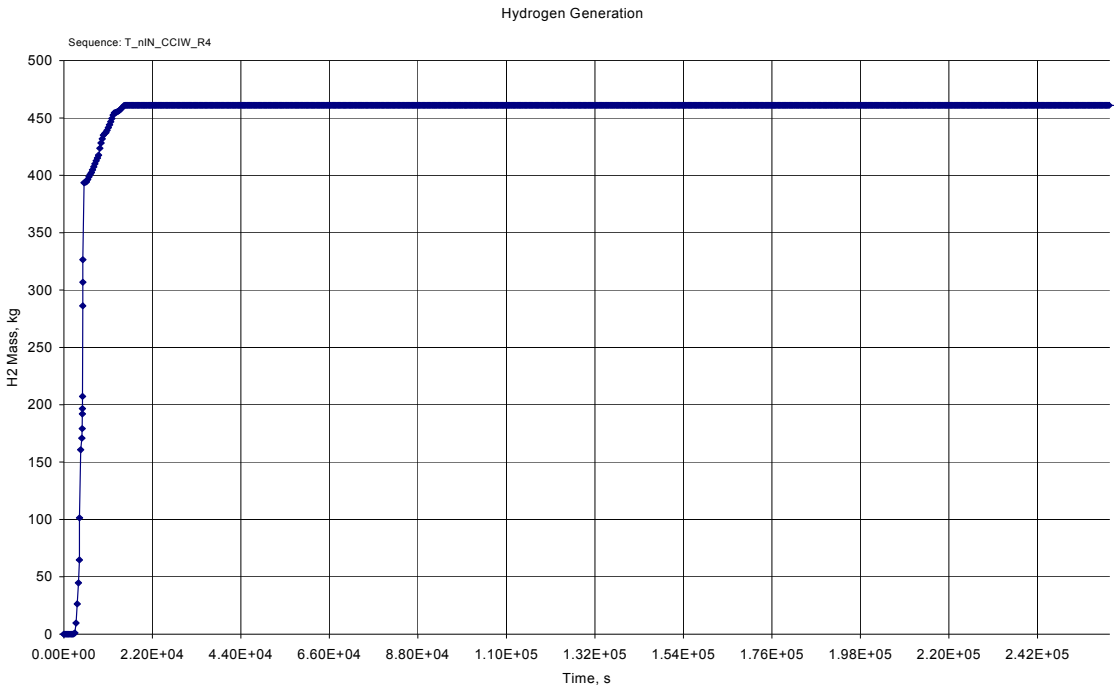

Figure 9A-7q. T_nIN_CCIW_R4 Hydrogen Generation

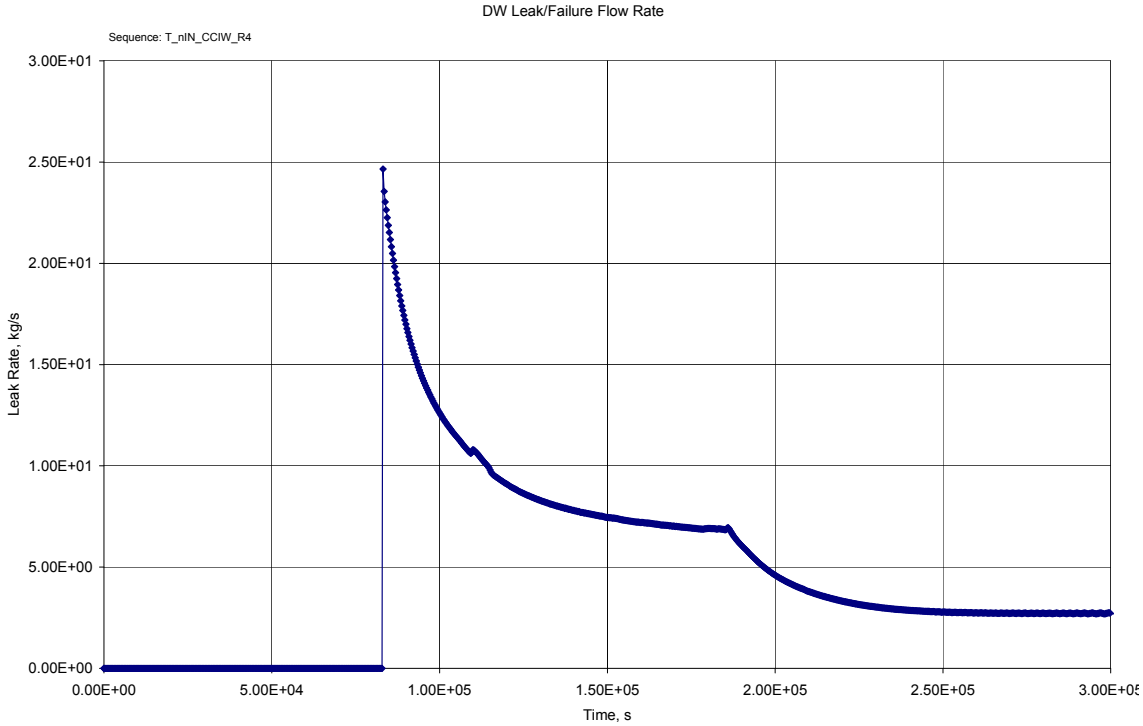

Figure 9A-7r. T_nIN_CCIW_R4 DW Leak/Failure Row Rate

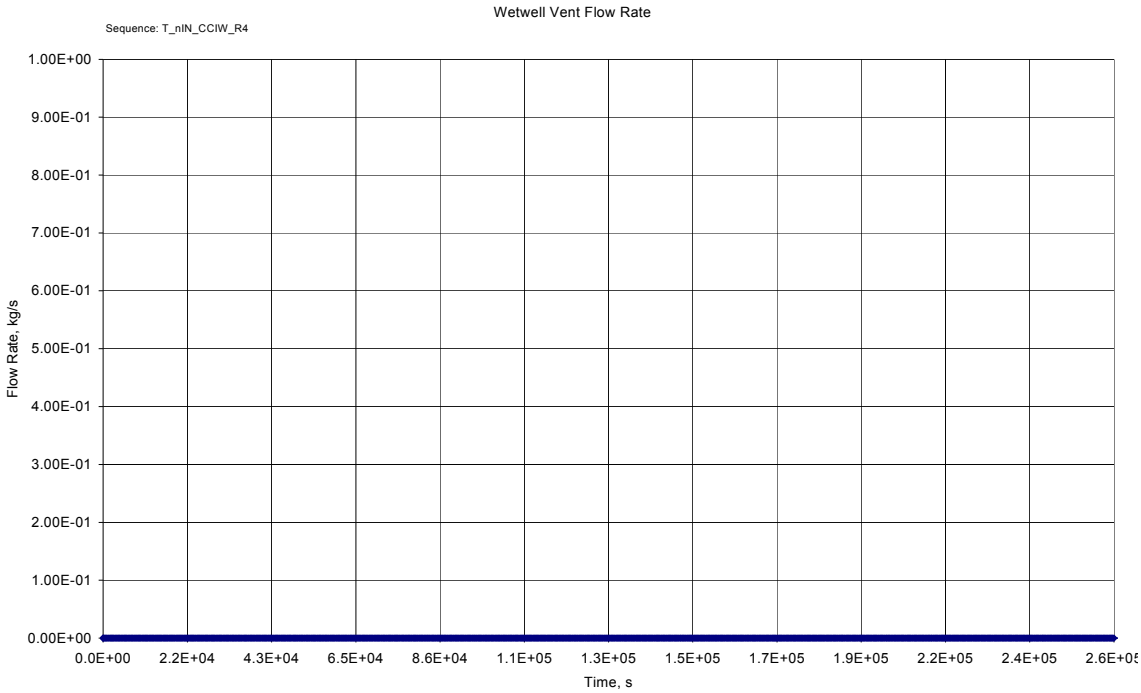

Figure 9A-7s. T_nIN_CCIW_R4 Wetwell Vent Flow Rate

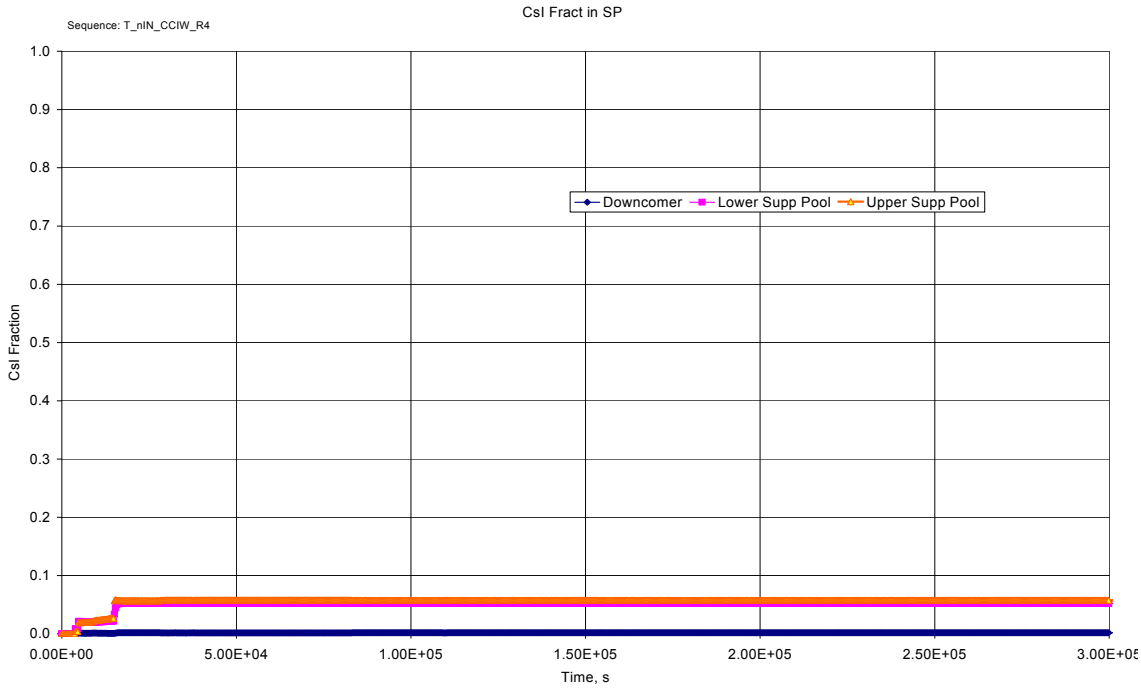

Figure 9A-7t. T_nIN_CCIW_R4 CsI Fract in SP

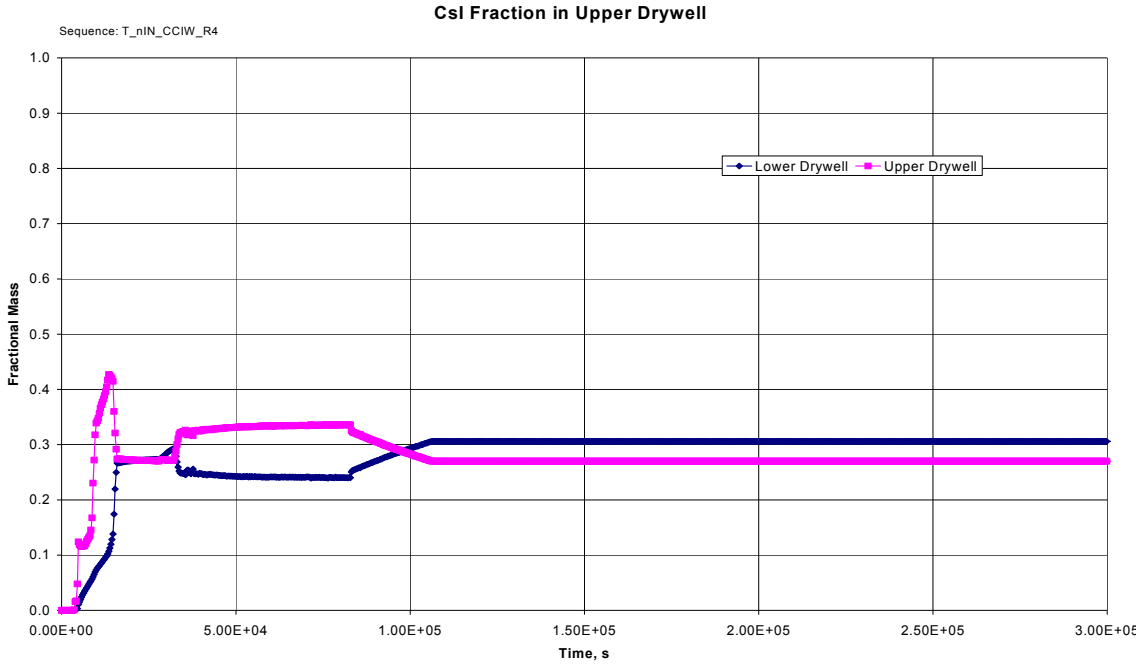

Figure 9A-7u. T_nIN_CCIW_R4 CsI Fraction in Upper Drywell

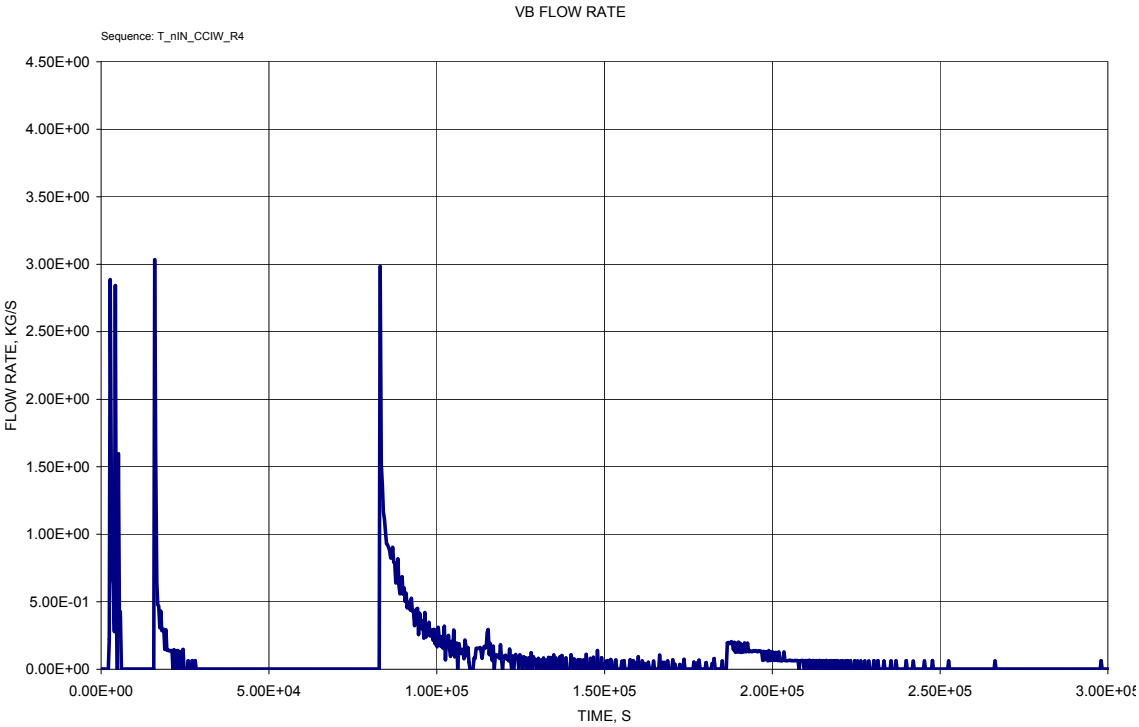

Figure 9A-7v. T_nIN_CCIW_R4 VB Flow Rate

9A.8 Core Concrete Interaction (Wet) – High Pressure T_nDP_nIN_CCIW_R4

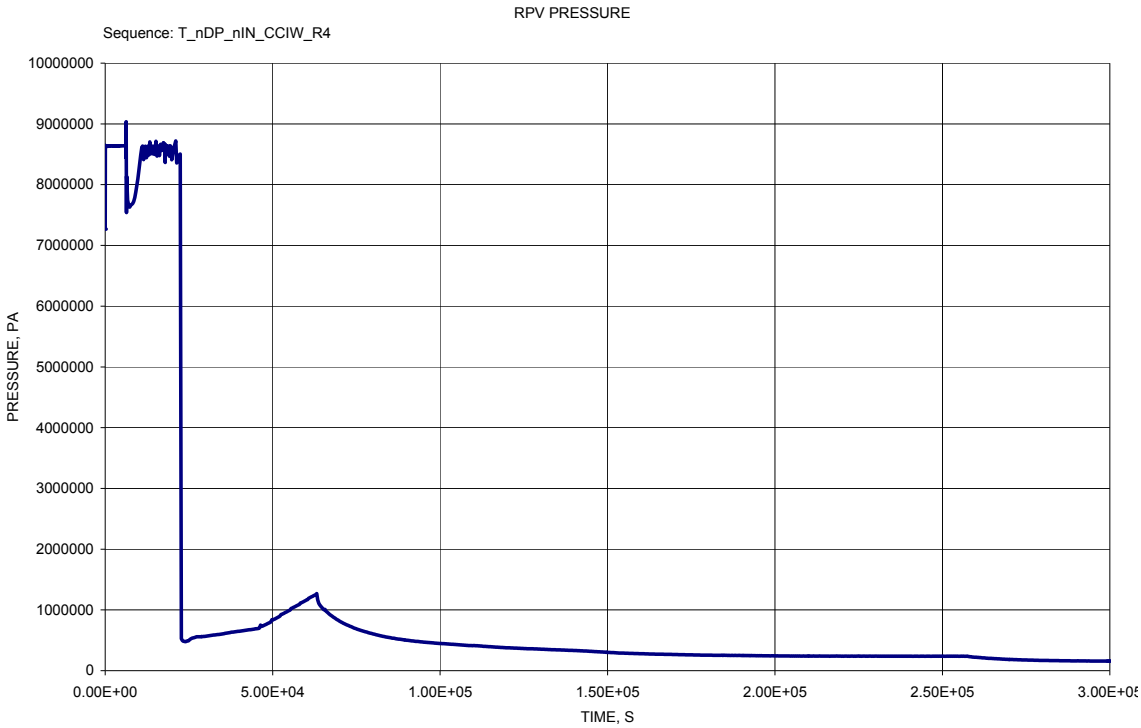

Figure 9A-8a. T_nDP_nIN_CCIW_R4 RPV Pressure

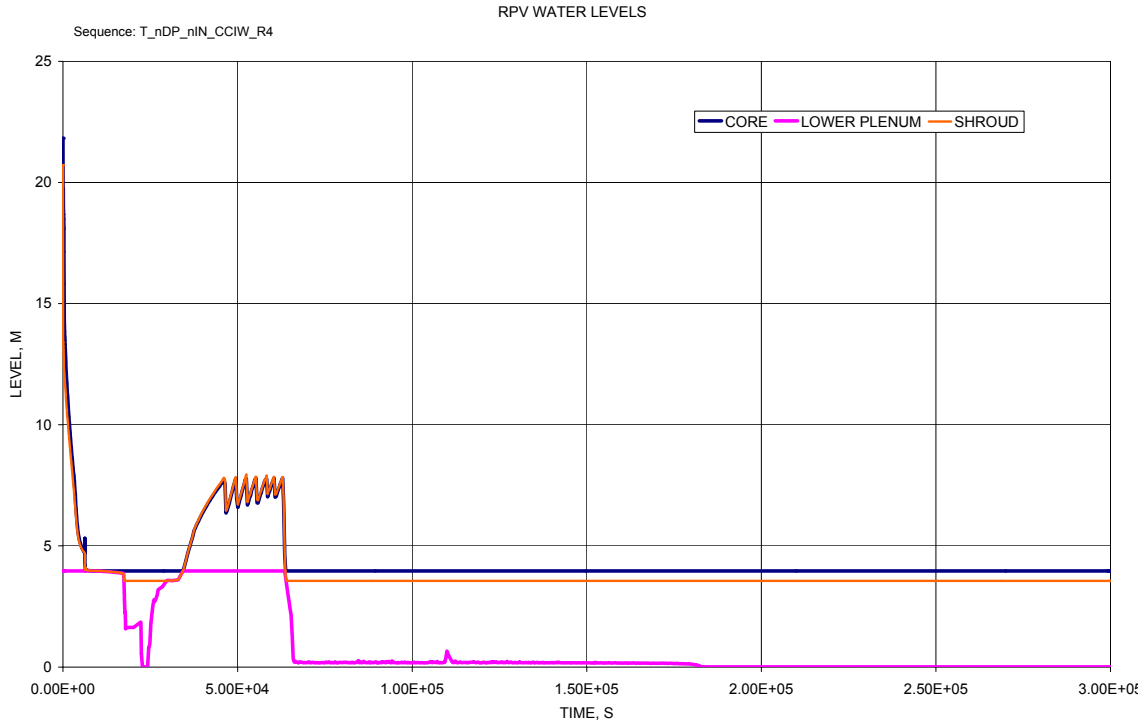

Figure 9A-8b. T_nDP_nIN_CCIW_R4 RPV Water Levels

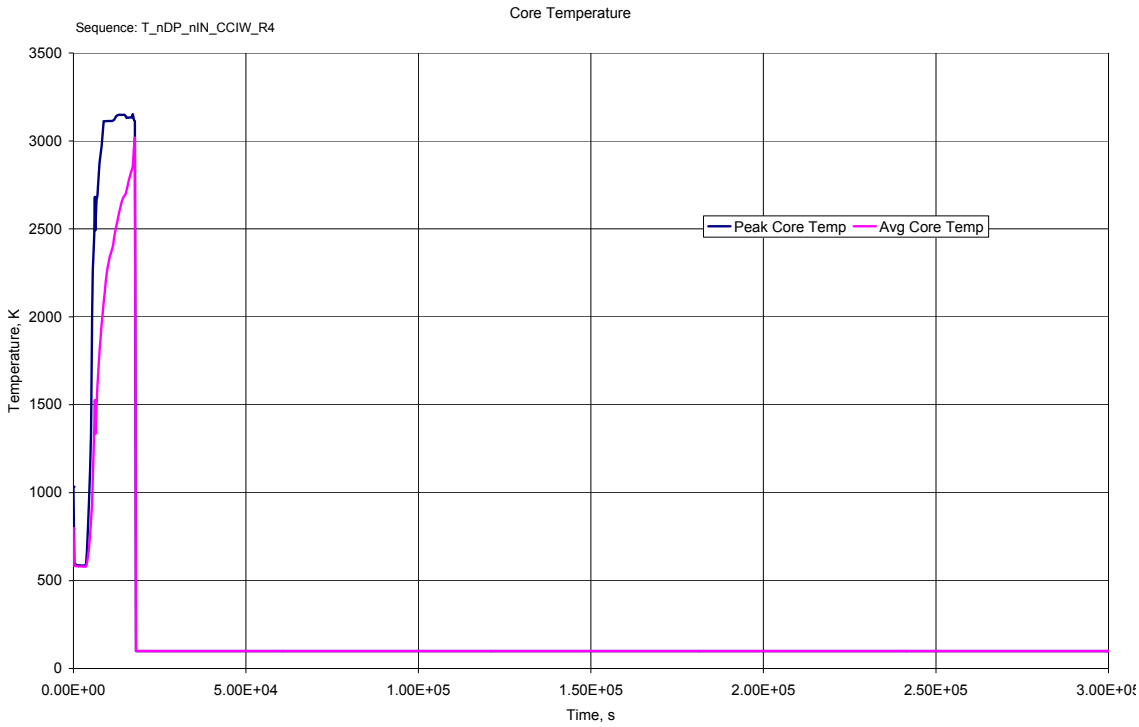

Figure 9A-8c. T_nDP_nIN_CCIW_R4 Core Temperature

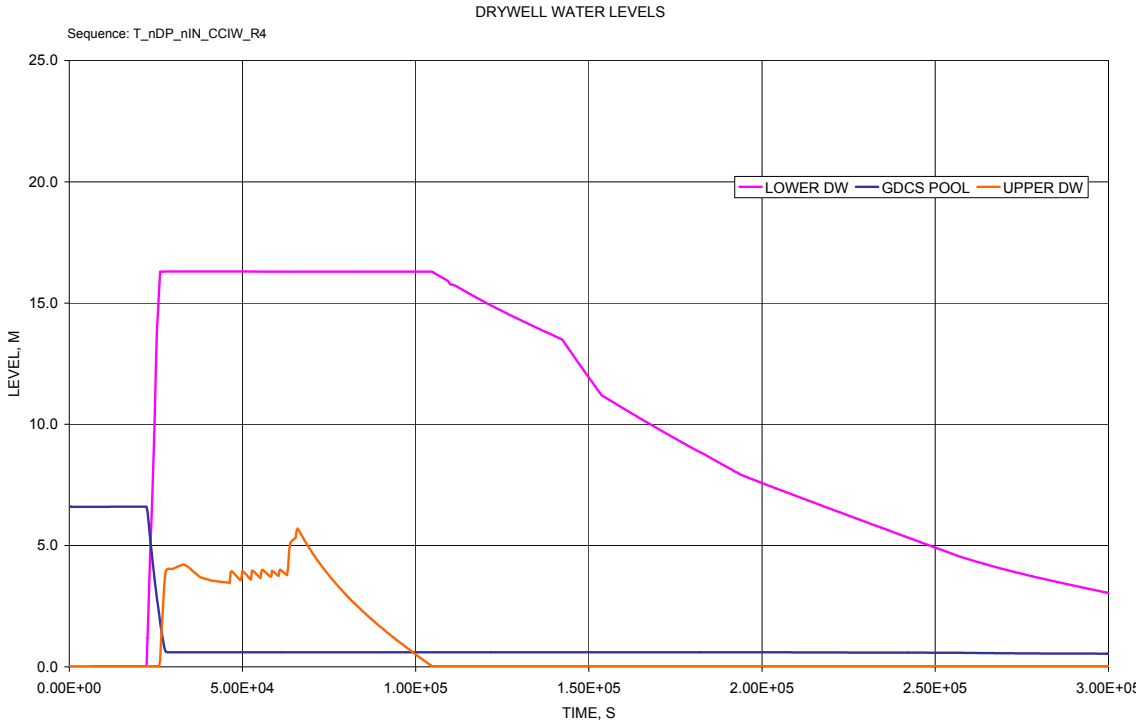

Figure 9A-8d. T_nDP_nIN_CCIW_R4 Drywell Water Levels

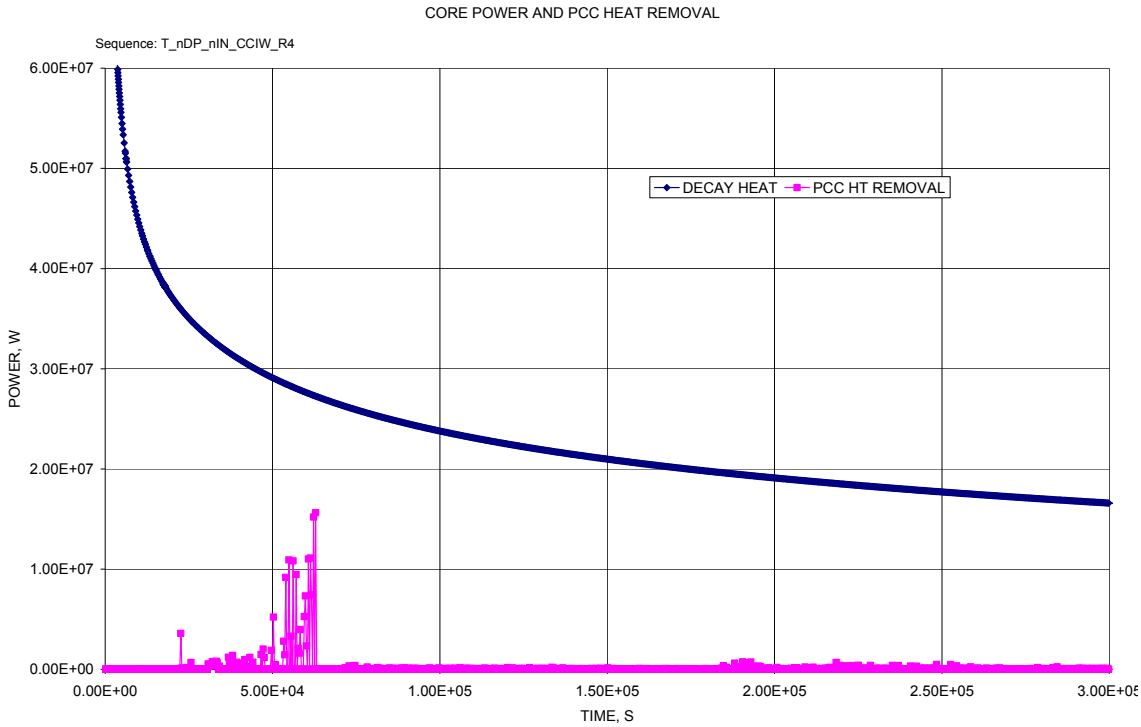

Figure 9A-8e. T_nDP_nIN_CCIW_R4 Core Power and PCC Heat Removal

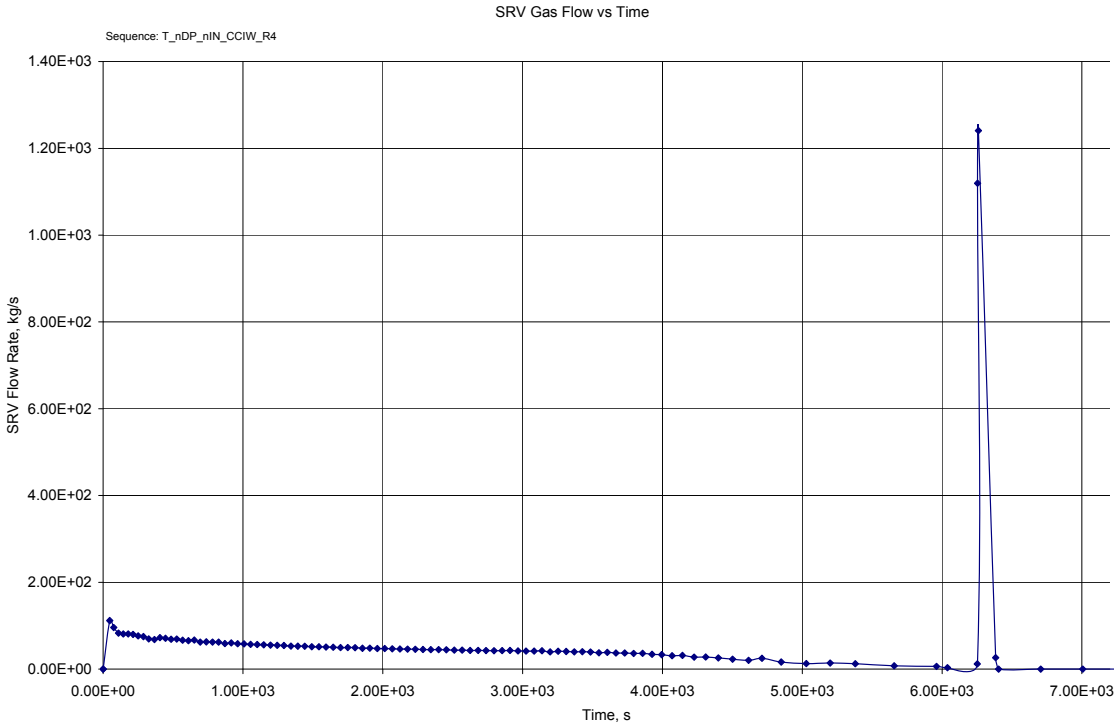

Figure 9A-8f. T_nDP_nIN_CCIW_R4 SRV Gas Flow vs. Time

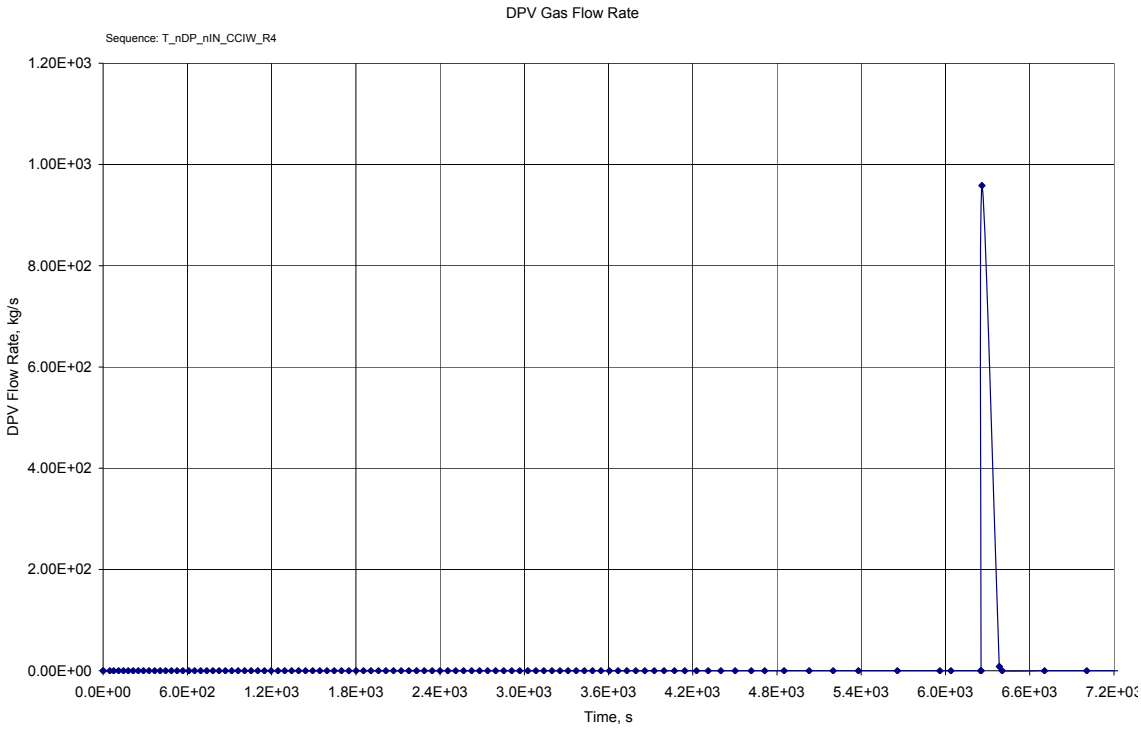

Figure 9A-8g. T_nDP_nIN_CCIW_R4 DPV Gas Flow Rate

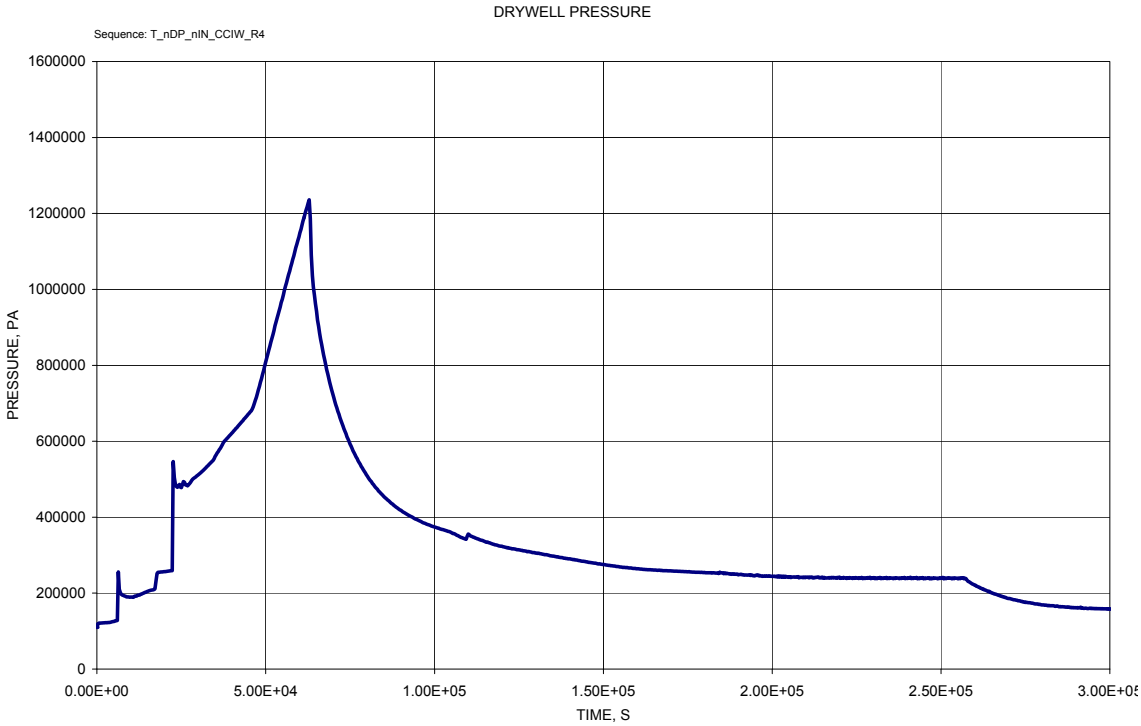

Figure 9A-8h. T_nDP_nIN_CCIW_R4 Drywell Pressure

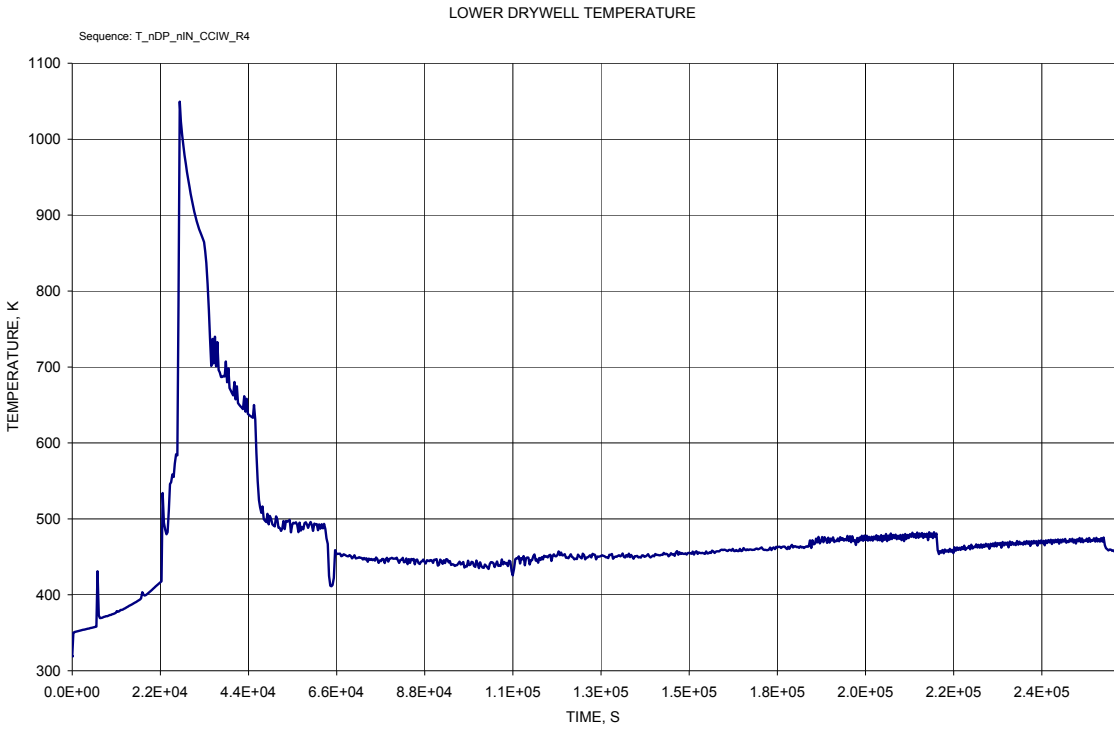

Figure 9A-8i. T_nDP_nIN_CCIW_R4 Lower Drywell Temperature

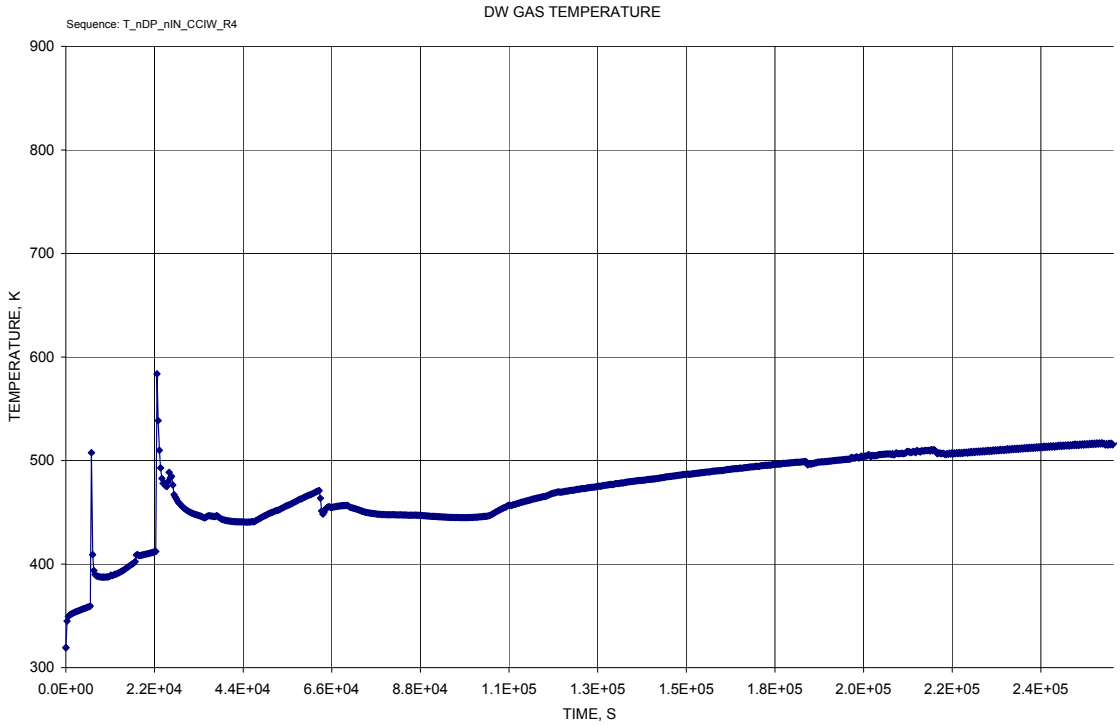

Figure 9A-8j. T_nDP_nIN_CCIW_R4 DW Gas Temperature

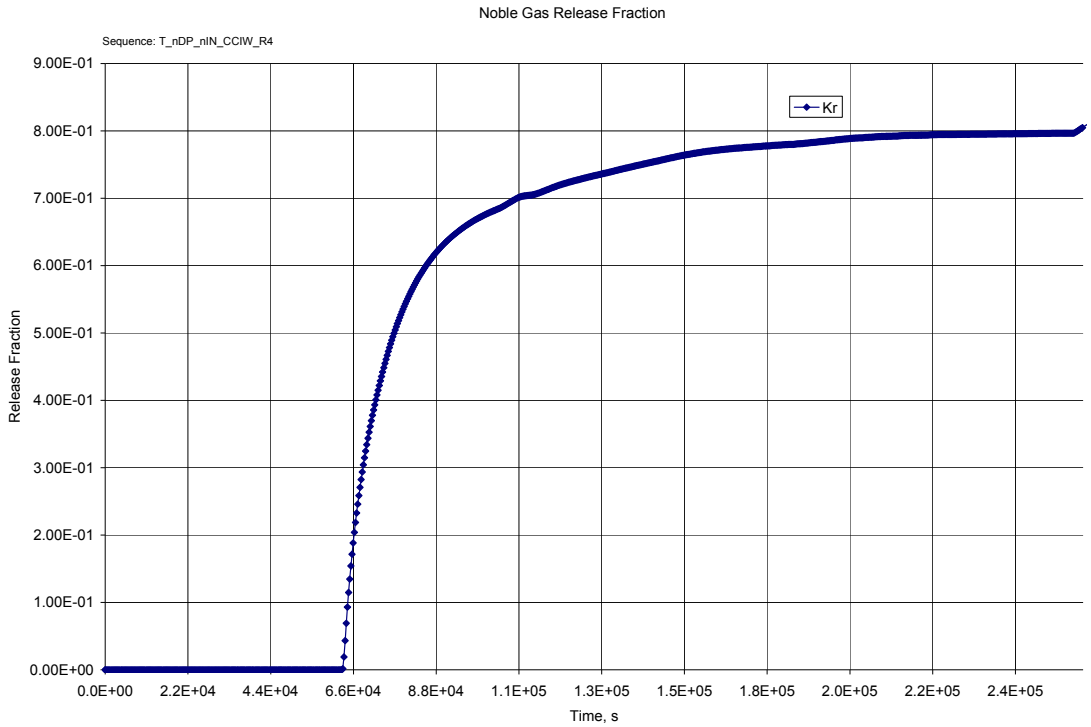

Figure 9A-8k. T_nDP_nIN_CCIW_R4 Noble Gas Release Fraction

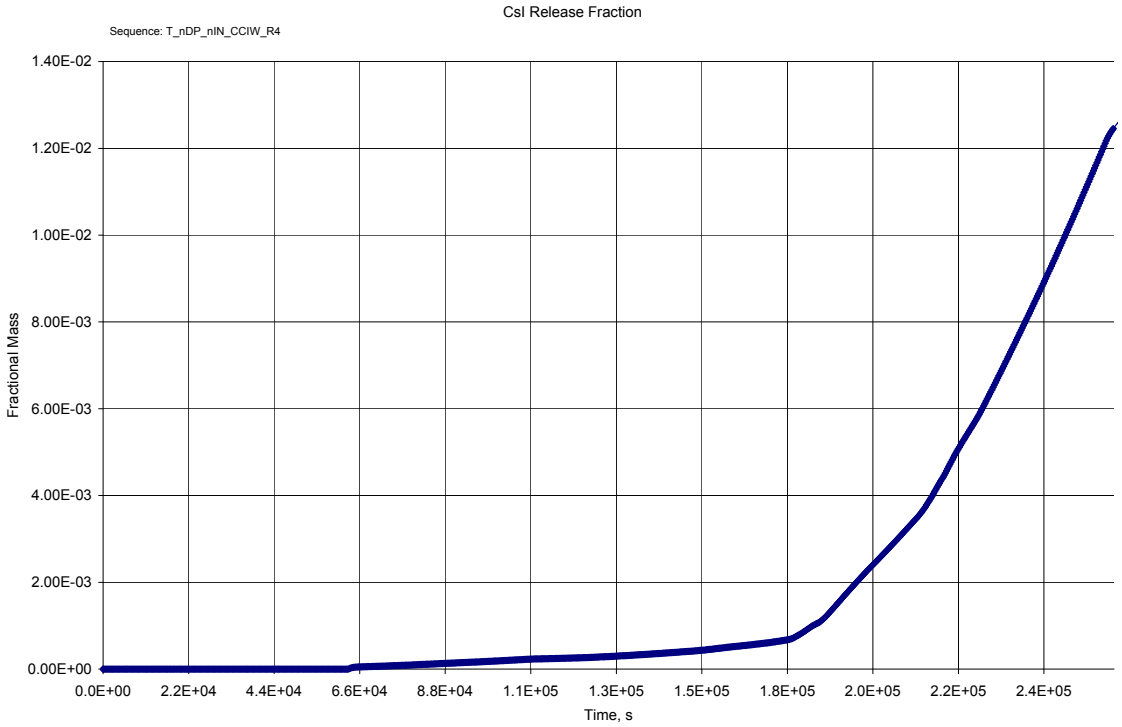

Figure 9A-8l. T_nDP_nIN_CCIW_R4 CsI Release Fraction

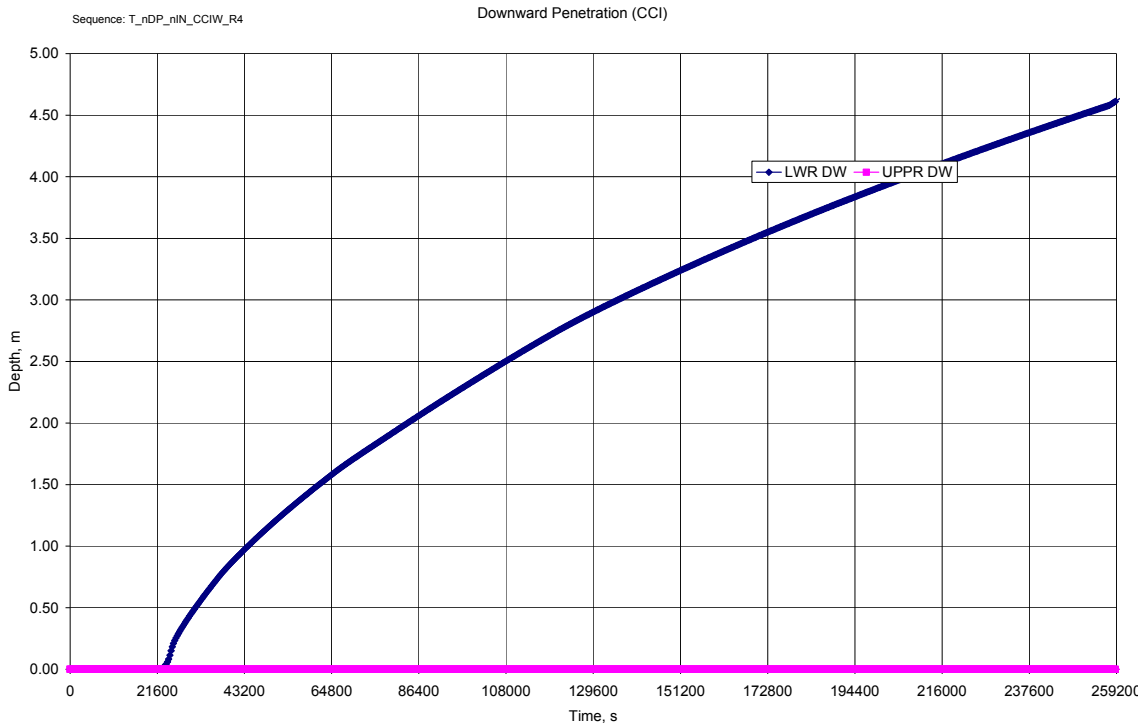

Figure 9A-8m. T_nDP_nIN_CCIW_R4 Downward Penetration (CCI)

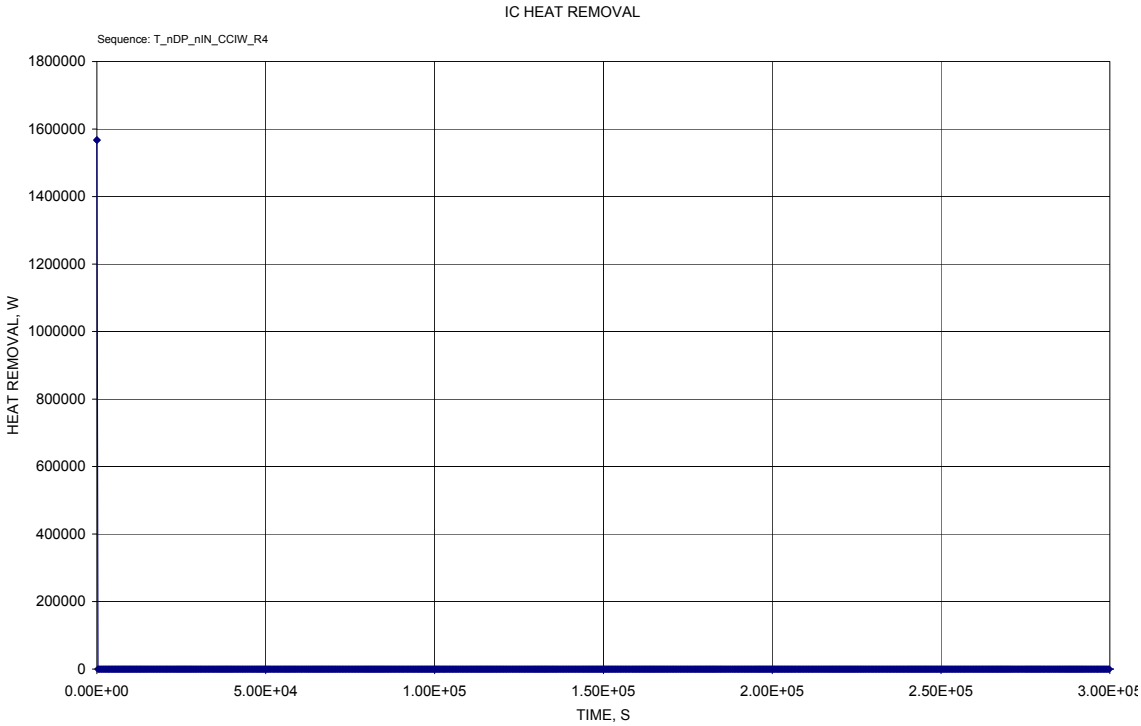

Figure 9A-8n. T_nDP_nIN_CCIW_R4 ICS Heat Removal

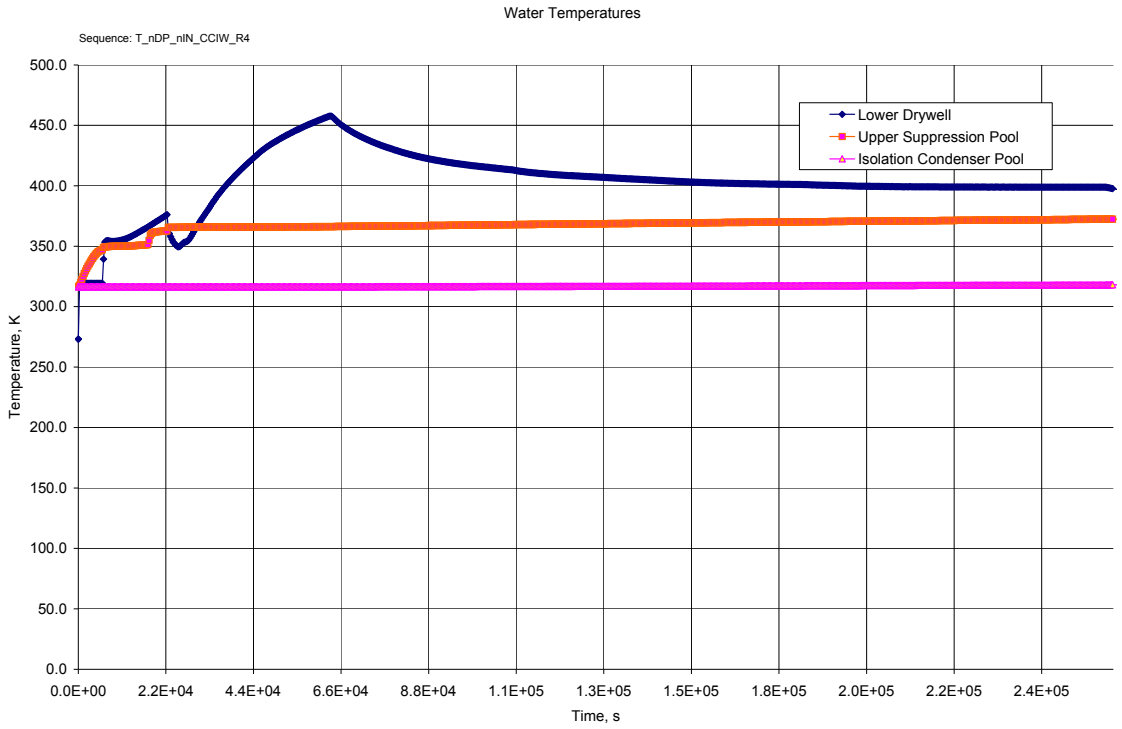

Figure 9A-8o. T_nDP_nIN_CCIW_R4 Water Temperatures

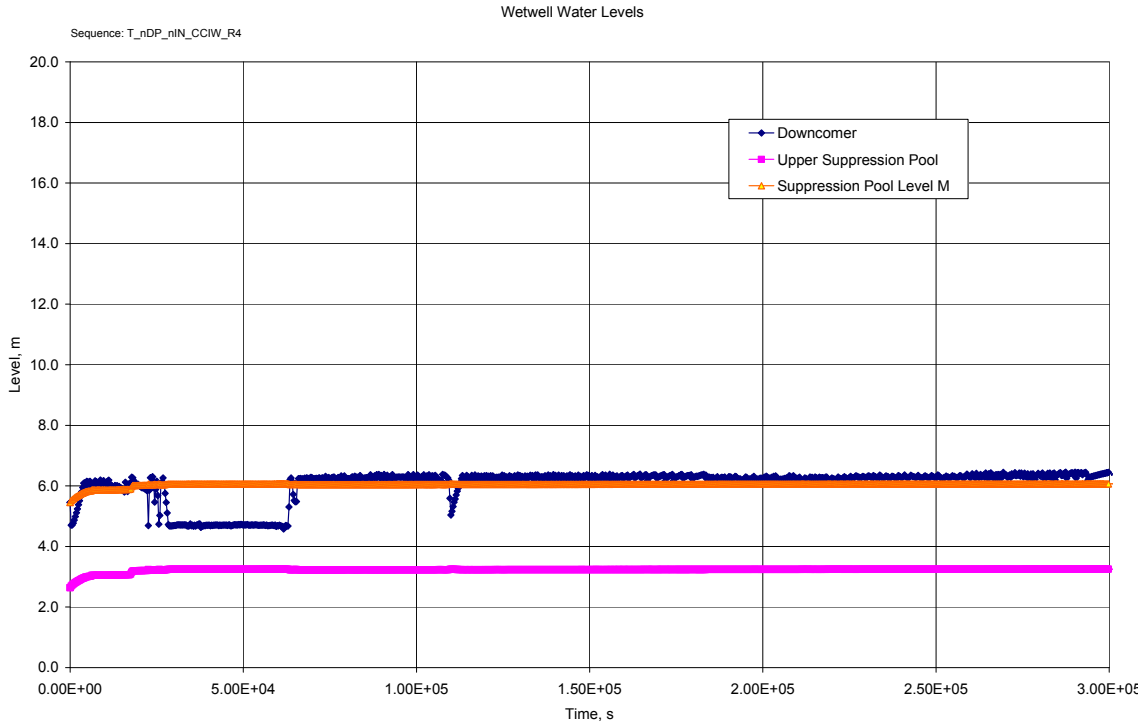

Figure 9A-8p. T_nDP_nIN_CCIW_R4 Wetwell Water Levels

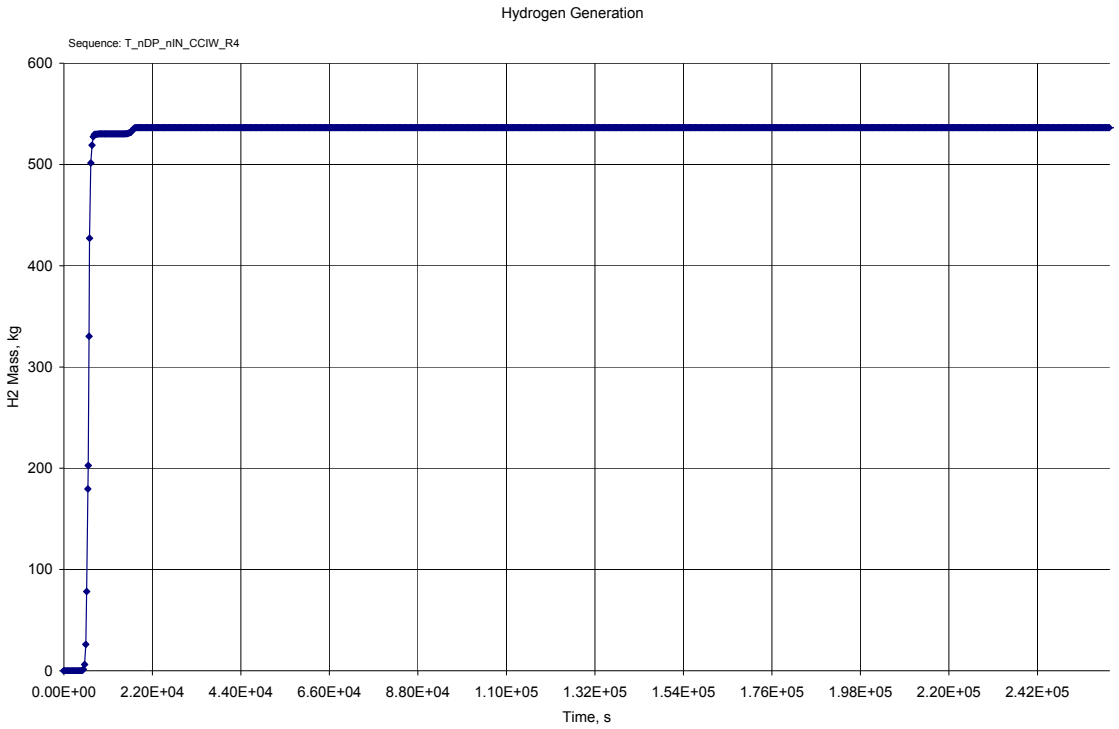

Figure 9A-8q. T_nDP_nIN_CCIW_R4 Hydrogen Generation

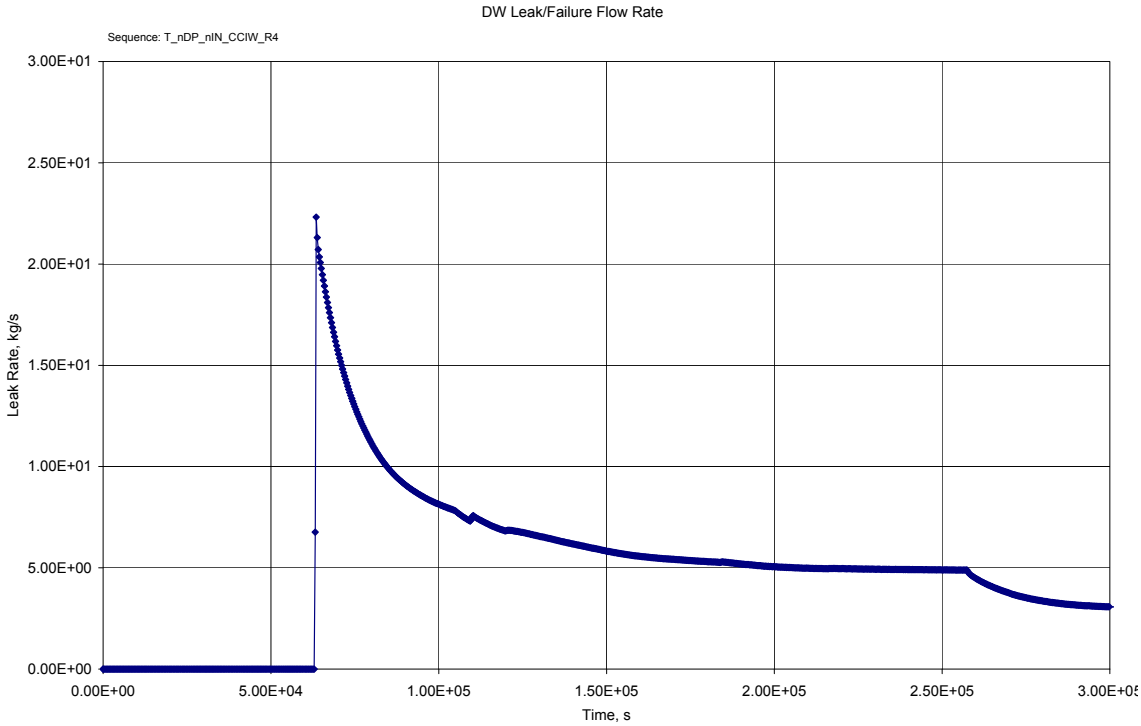

Figure 9A-8r. T_nDP_nIN_CCIW_R4 DW Leak/Failure Flow Rate

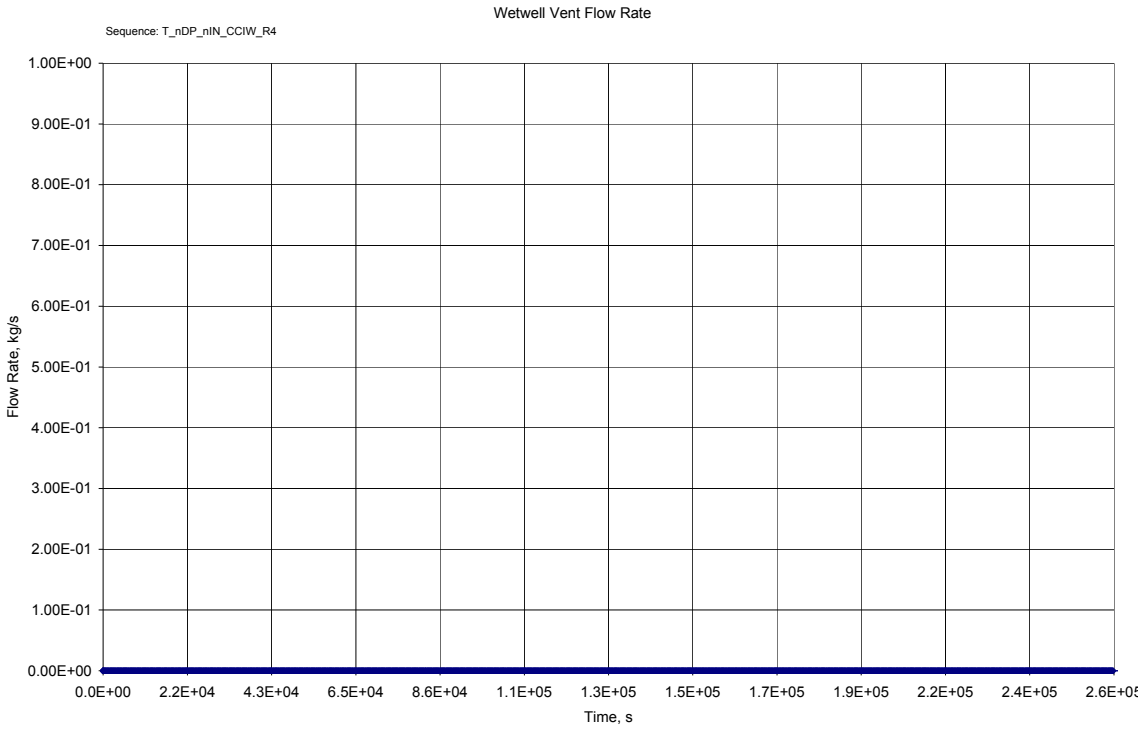

Figure 9A-8s. T_nDP_nIN_CCIW_R4 Wetwell Vent Flow Rate

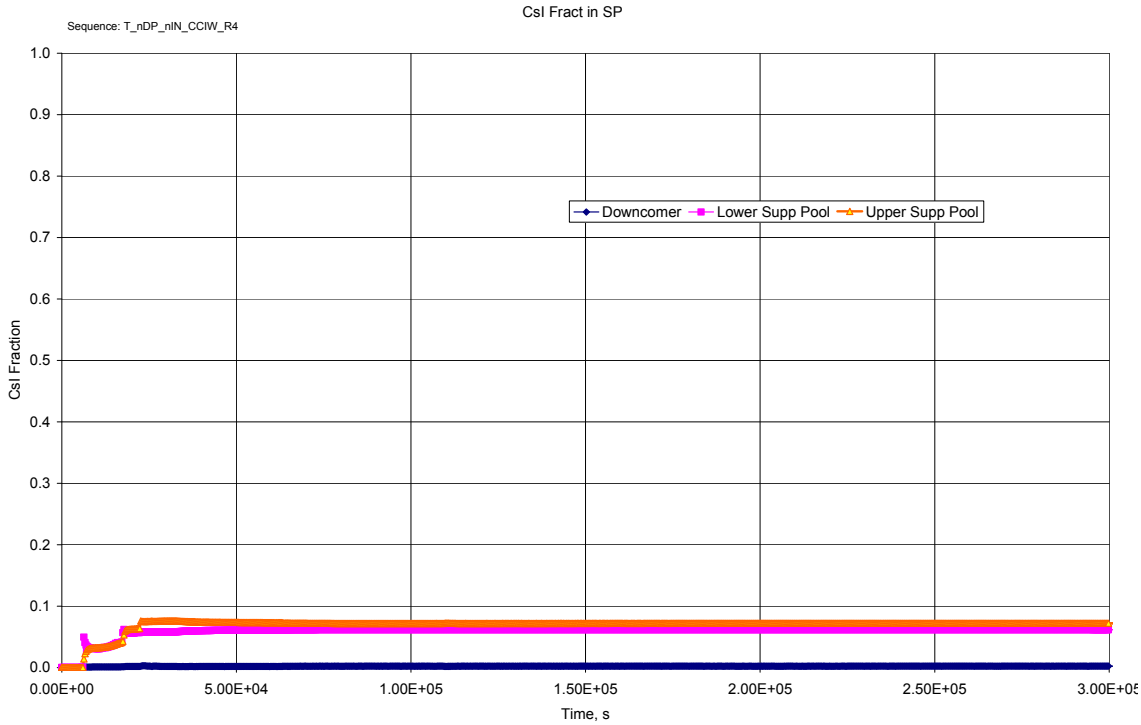

Figure 9A-8t. T_nDP_nIN_CCIW_R4 CsI Fraction in SP

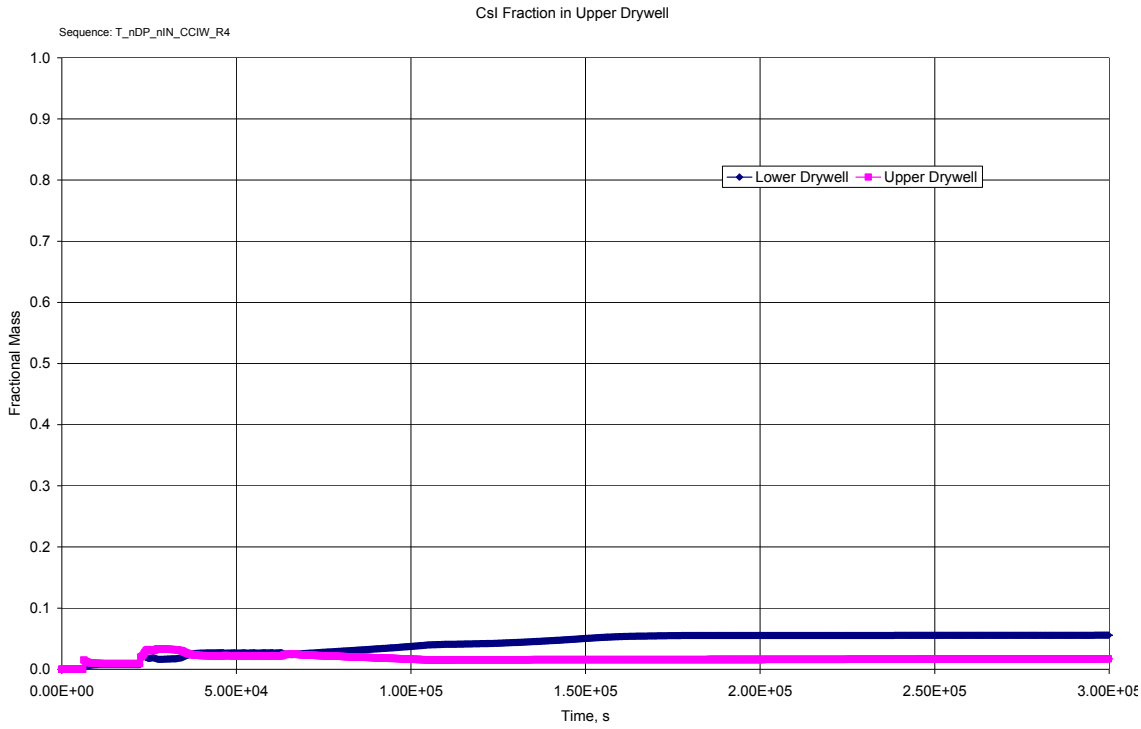

Figure 9A-8u. T_nDP_nIN_CCIW_R4 CsI Fraction in Upper Drywell

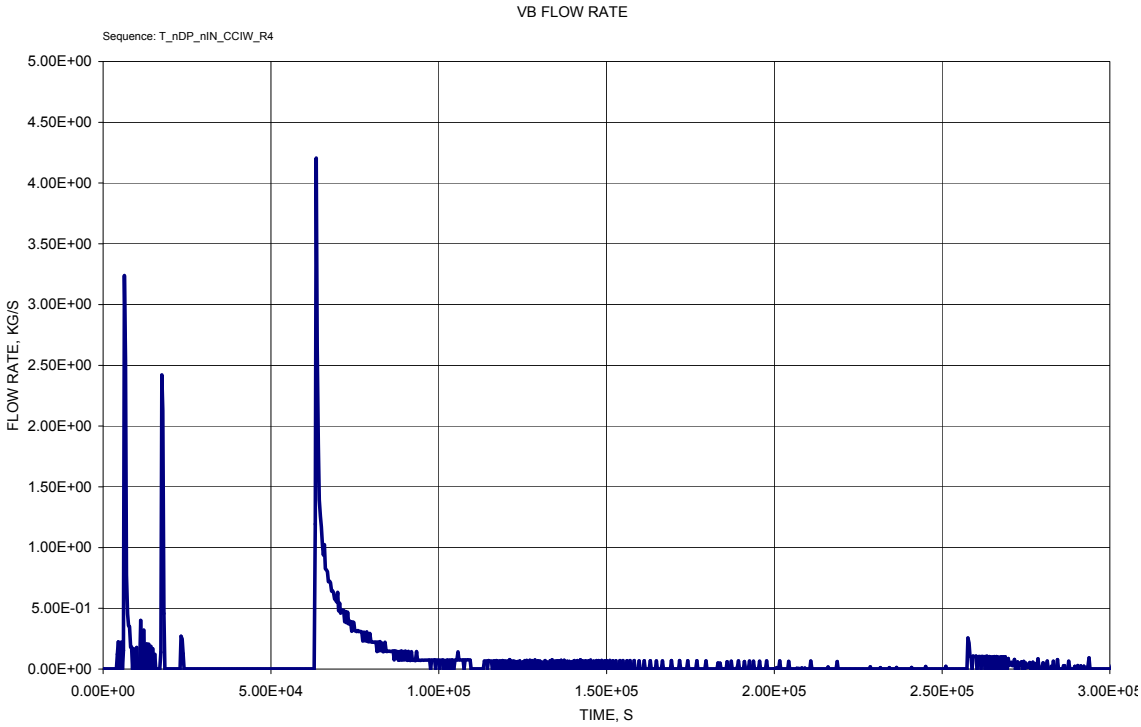

Figure 9A-8v. T_nDP_nIN_CCIW_R4 VB Flowrate

9A.9 Direct Containment Heating T_nDP_nIN_nD_DCH_R1

Figure 9A-9a. T_nDP_nIN_nD_DCH_R1 RPV Pressure (DELETED)

Figure 9A-9b. T_nDP_nIN_nD_DCH_R1 RPV Water Levels(DELETED)

Figure 9A-9c. T_nDP_nIN_nD_DCH_R1 Core Temperature (DELETED)

Figure 9A-9d. T_nDP_nIN_nD_DCH_R1 Drywell Water Levels (DELETED)

Figure 9A-9e. T_nDP_nIN_nD_DCH_R1 Core Power and PCCS Heat Removal (DELETED)

Figure 9A-9f. T_nDP_nIN_nD_DCH_R1 SRV Gas Flow vs. Time (DELETED)

Figure 9A-9g. T_nDP_nIN_nD_DCH_R1 DPV Gas Flow Rate (DELETED)

Figure 9A-9h. T_nDP_nIN_nD_DCH_R1 Drywell Pressure (DELETED)

Figure 9A-9i. T_nDP_nIN_nD_DCH_R1 Lower Drywell Temperature (DELETED)

Figure 9A-9j. T_nDP_nIN_nD_DCH_R1 DW Gas Temperature (DELETED)

Figure 9A-9k. T_nDP_nIN_nD_DCH_R1 Noble Gas Release Fraction (DELETED)

Figure 9A-9l. T_nDP_nIN_nD_DCH_R1 Csl Release Fraction (DELETED)

Figure 9A-9m. T_nDP_nIN_nD_DCH_R1 Downward Penetration (CCI) (DELETED)

Figure 9A-9n. T_nDP_nIN_nD_DCH_R1 ICS Heat Removal (DELETED)

Figure 9A-9o. T_nDP_nIN_nD_DCH_R1 Water Temperatures (DELETED)

Figure 9A-9p. T_nDP_nIN_nD_DCH_R1 Wetwell Water Levels (DELETED)

Figure 9A-9q. T_nDP_nIN_nD_DCH_R1 Hydrogen Generation (DELETED)

Figure 9A-9r. T_nDP_nIN_nD_DCH_R1 DW Leak/Failure Flow Rate (DELETED)

Figure 9A-9s. T_nDP_nIN_nD_DCH_R1 Wetwell Vent Flow Rate (DELETED)

Figure 9A-9t. T_nDP_nIN_nD_DCH_R1 CsL Fraction in SP (DELETED)

Figure 9A-9u. T_nDP_nIN_nD_DCH_R1 Csl Fraction in Upper Drywell (DELETED)

Figure 9A-9v. T_nDP_nIN_nD_DCH_R1 VB Flow Rate (DELETED)

9A.10 Ex-Vessel Explosion T_nIN_nD_EVE_R1

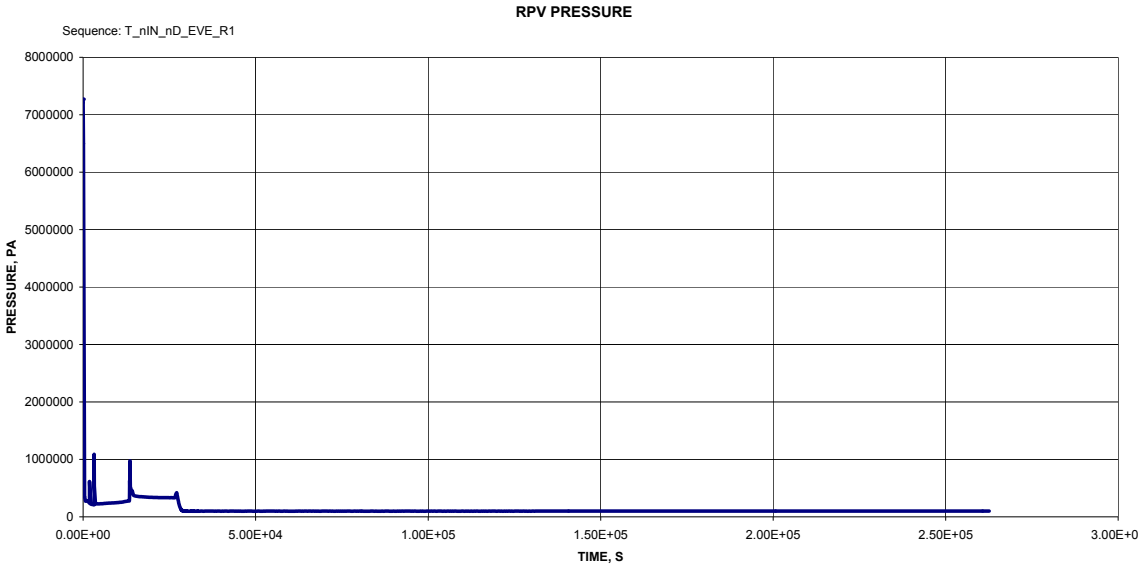

Figure 9A-10a. T_nIN_nD_EVE_R1RPV Pressure

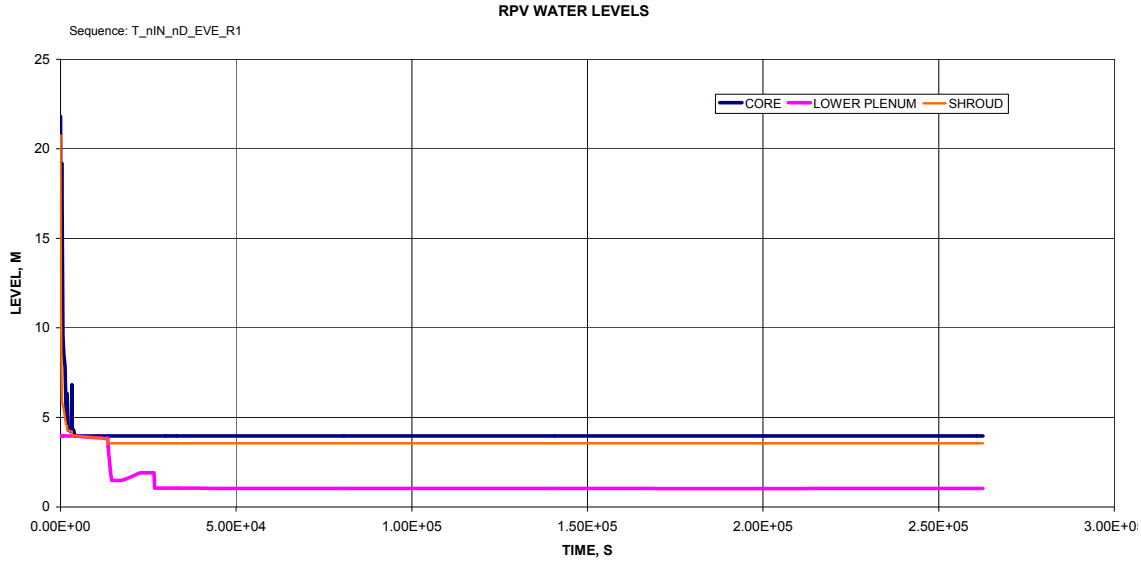

Figure 9A-10b. T_nIN_nD_EVE_R1 RPV Water Levels

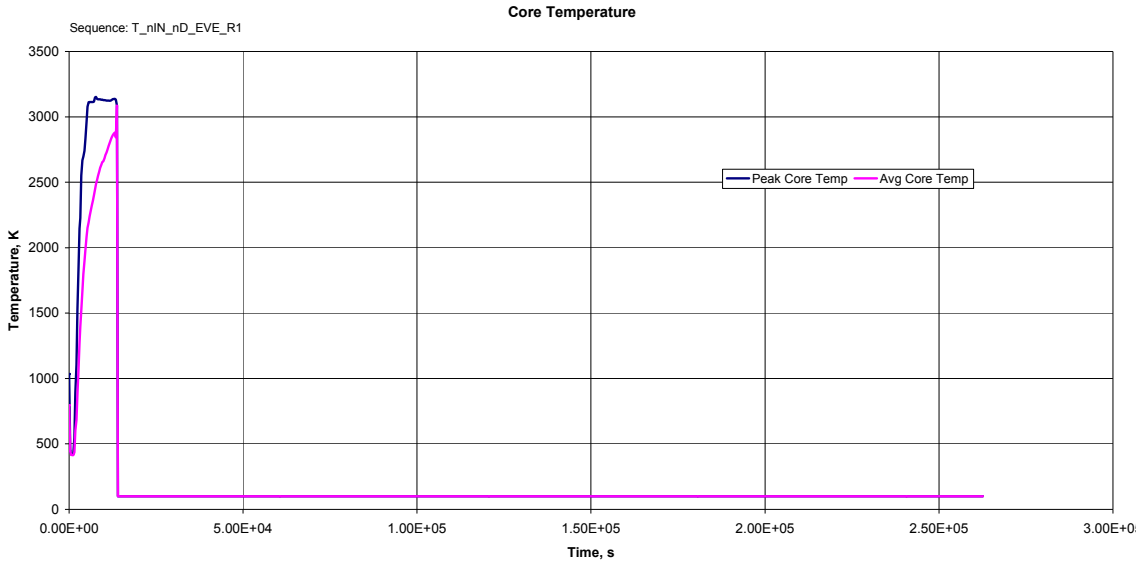

Figure 9A-10c. T_nIN_nD_EVE_R1 RPV Core Temperature

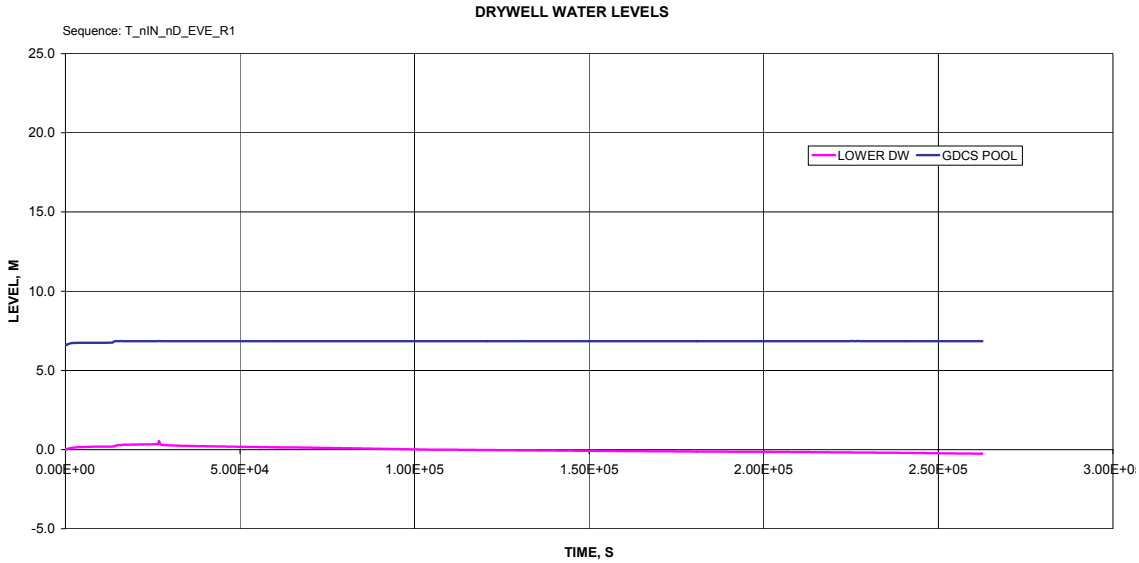

Figure 9A-10d. T_nIN_nD_EVE_R1 RPV Drywell Water Levels

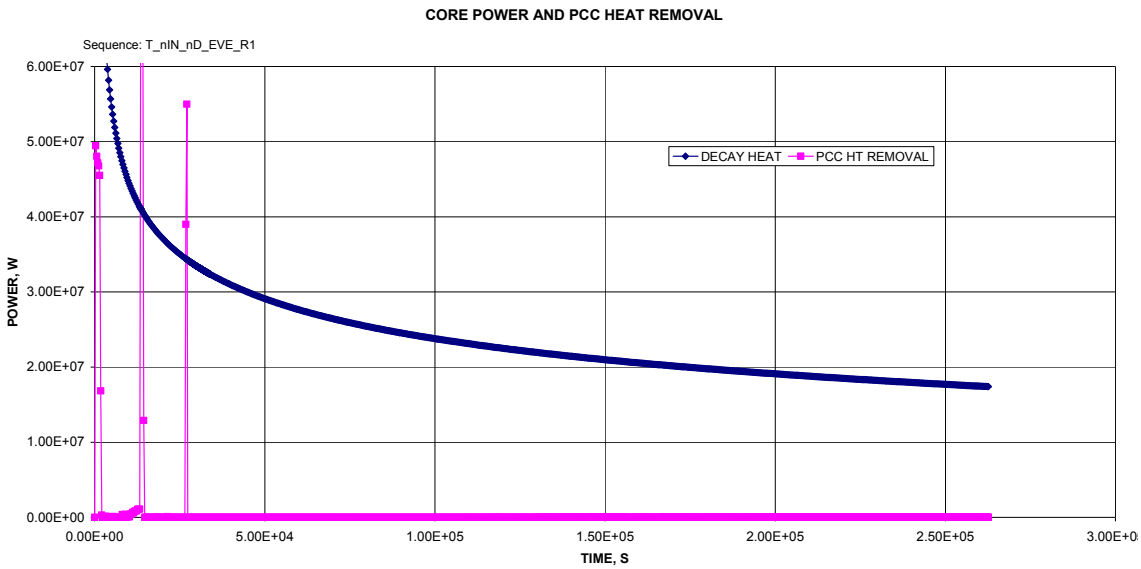

Figure 9A-10e. T_nIN_nD_EVE_R1 RPV Core Power and PCCS Heat Removal

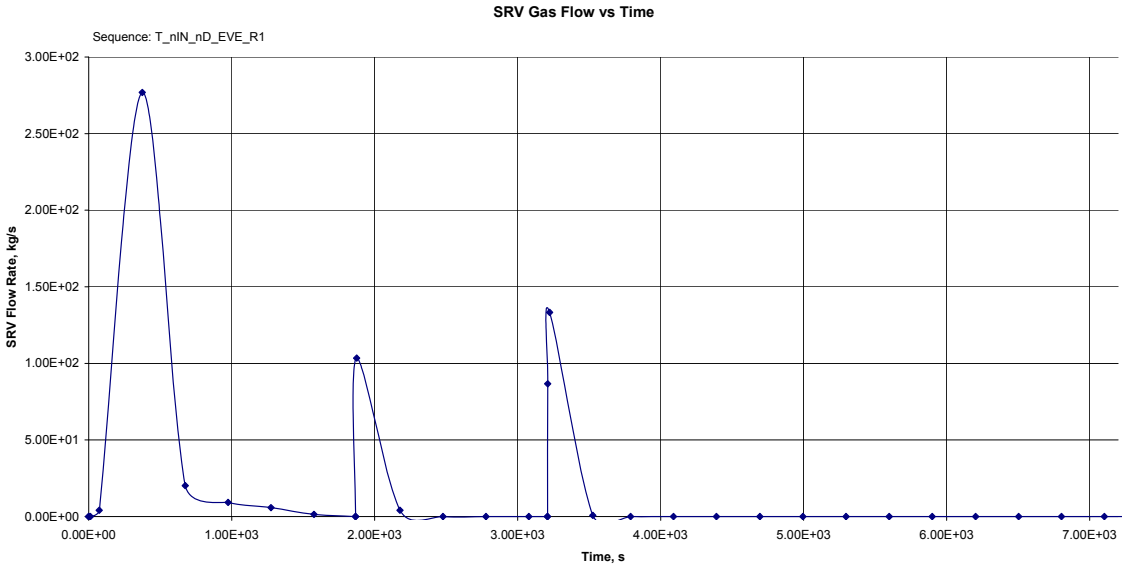

Figure 9A-10f. T_nIN_nD_EVE_R1 RPV SRV Gas Flow vs. Time

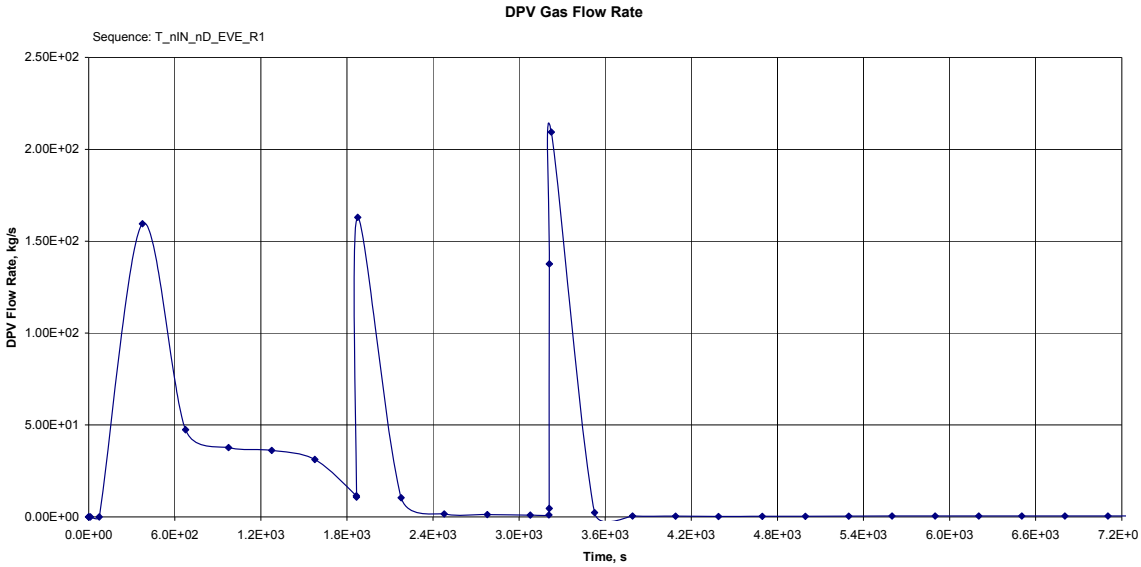

Figure 9A-10g. T_nIN_nD_EVE_R1 RPV DPV Gas Flow Rate

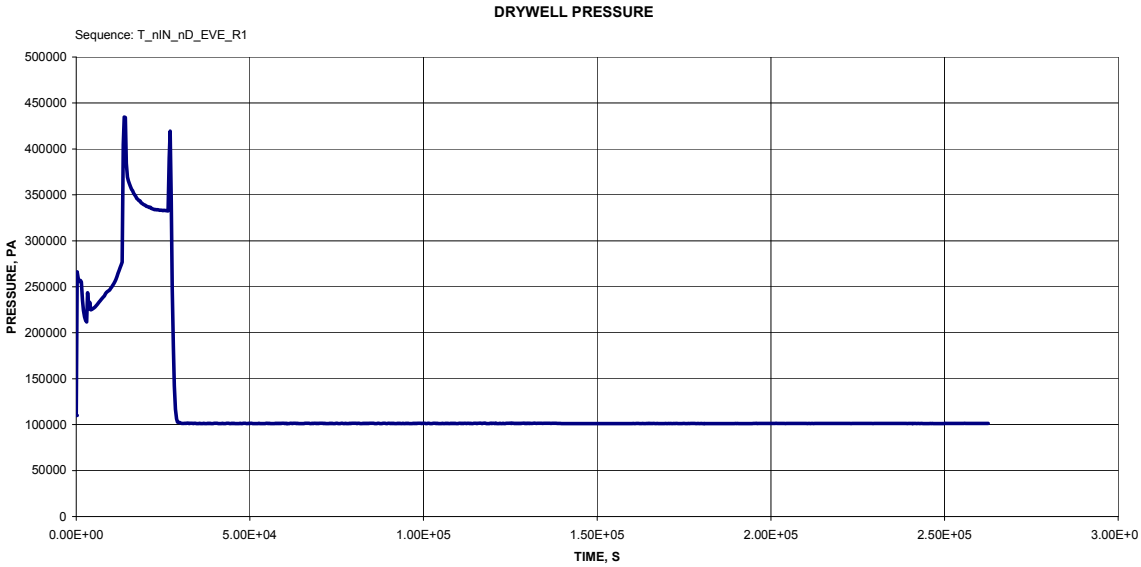

Figure 9A-10h. T_nIN_nD_EVE_R1 RPV Drywell Pressure

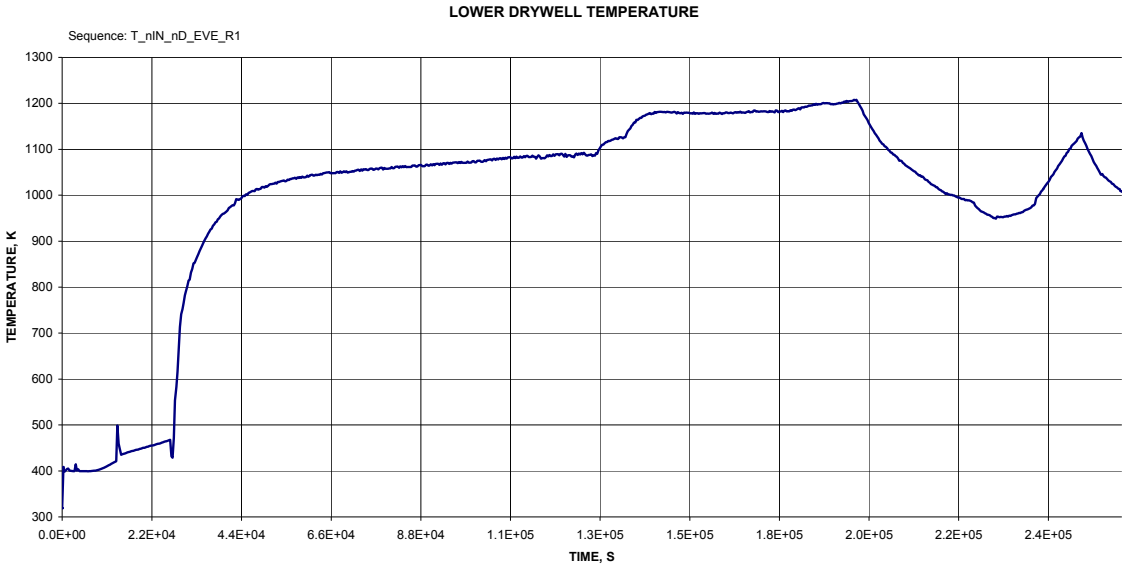

Figure 9A-10i. T_nIN_nD_EVE_R1 RPV Lower Drywell Temperature

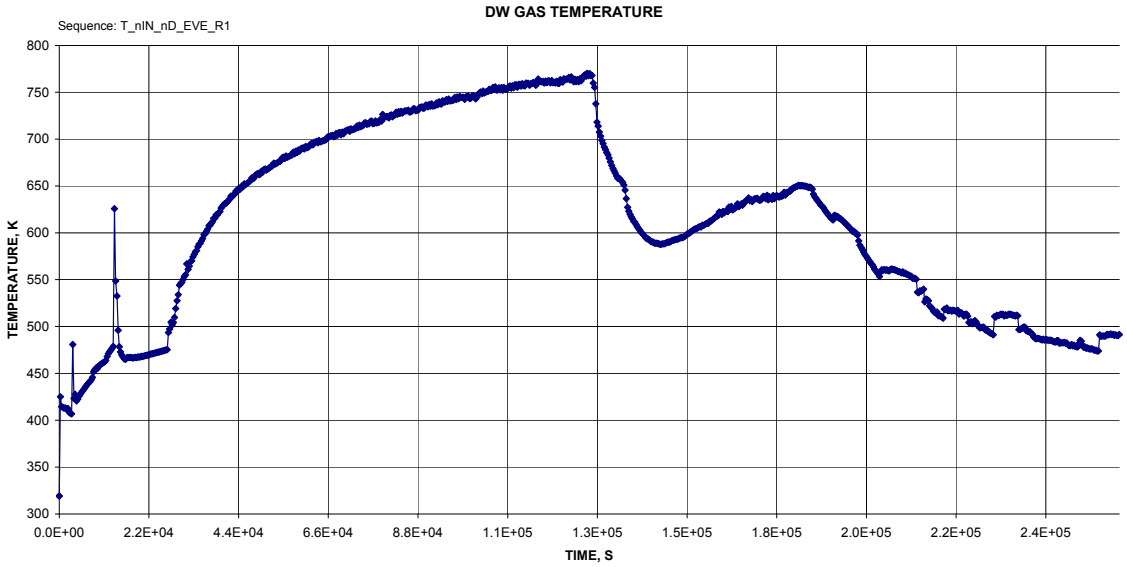

Figure 9A-10j. T_nIN_nD_EVE_R1 RPV DW Gas Temperature

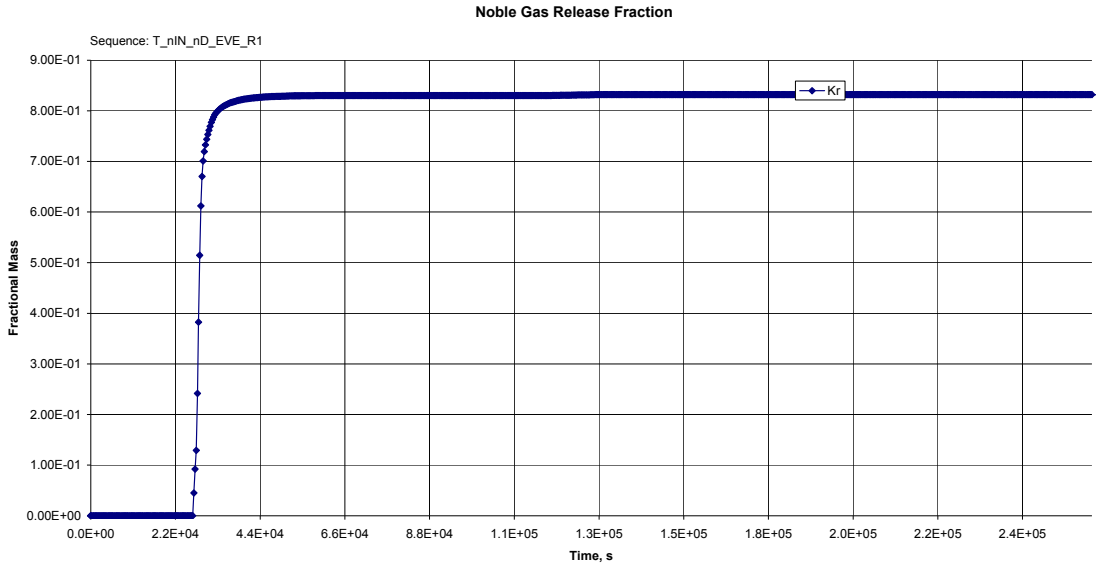

Figure 9A-10k. T_nIN_nD_EVE_R1 RPV Noble Gas Release Fraction

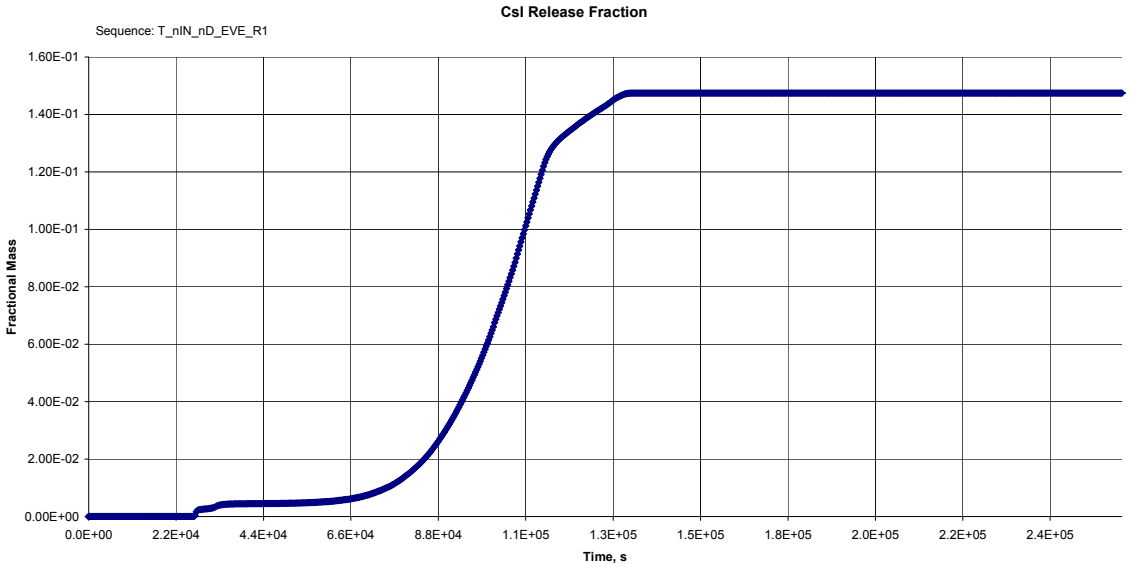

Figure 9A-10l. T_nIN_nD_EVE_R1 RPV CsI Release Fraction

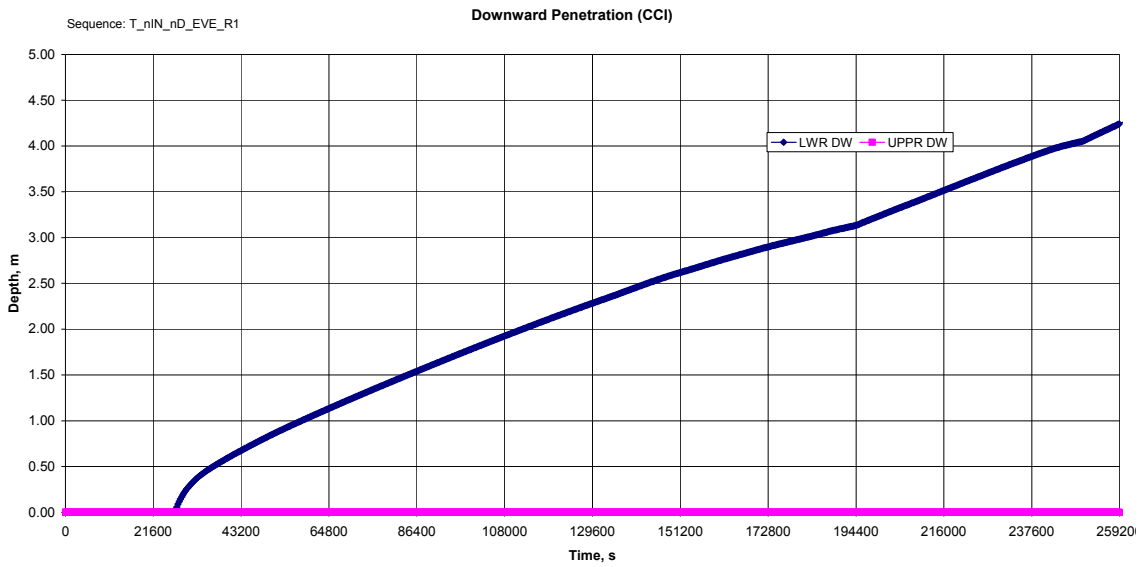

Figure 9A-10m.T_nIN_nD_EVE_R1 RPV Downward Penetration (CCI)

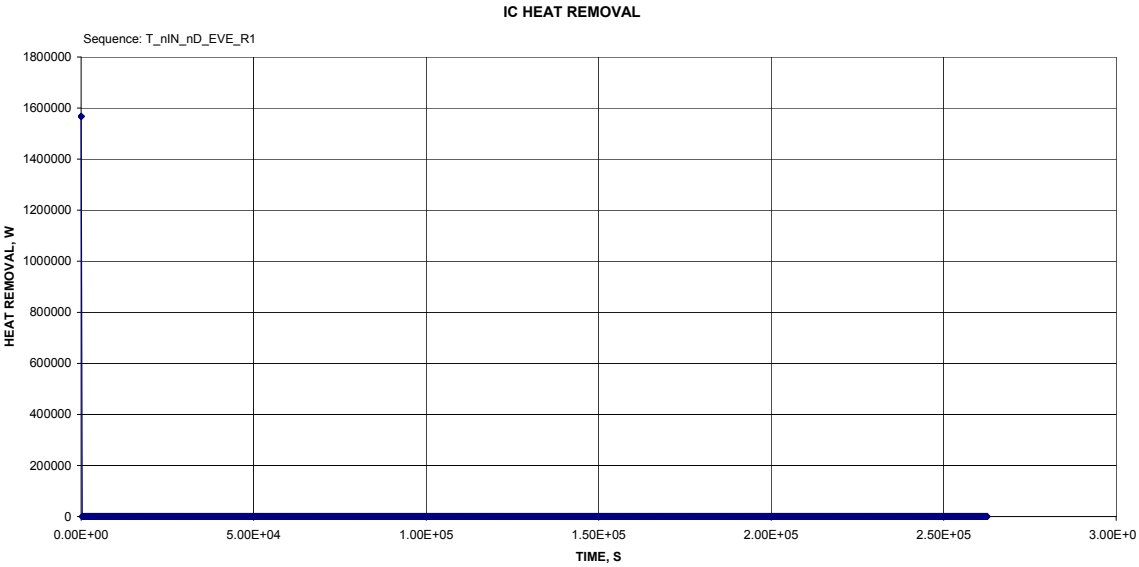

Figure 9A-10n. T_nIN_nD_EVE_R1 RPV ICS Heat Removal

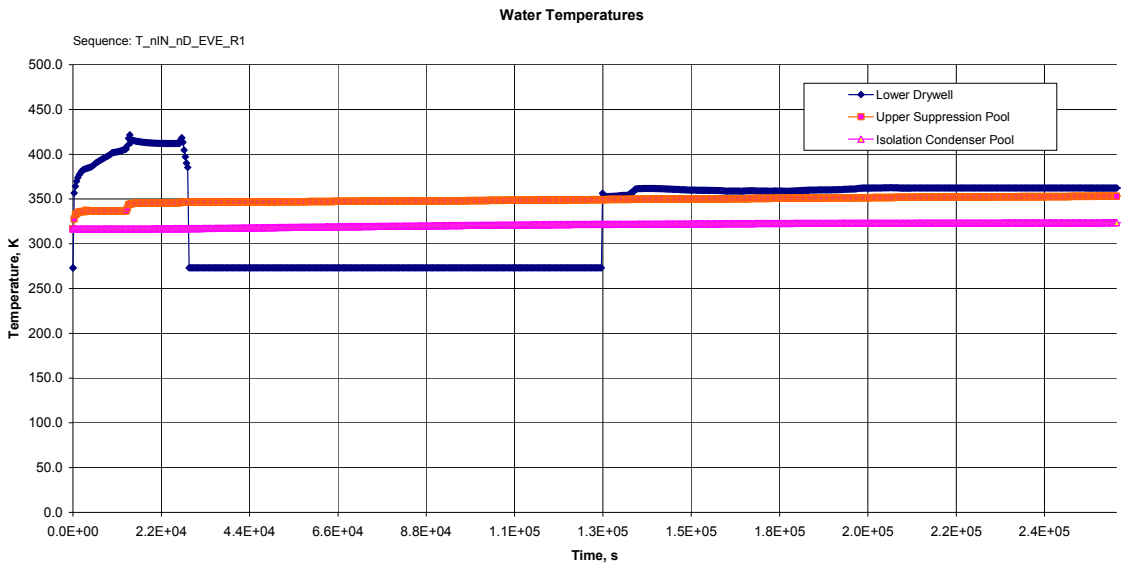

Figure 9A-10o. T_nIN_nD_EVE_R1 RPV Water Temperatures

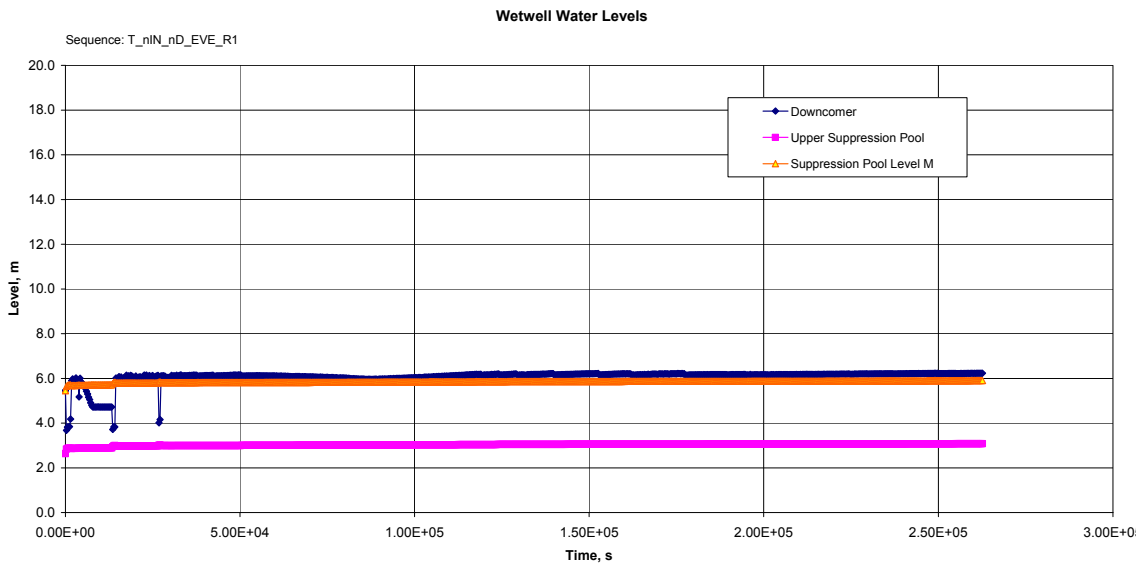

Figure 9A-10p. T_nIN_nD_EVE_R1 RPV Wetwell Water Levels

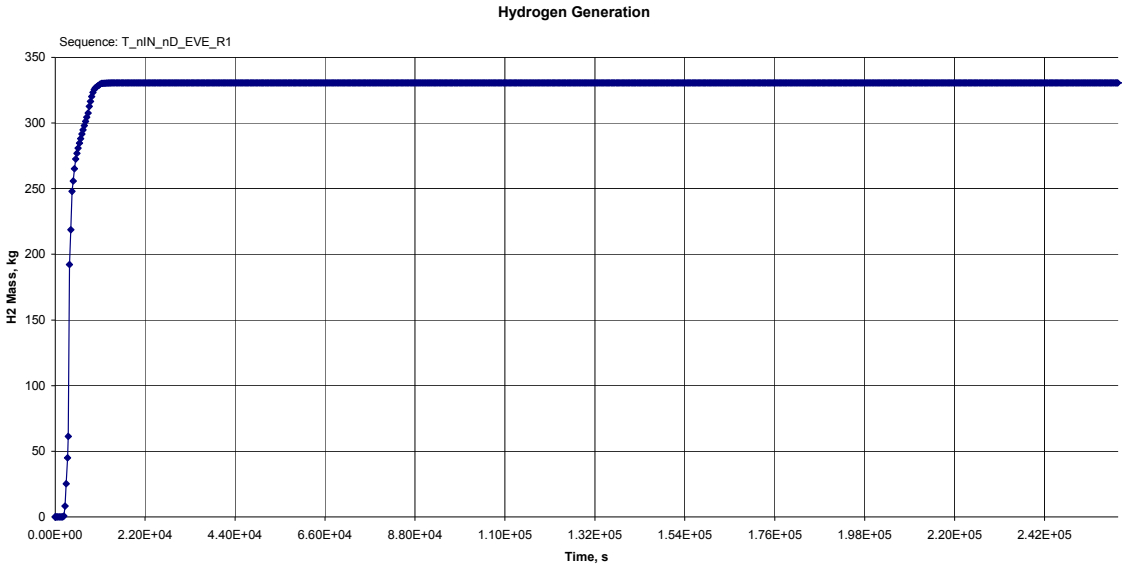

Figure 9A-10q. T_nIN_nD_EVE_R1 RPV Hydrogen Generation

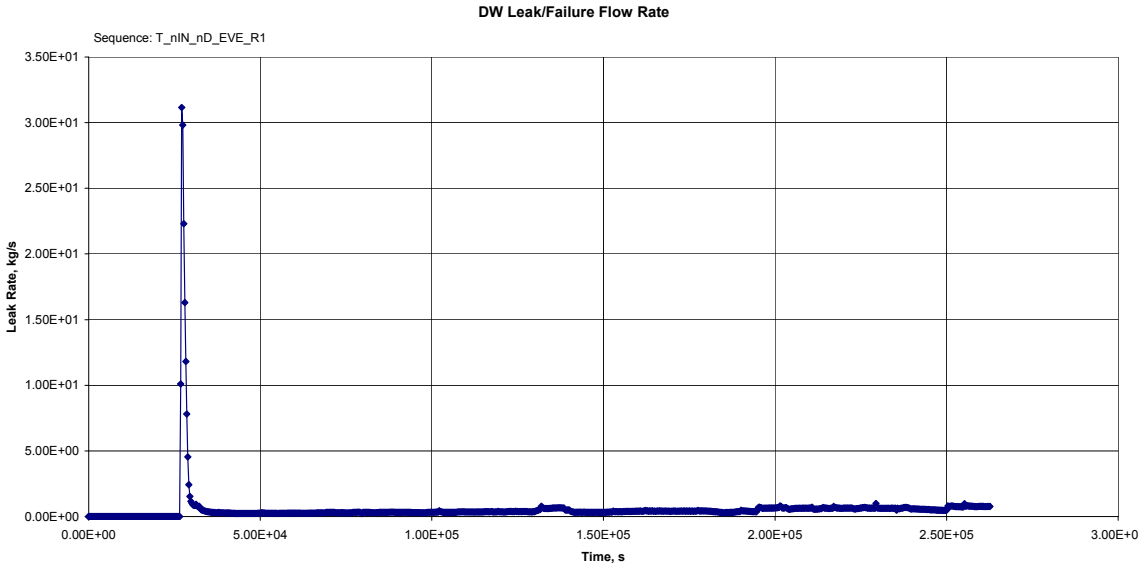

Figure 9A-10r. T_nIN_nD_EVE_R1 RPV DW Leak/Failure Flow Rate

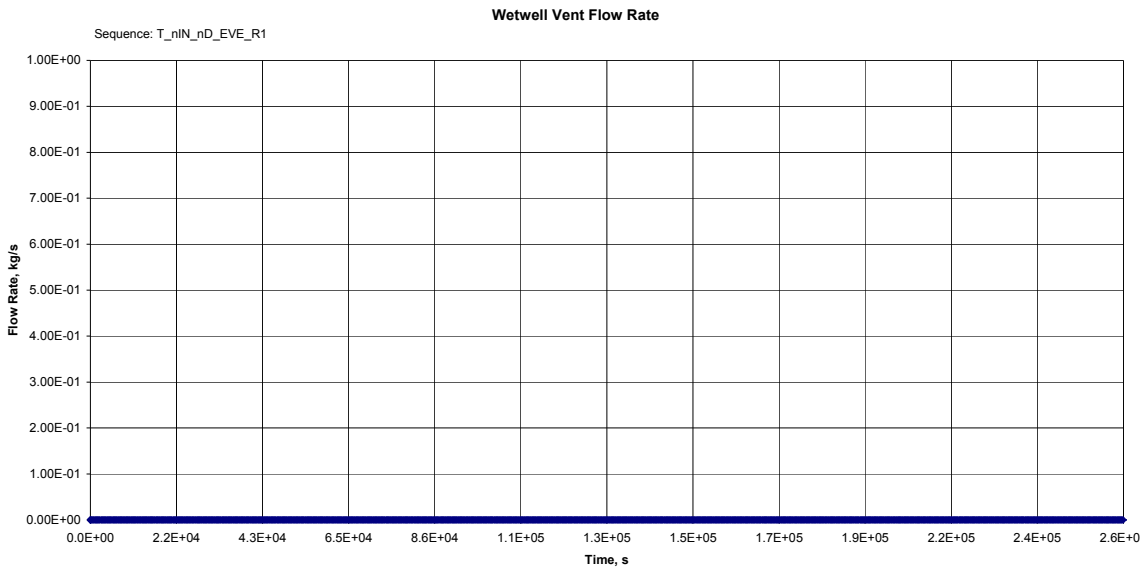

Figure 9A-10s. T_nIN_nD_EVE_R1 RPV Wetwell Vent Flow Rate

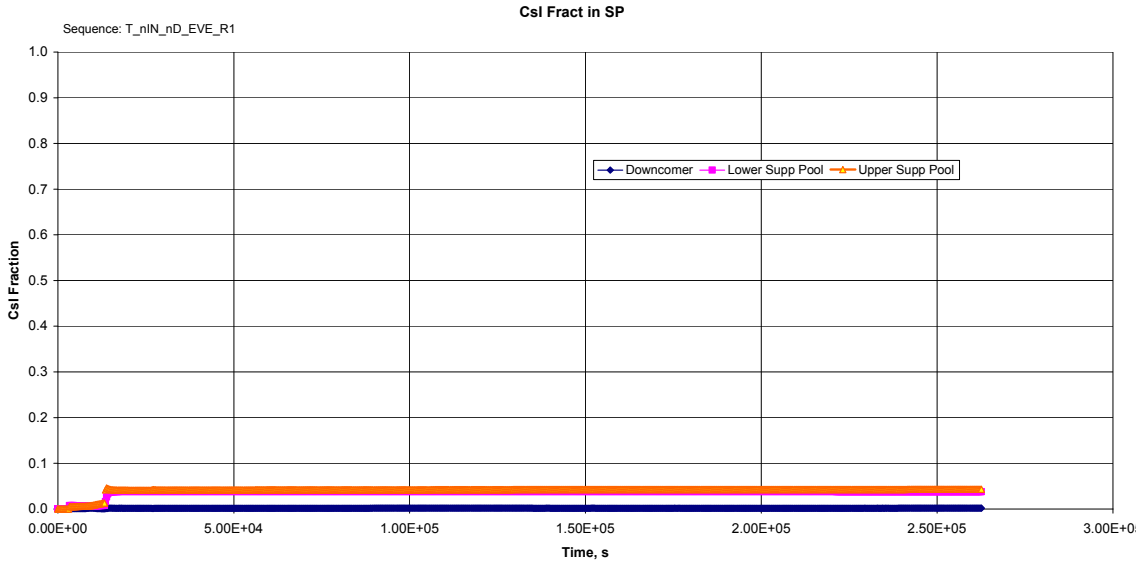

Figure 9A-10t. T_nIN_nD_EVE_R1 RPV CsI Fraction in SP

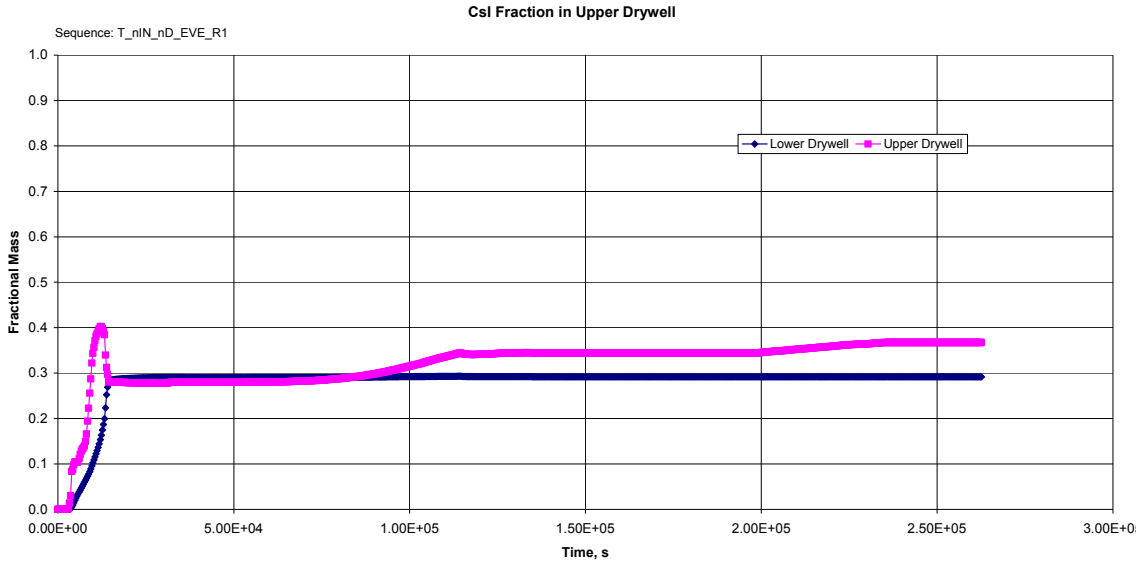

Figure 9A-10u. T_nIN_nD_EVE_R1 RPV CsI Fraction in Upper Drywell

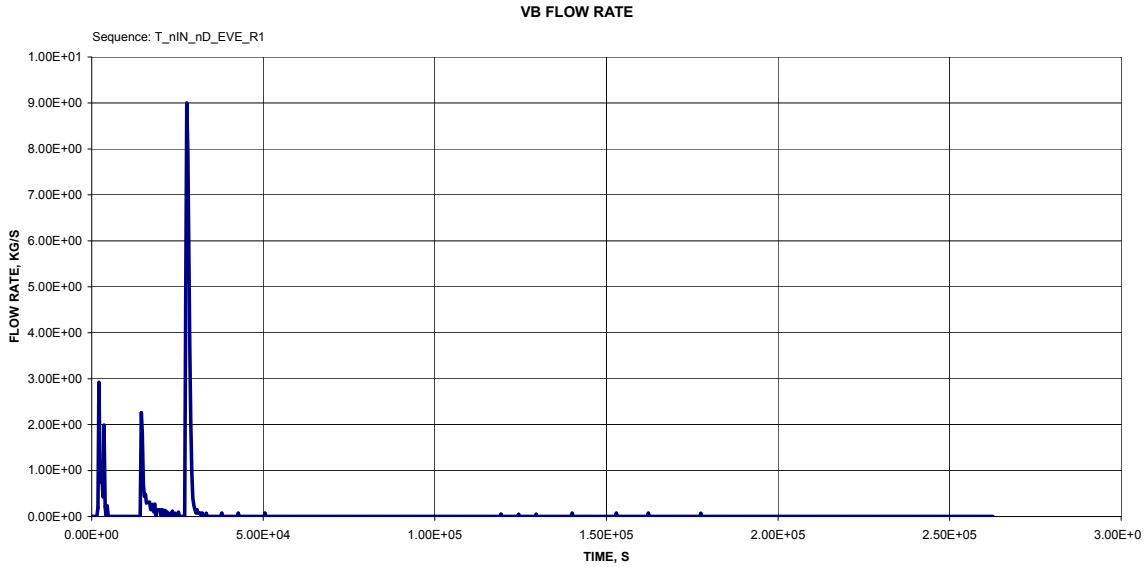

Figure 9A-10v. T_nIN_nD_EVE_R1 RPV VB Flow Rate

9A.11 Filtered Release T- AT_nIN_nCHR_FR_R4

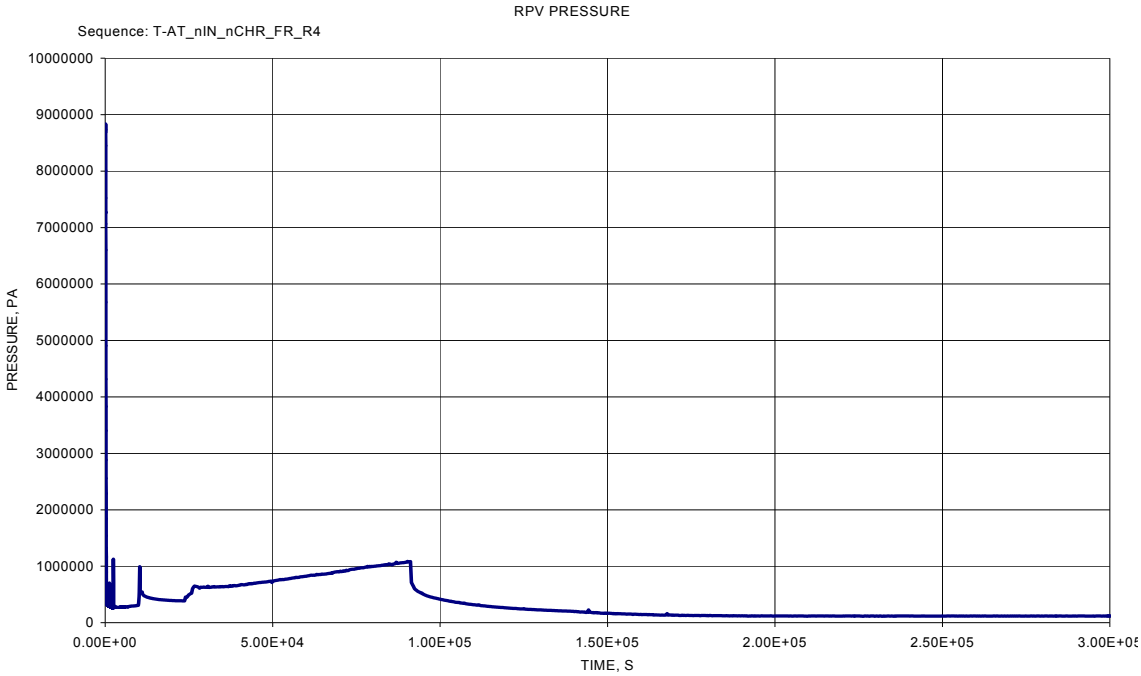

Figure 9A-11a. T-AT_nIN_nCHR_FR_R4 RPV Pressure

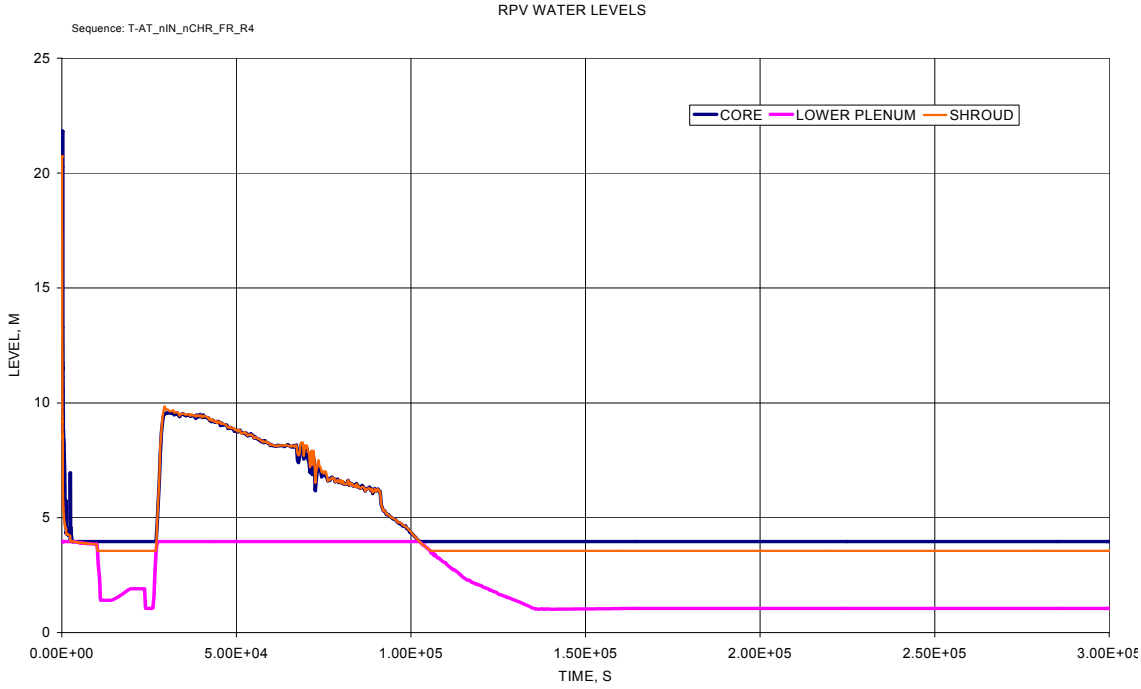

Figure 9A-11b. T-AT_nIN_nCHR_FR_R4 RPV Water Levels

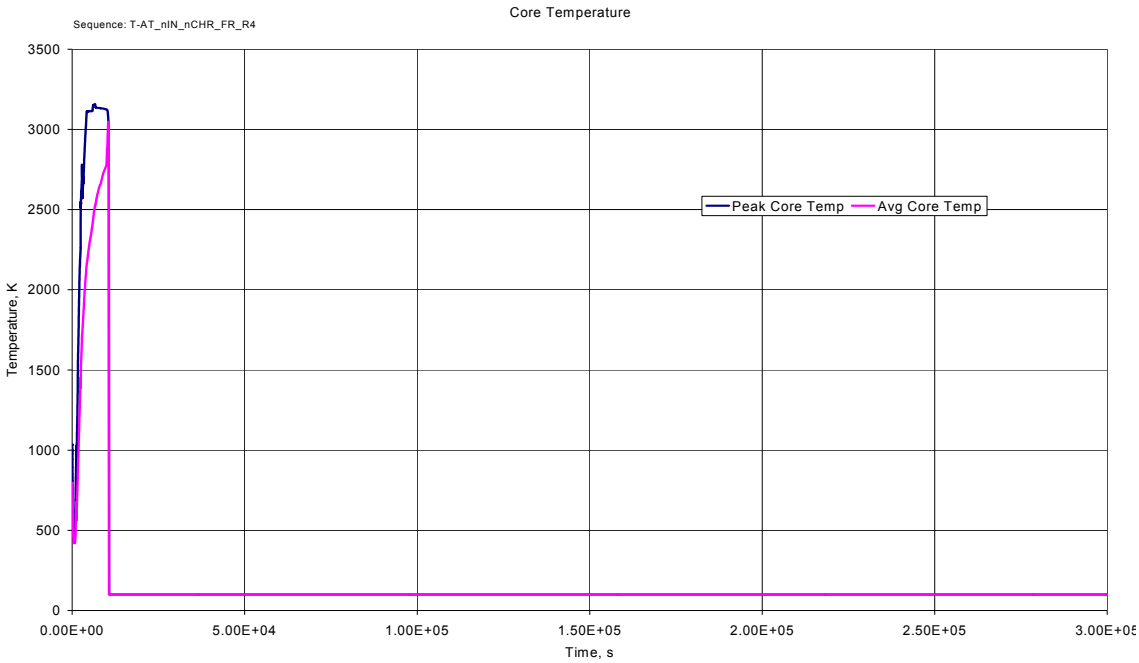

Figure 9A-11c. T-AT_nIN_nCHR_FR_R4 Core Temperature

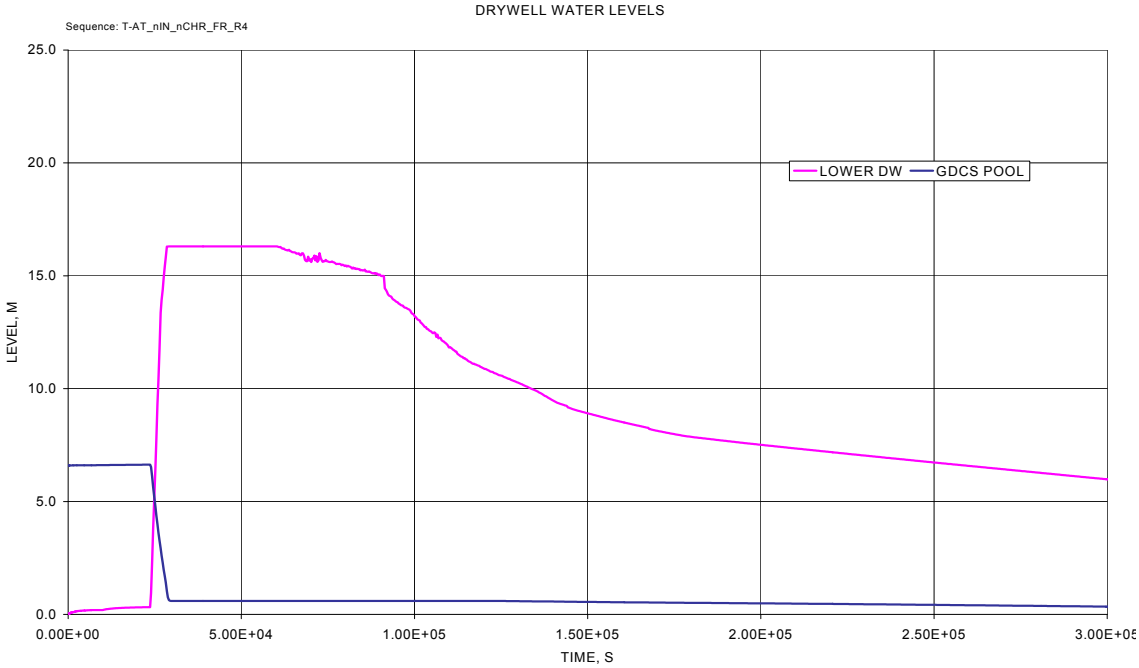

Figure 9A-11d. T-AT_nIN_nCHR_FR_R4 Drywell Water Levels

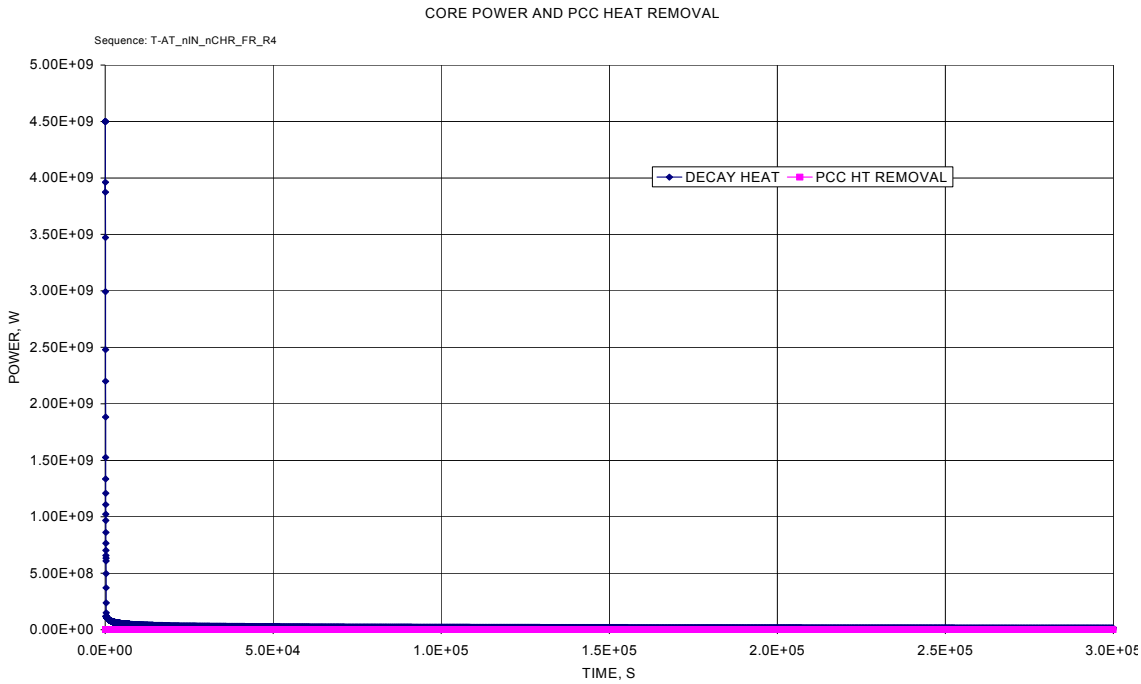

Figure 9A-11e. T-AT_nIN_nCHR_FR_R4 Core Power and PCCS Heat Removal

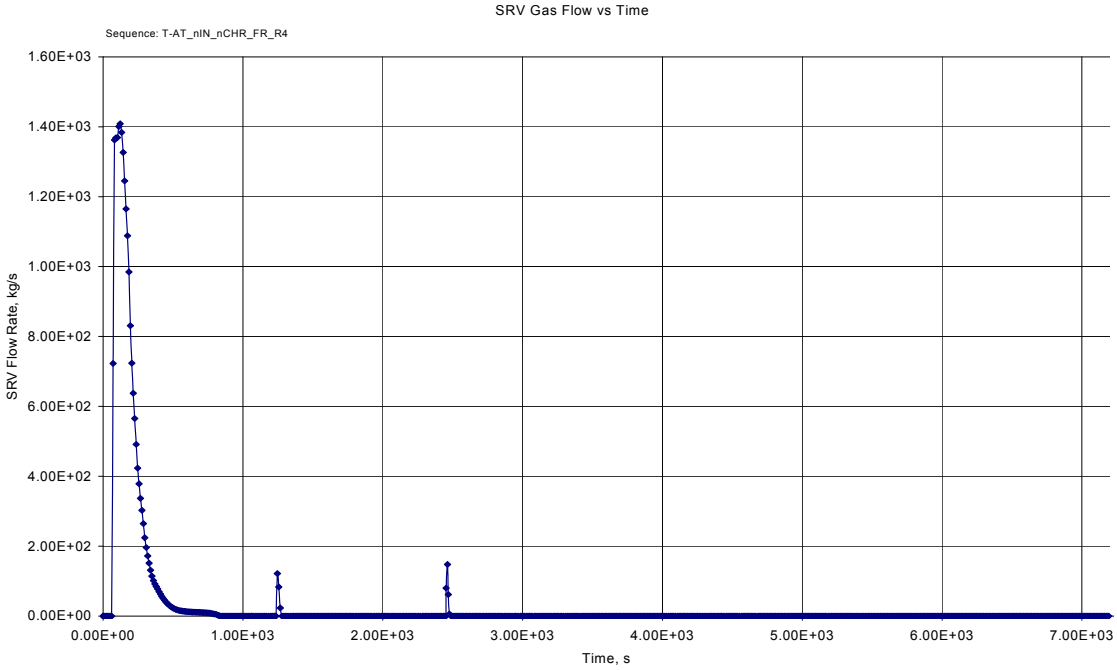

Figure 9A-11f. T-AT_nIN_nCHR_FR_R4 SRV Gas Flow vs. Time

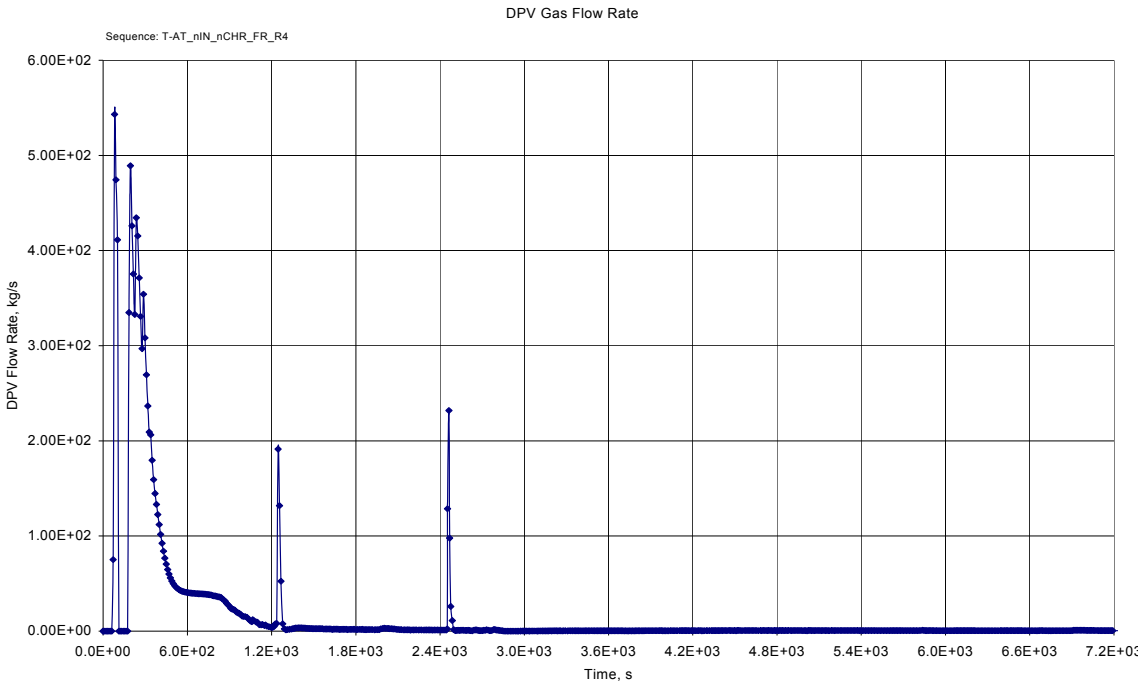

Figure 9A-11g. T-AT_nIN_nCHR_FR_R4 DPV Gas Flow Rate

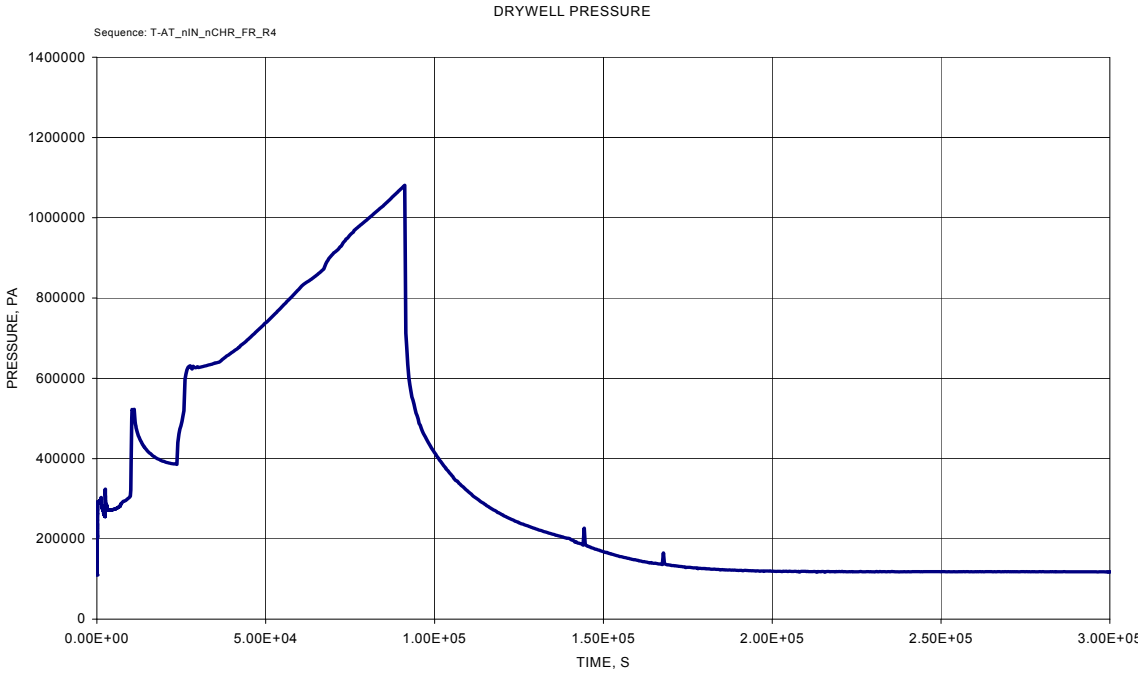

Figure 9A-11h. T-AT_nIN_nCHR_FR_R4 Drywell Pressure

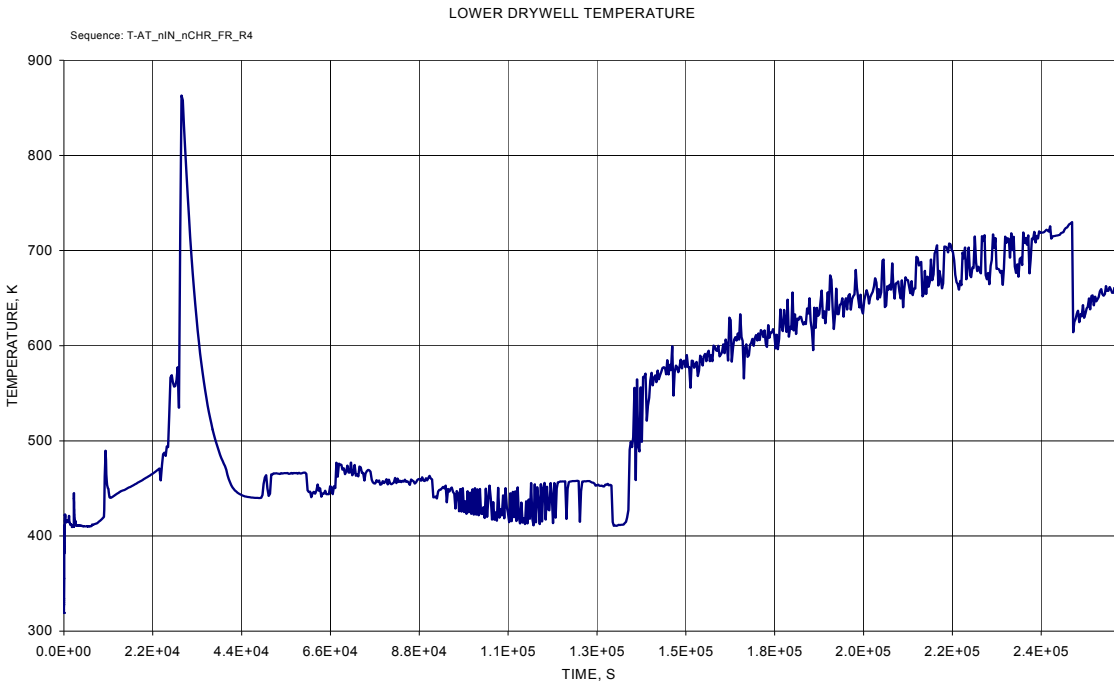

Figure 9A-11i. T-AT_nIN_nCHR_FR_R4 Lower Drywell Temperature

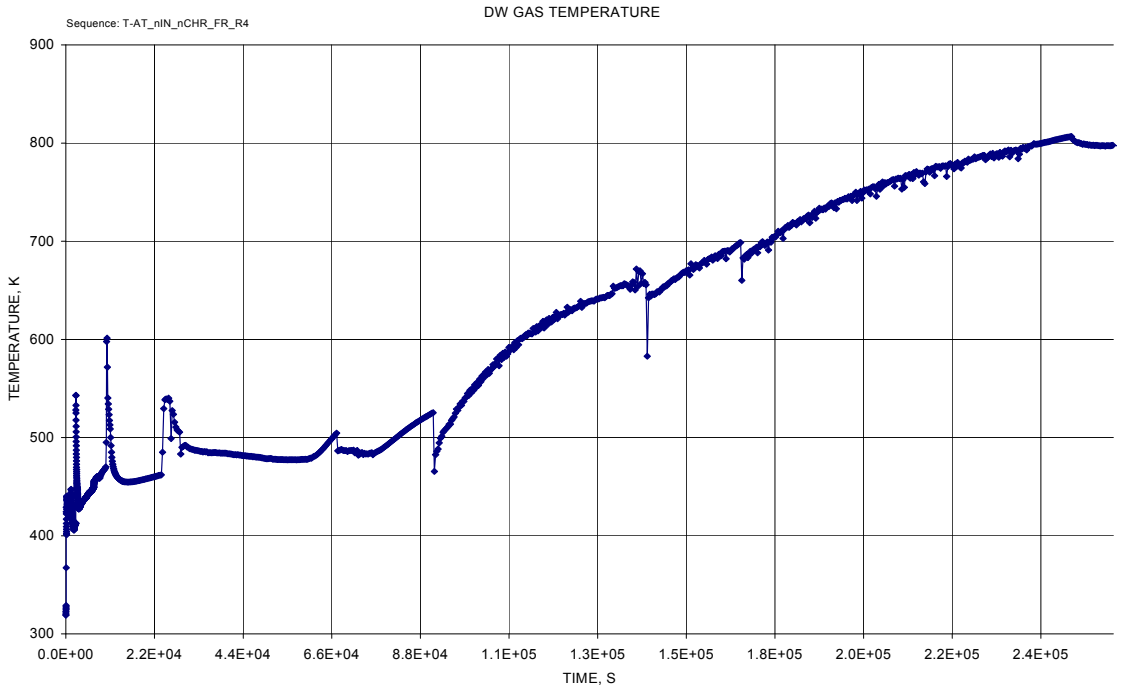

Figure 9A-11j. T-AT_nIN_nCHR_FR_R4 DW Gas Temperature

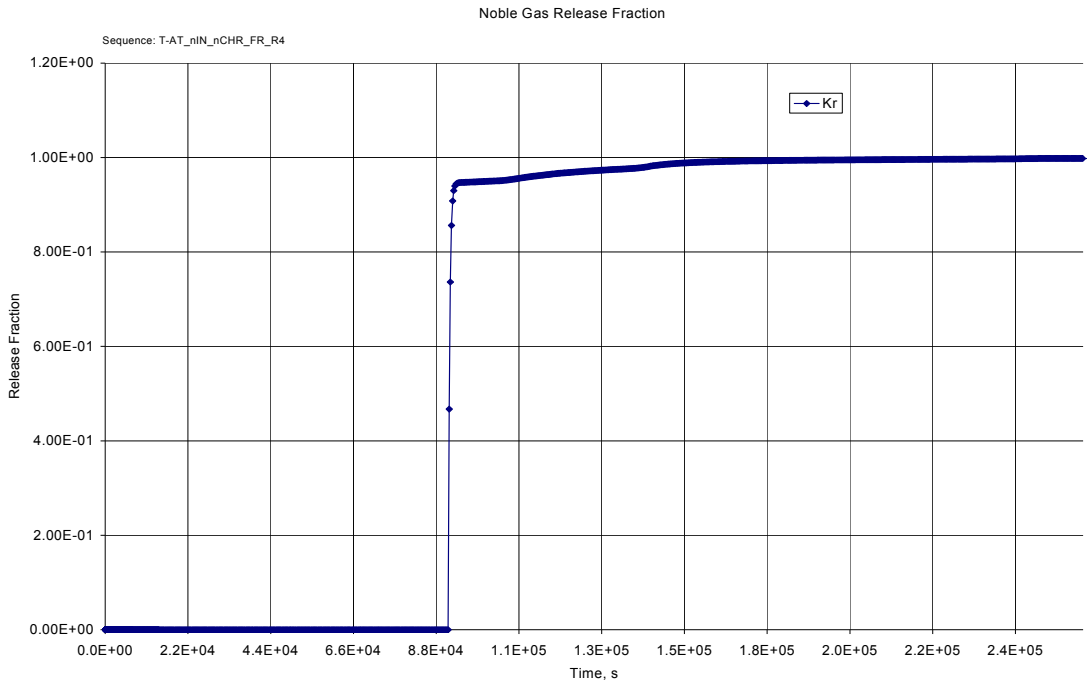

Figure 9A-11k. T-AT_nIN_nCHR_FR_R4 Noble Gas Release Fraction

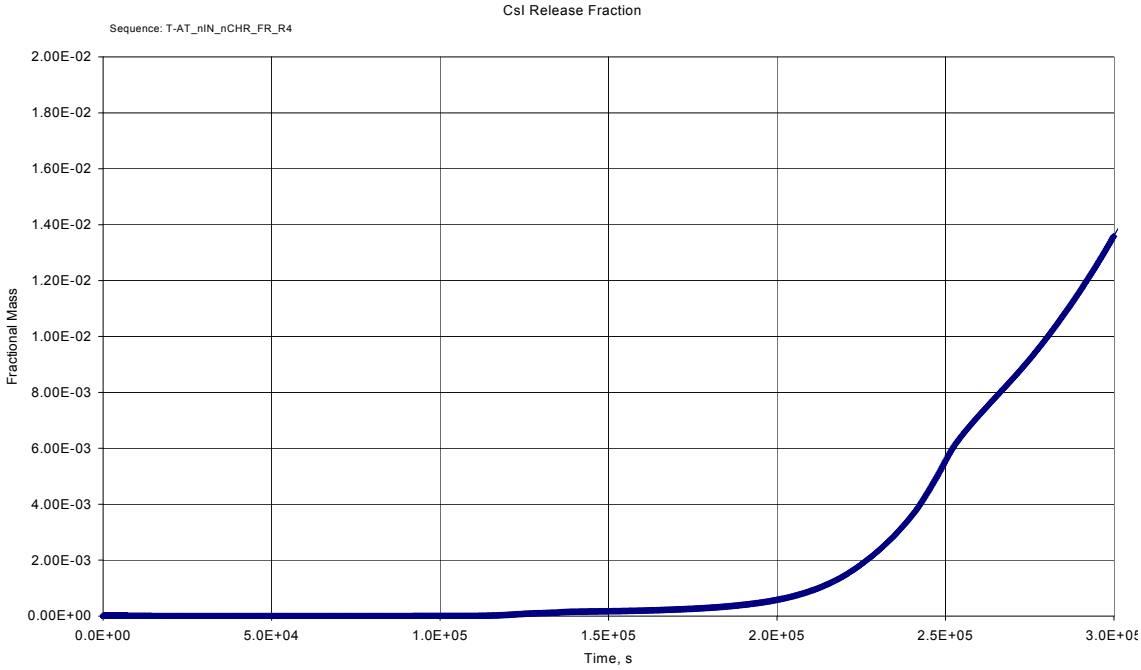

Figure 9A-11l. T-AT_nIN_nCHR_FR_R4 CsI Release Fraction

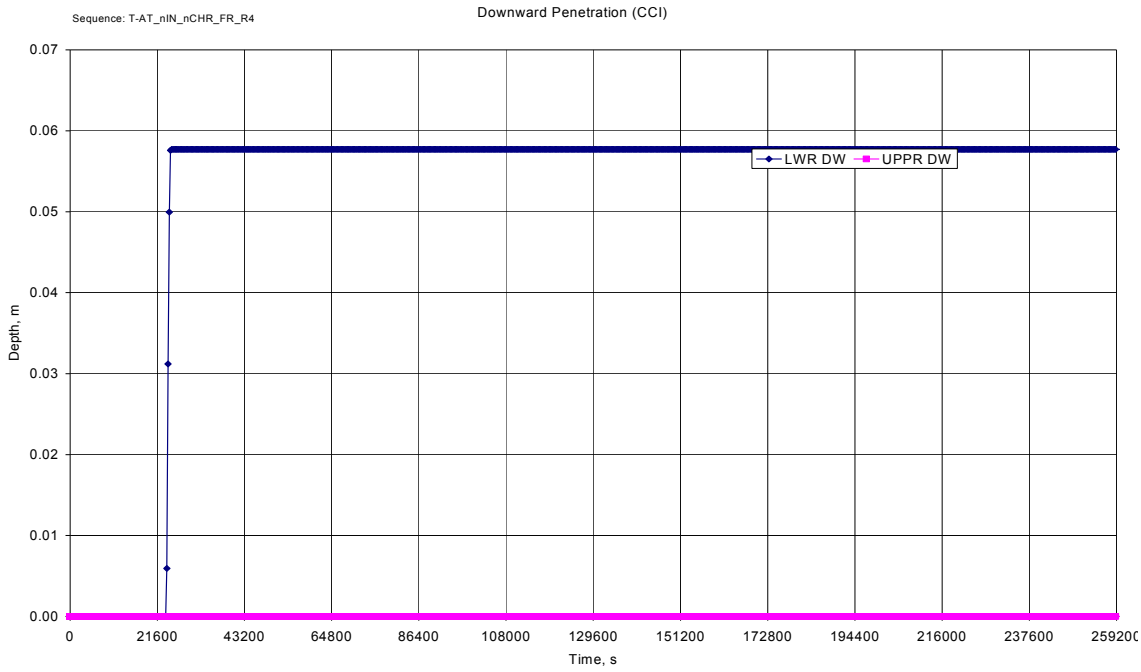

Figure 9A-11m.T-AT_nIN_nCHR_FR_R4 Downward Penetration (CCI)

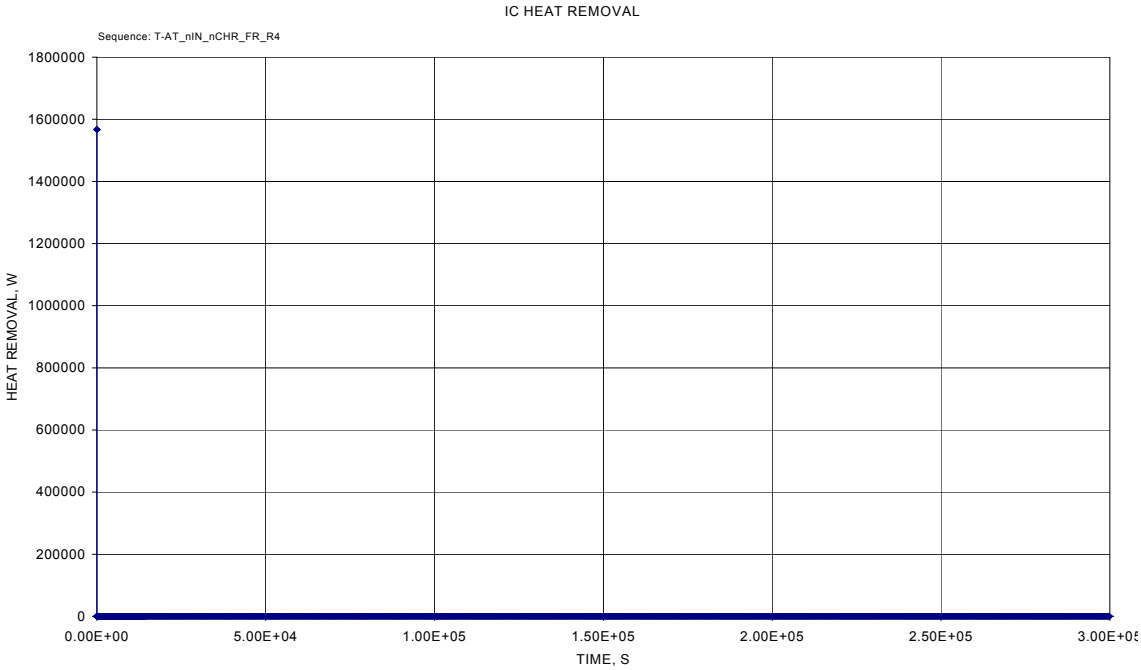

Figure 9A-11n. T-AT_nIN_nCHR_FR_R4 ICS Heat Removal

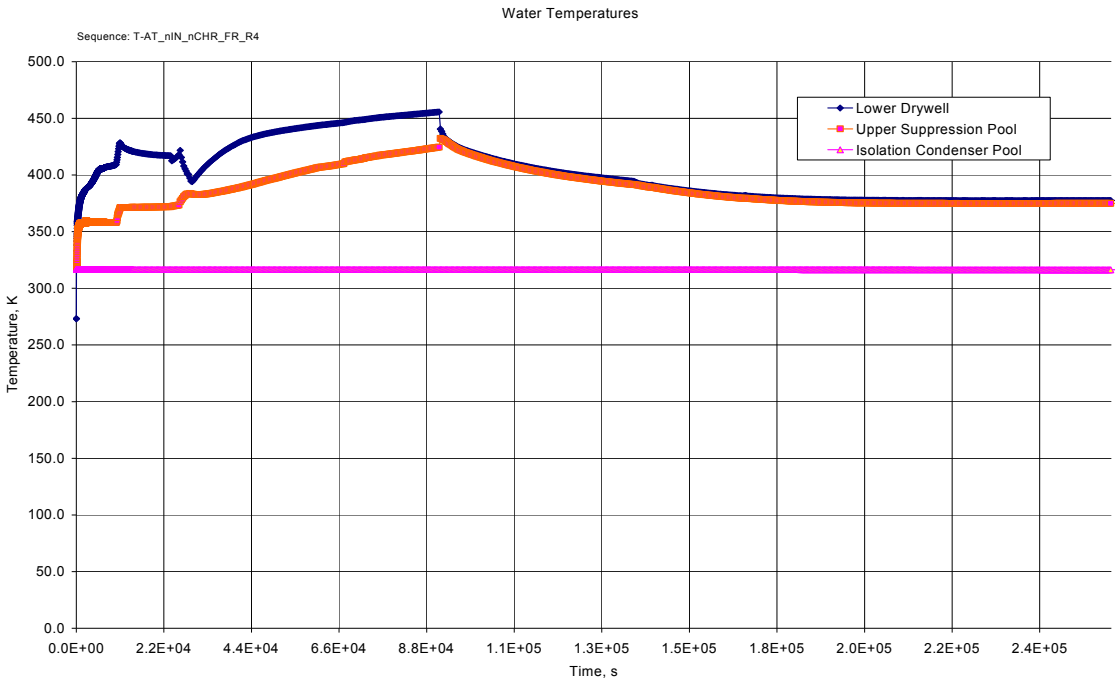

Figure 9A-11o. T-AT_nIN_nCHR_FR_R4 Water Temperature

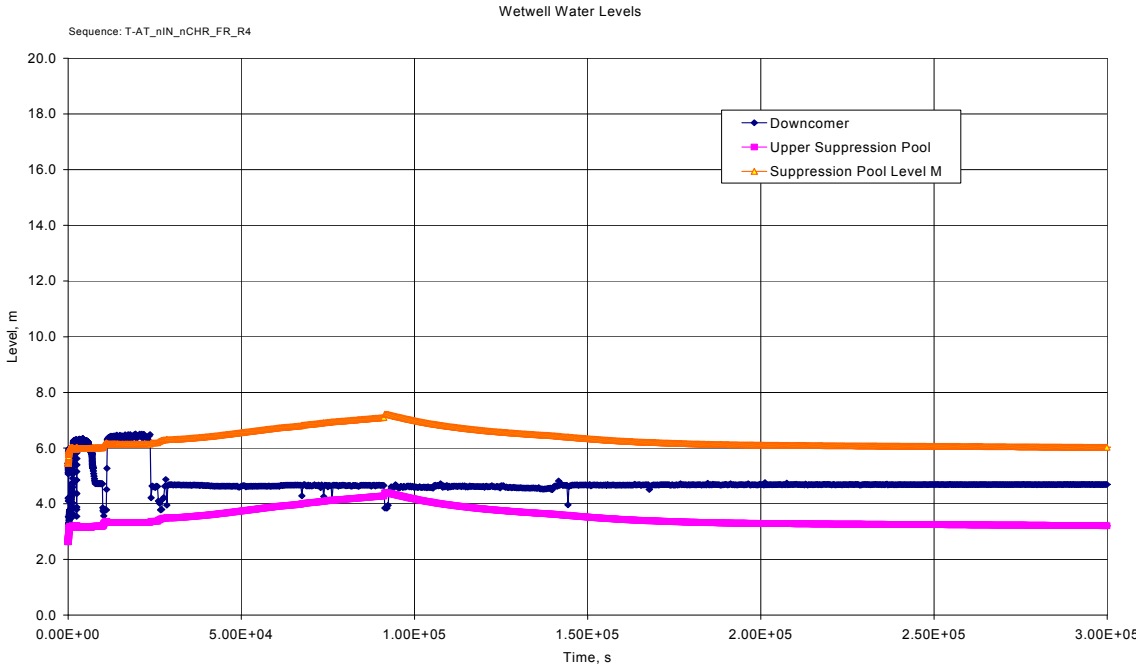

Figure 9A-11p. T-AT_nIN_nCHR_FR_R4 Wetwell Water Levels

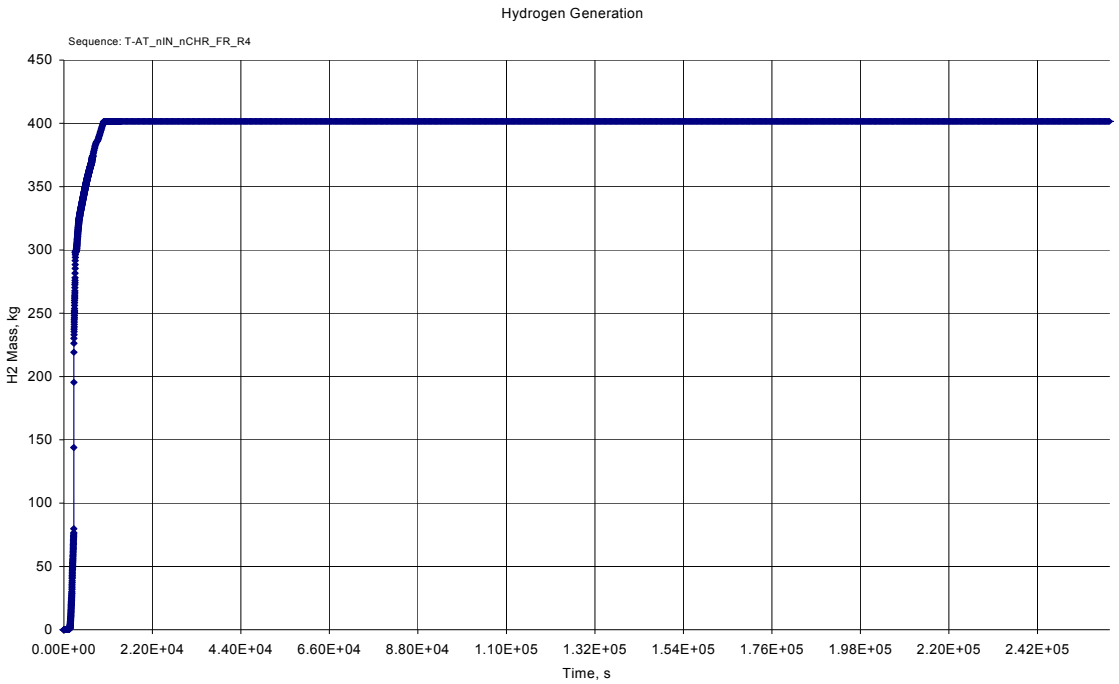

Figure 9A-11q. T-AT_nIN_nCHR_FR_R4 Hydrogen Generation

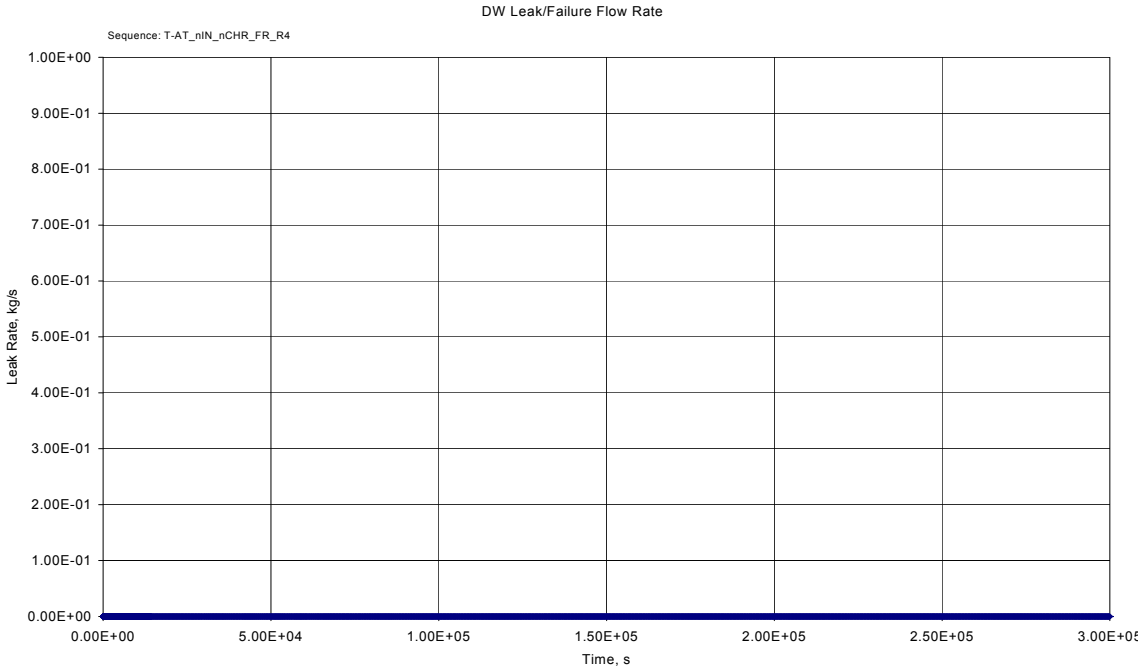

Figure 9A-11r. T-AT_nIN_nCHR_FR_R4 DW Leak/Failure Flow Rate

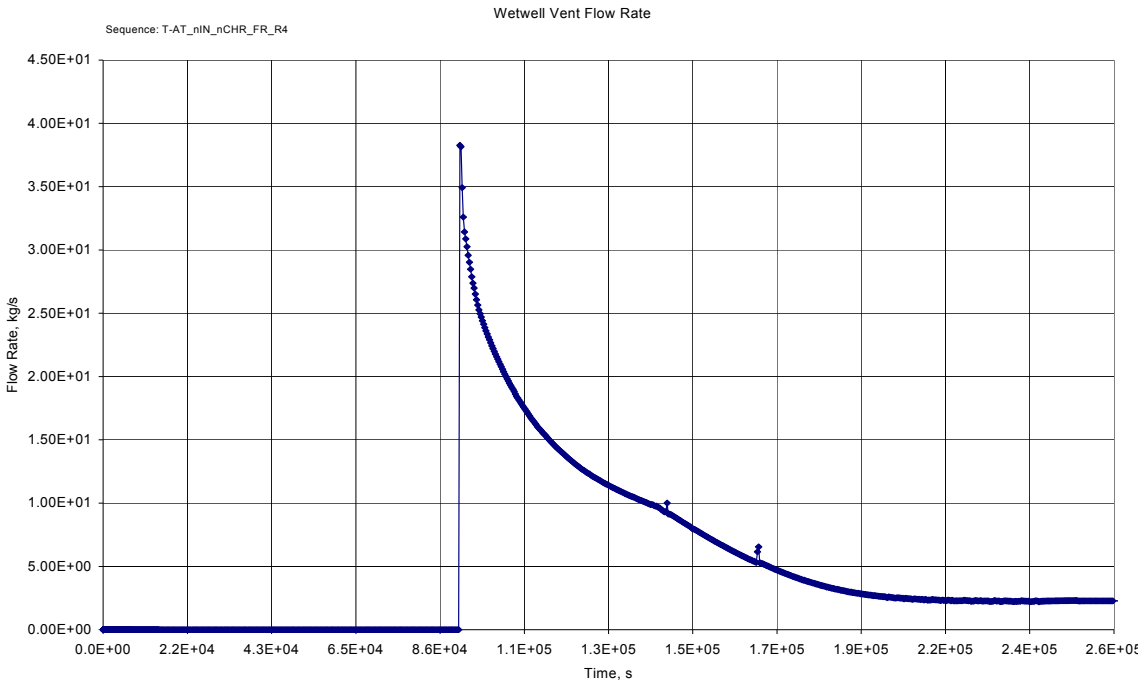

Figure 9A-11s. T-AT_nIN_nCHR_FR_R4 Wetwell Vent Flow Rate

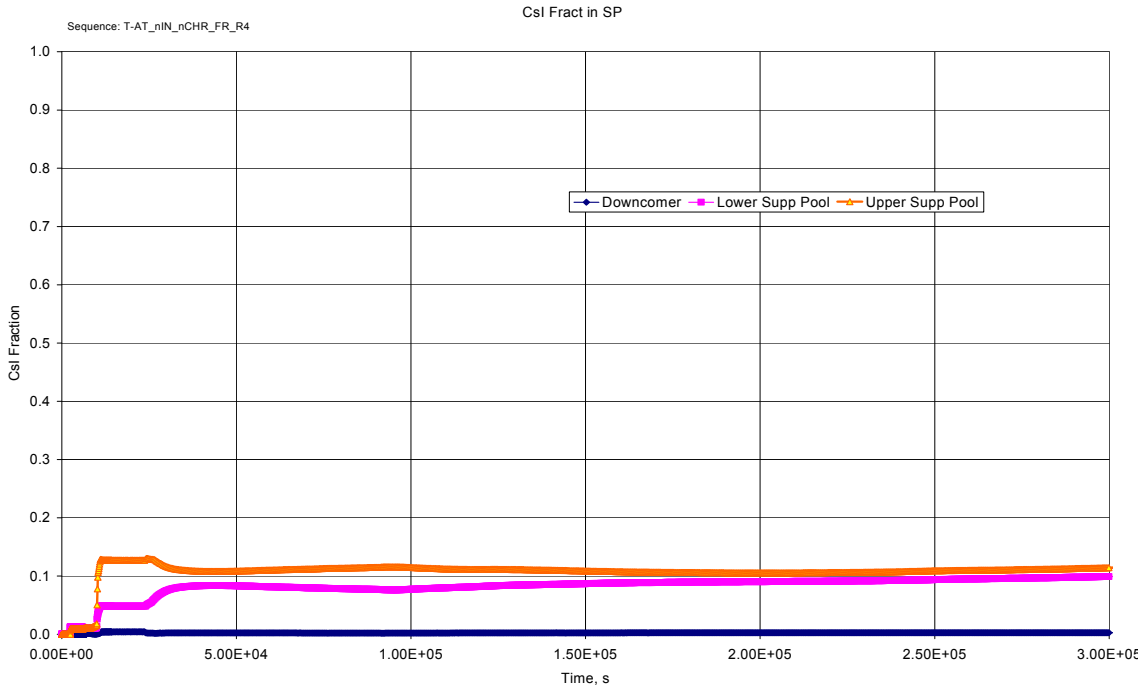

Figure 9A-11t. T-AT_nIN_nCHR_FR_R4 CsI Fraction in SP

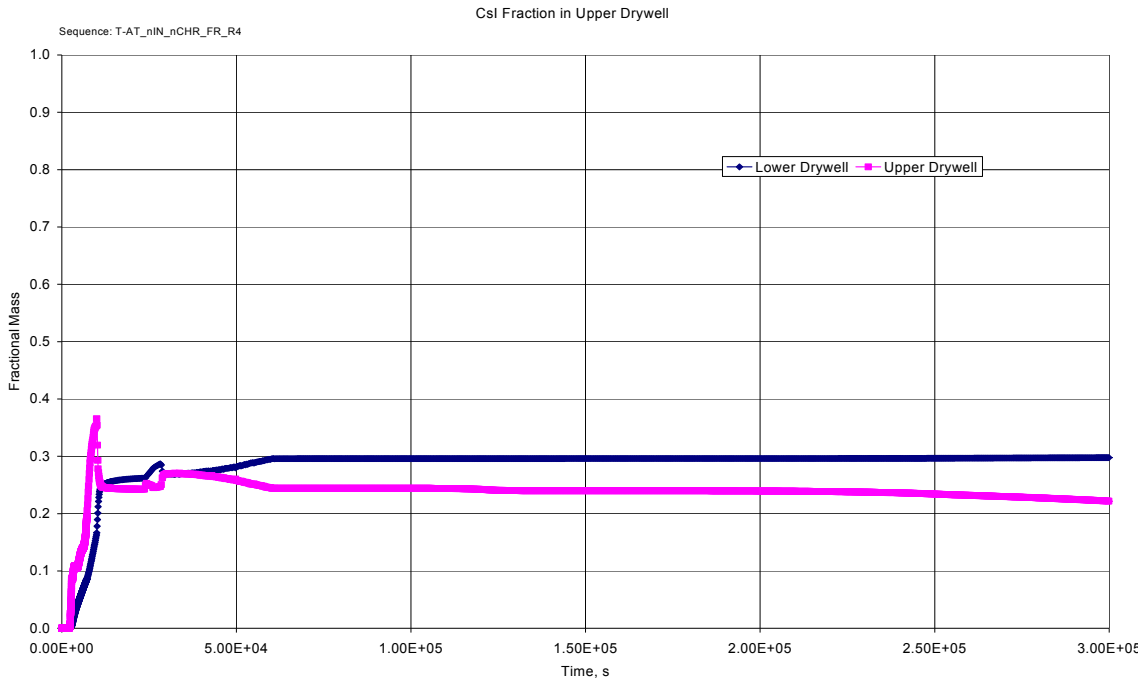

Figure 9A-11u. T-AT_nIN_nCHR_FR_R4 CsI Fraction in Upper Drywell

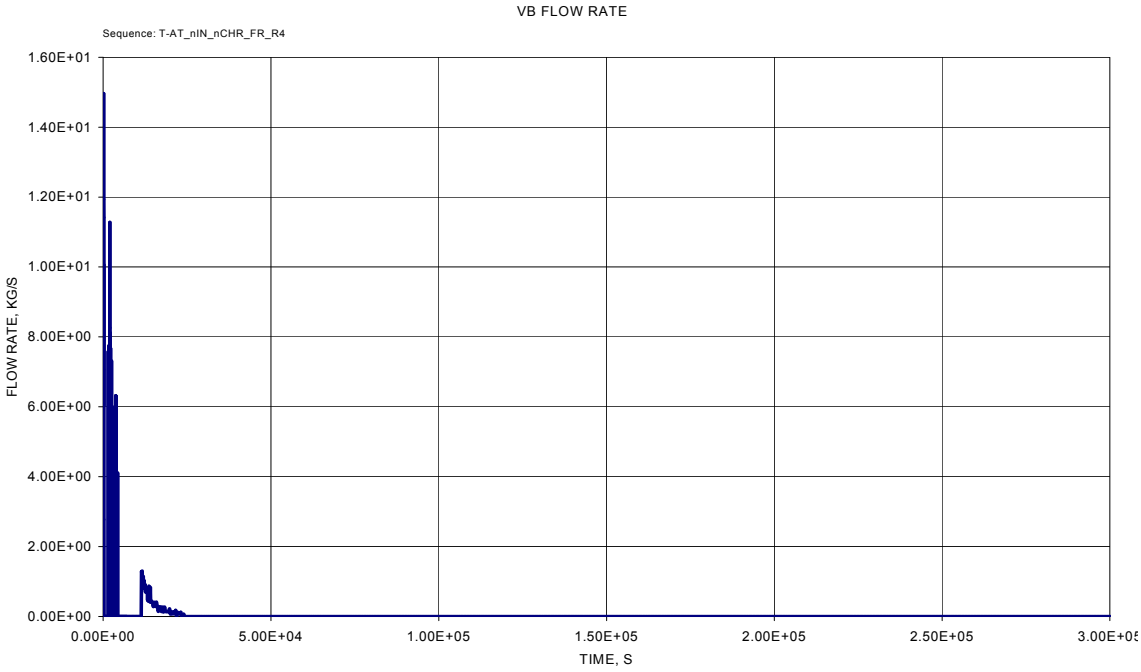

Figure 9A-11v. T-AT_nIN_nCHR_FR_R4 VB Flow Rate

9A.12. Filtered Release (Vent @ 50% Cont. U.S.) T-AT_nIN_nCHR_FR50_R1

Figure 9A-12a. T-AT_nIN_nCHR_FR50_R1 RPV Pressure (DELETED)

Figure 9A-12b. T-AT_nIN_ nCHR_FR50_R1 RPV Water Levels (DELETED)

Figure 9A-12c. T-AT_nIN_nCHR_FR50_R1 Core Temperature (DELETED)

Figure 9A-12d. T-AT_nIN_nCHR_FR50_R1 Drywell Water Levels (DELETED)

Figure 9A-12e. T-AT_nIN_nCHR_FR50_R1 Core Power and PCCS Heat Removal (DELETED)

Figure 9A-12f. T-AT_nIN_nCHR_FR50_R1 SRV Gas Flow vs. Time (DELETED)

Figure 9A-12g. T-AT_nIN_nCHR_FR50_R1 DPV Gas Flow Rate (DELETED)

Figure 9A-12h. T-AT_nIN_nCHR_FR50_R1 Drywell Pressure (DELETED)

Figure 9A-12i. T-AT_nIN_nCHR_FR50_R1 Lower Drywell Temperature (DELETED)

Figure 9A-12j. T-AT_nIN_nCHR_FR50_R1 DW Gas Temperature (DELETED)

Figure 9A-12k. T-AT_nIN_nCHR_FR50_R1 Noble Gas Release Fraction (DELETED)

Figure 9A-12l. T-AT_nIN_nCHR_FR50_R1 Csl Release Fraction (DELETED)

Figure 9A-12m. T-AT_nIN_nCHR_FR50_R1 Downward Penetration (CCI) (DELETED)

Figure 9A-12n. T-AT_nIN_nCHR_FR50_R1 ICS Heat Removal (DELETED)

Figure 9A-12o. T-AT_nIN_nCHR_FR50_R1 Water Temperature (DELETED)

Figure 9A-12p. T-AT_nIN_nCHR_FR50_R1 Wetwell Water Levels (DELETED)

Figure 9A-12q. T-AT_nIN_nCHR_FR50_R1 Hydrogen Generation (DELETED)

Figure 9A-12r. T-AT_nIN_nCHR_FR50_R1 DW Leak/Failure Flow Rate (DELETED)

Figure 9A-12s. T-AT_nIN_nCHR_FR50_R1 Wetwell Vent Flow Rate (DELETED)

Figure 9A-12t. T-AT_nIN_nCHR_FR50_R1 Csl Fraction in SP (DELETED)

Figure 9A-12u. T-AT_nIN_nCHR_FR50_R1 Csl Fraction in Upper Drywell (DELETED)

Figure 9A-12v. T-AT_nIN_nCHR_FR50_R1 VB Flow Rate (DELETED)

9A.13 Containment Overpressure (VB) - High Pressure T_nDP_nIN_VB_R4

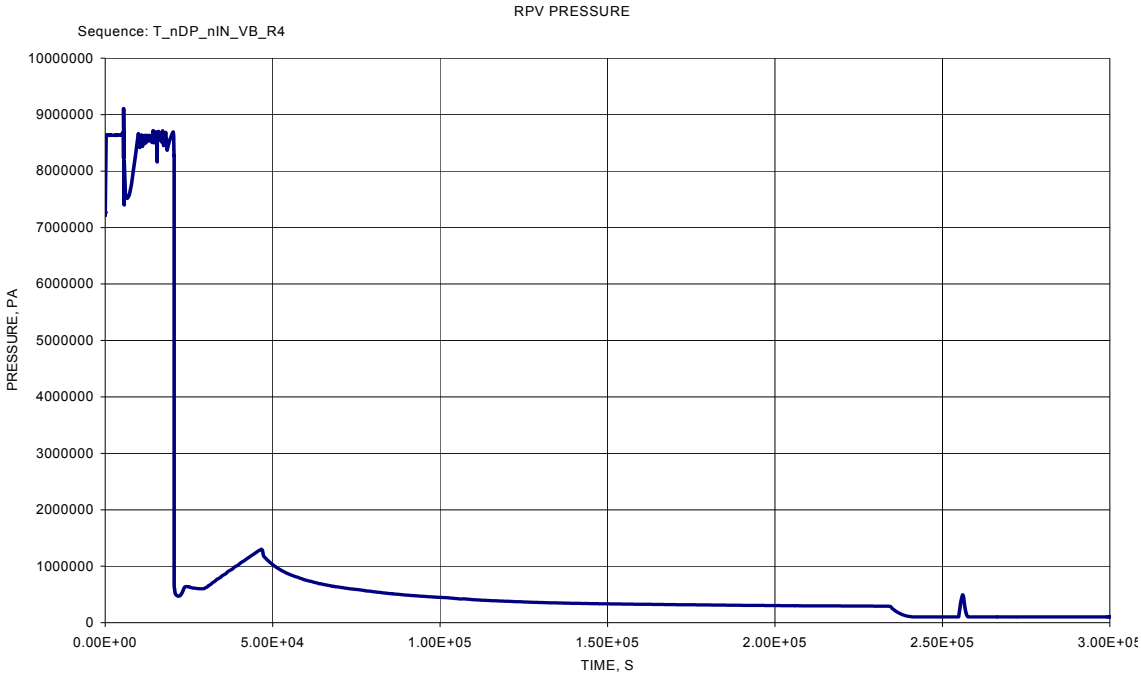

Figure 9A-13a. T_nDP_nIN_VB_R4 RPV Pressure

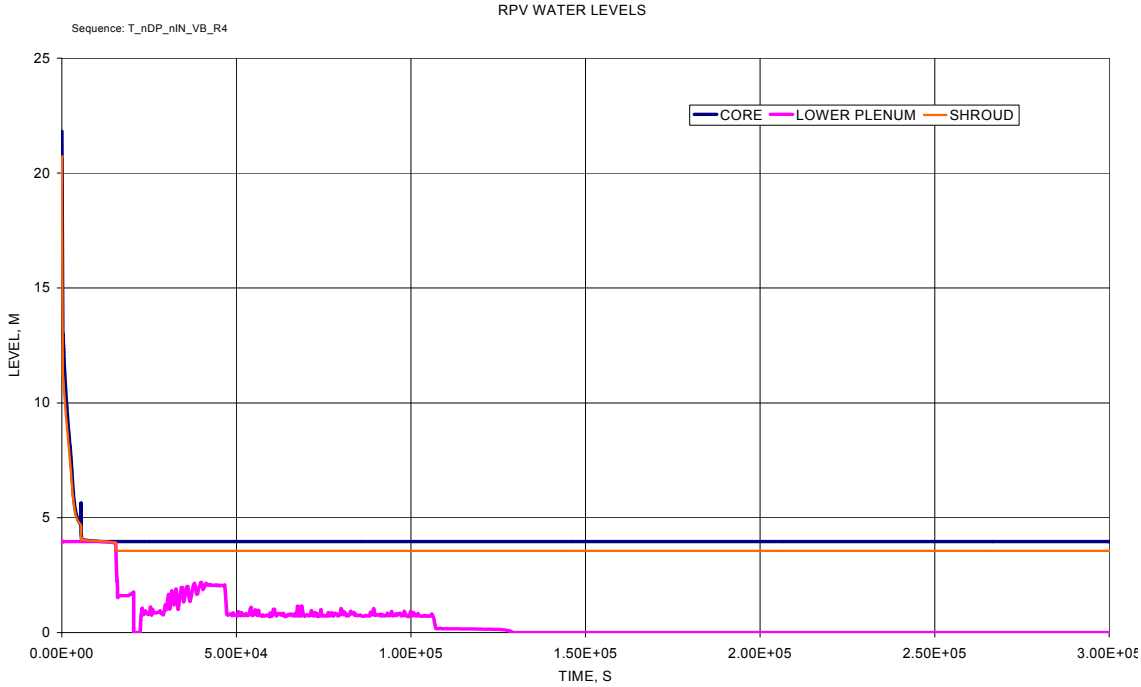

Figure 9A-13b. T_nDP_nIN_VB_R4 RPV Water Levels

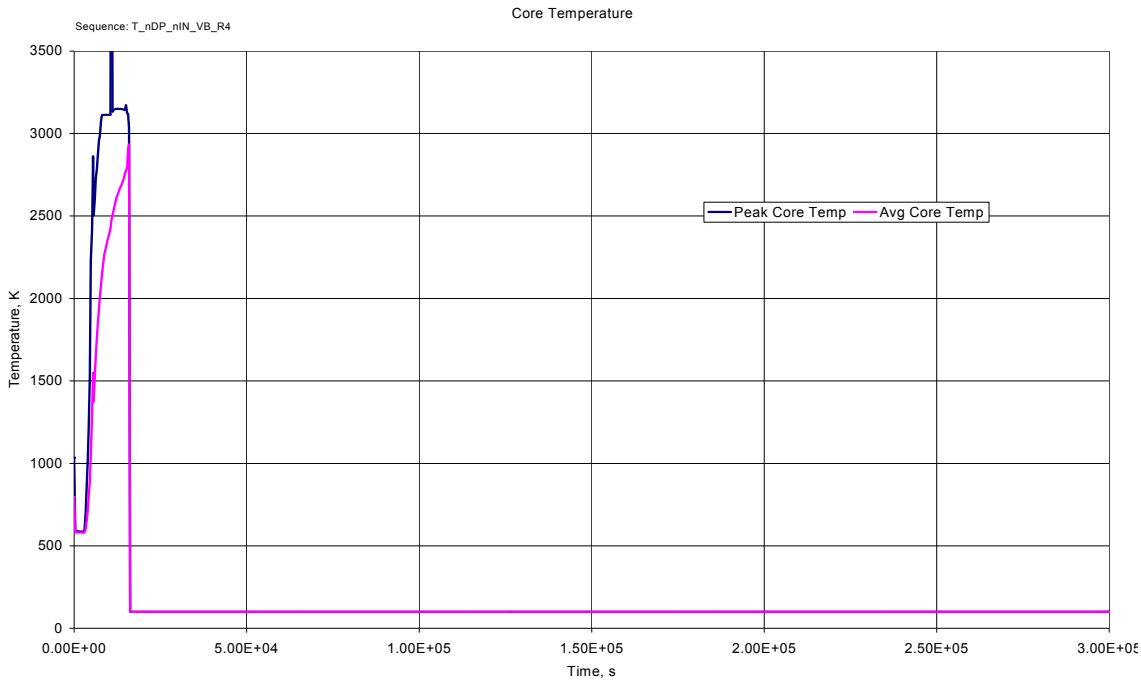

Figure 9A-13c. T_nDP_nIN_VB_R4 Core Temperature

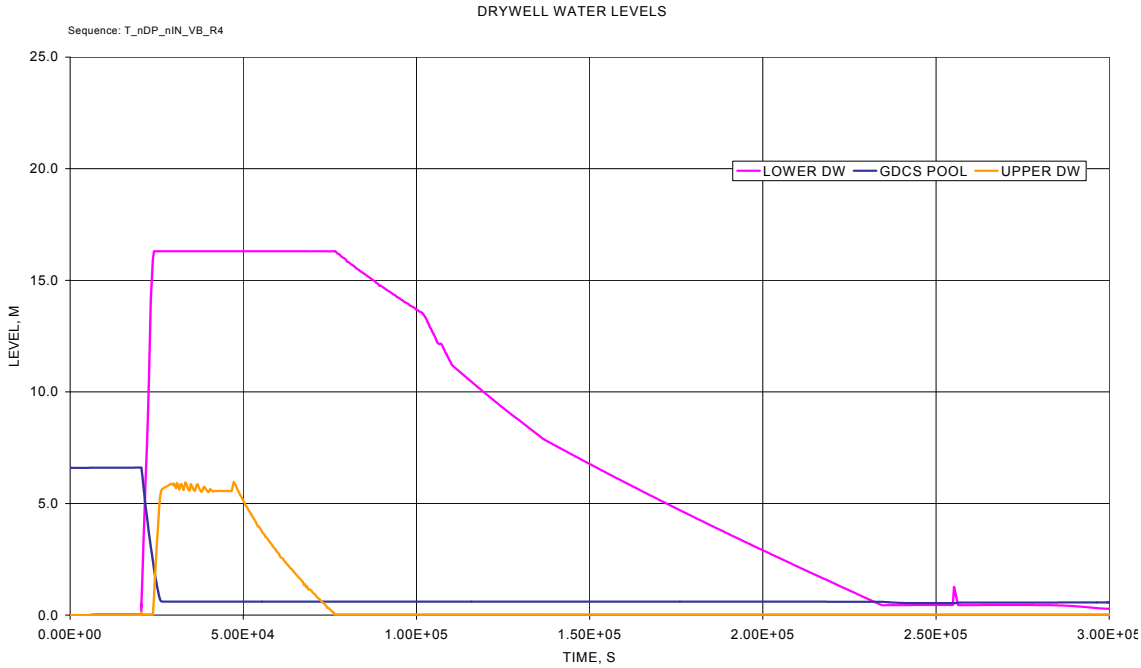

Figure 9A-13d. T_nDP_nIN_VB_R4 Drywell Water Levels

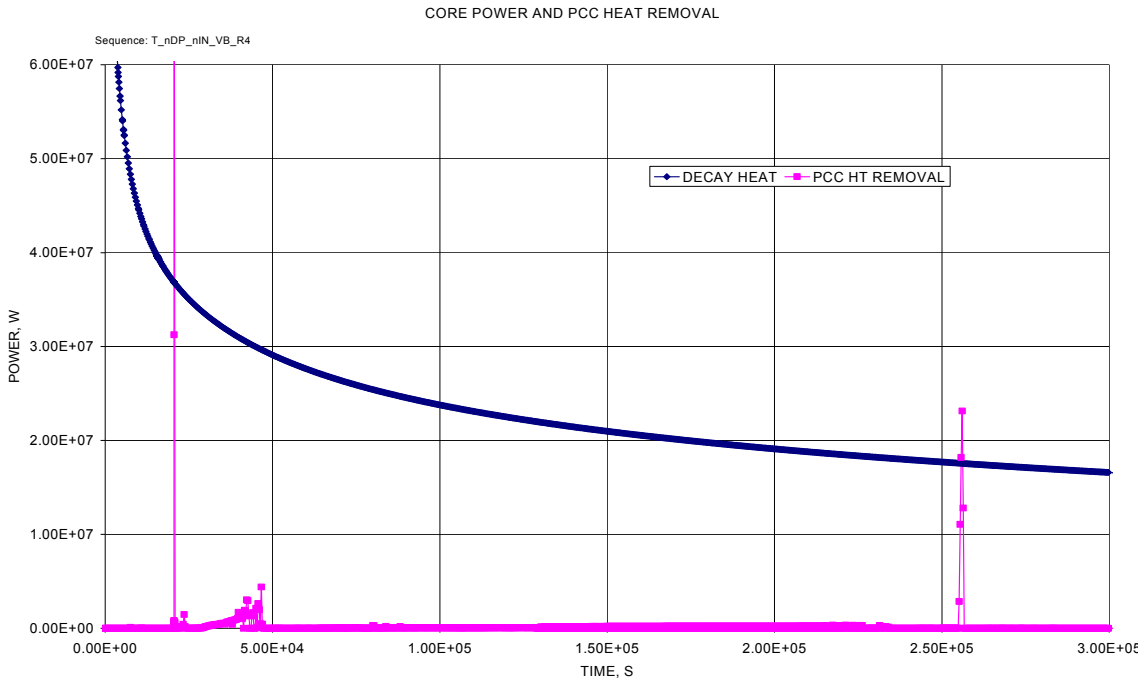

Figure 9A-13e. T_nDP_nIN_VB_R4 Core Power and PCCS Heat Removal

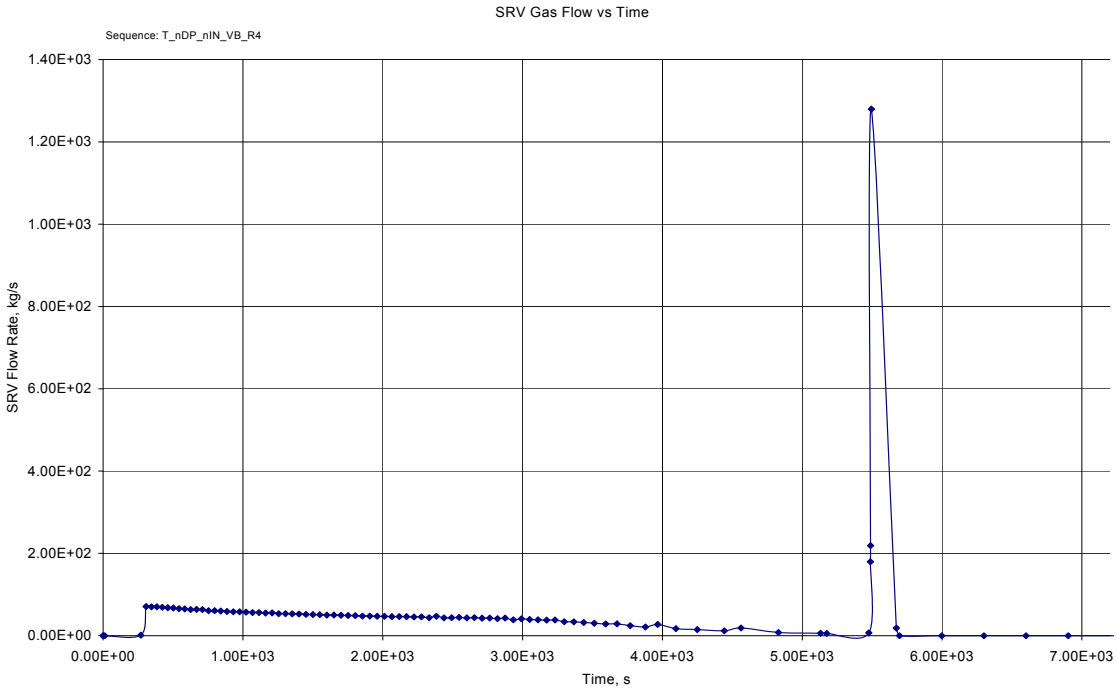

Figure 9A-13f. T_nDP_nIN_VB_R4 SRV Gas Flow Rate

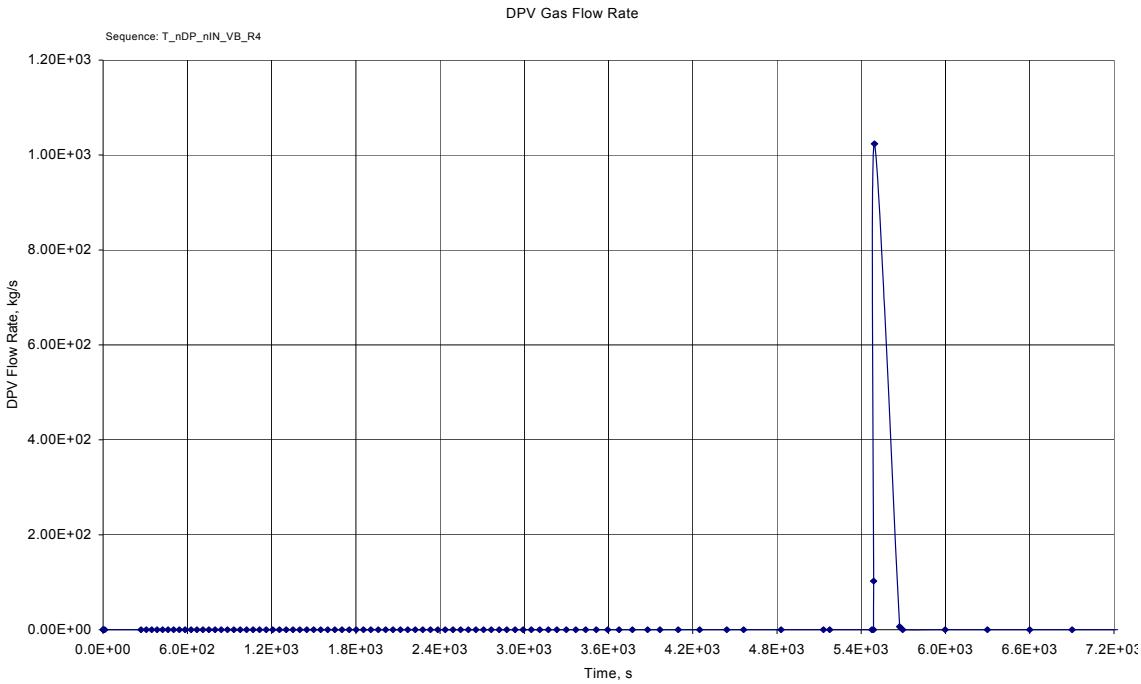

Figure 9A-13g. T_nDP_nIN_VB_R4 DPV Gas Flow Rate

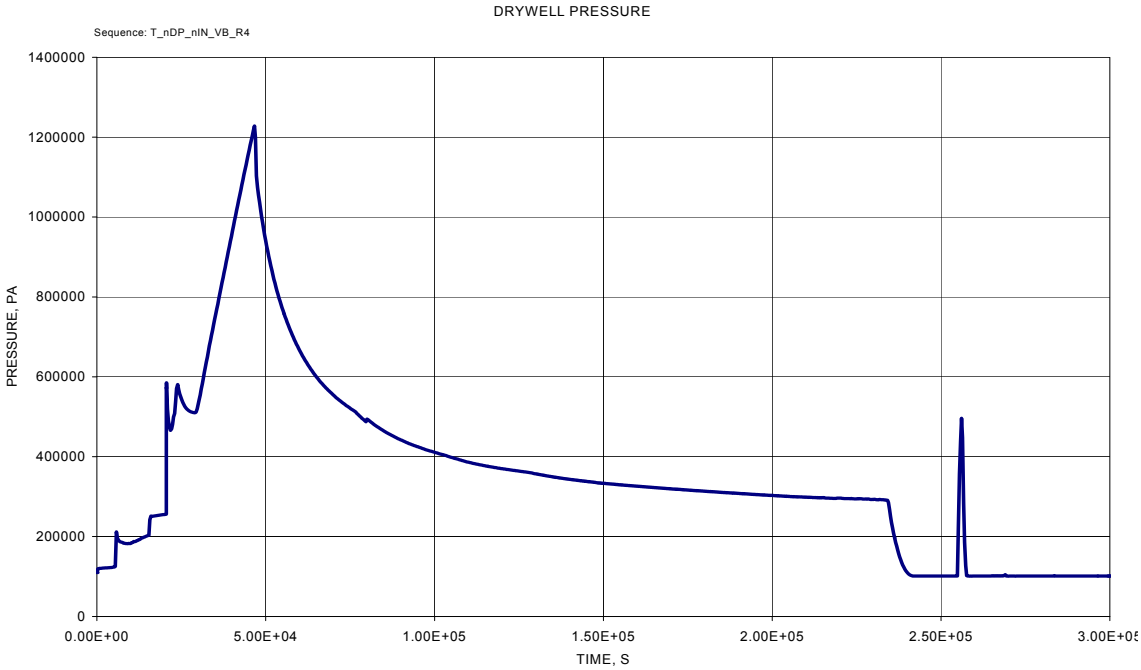

Figure 9A-13h. T_nDP_nIN_VB_R4 Drywell Pressure

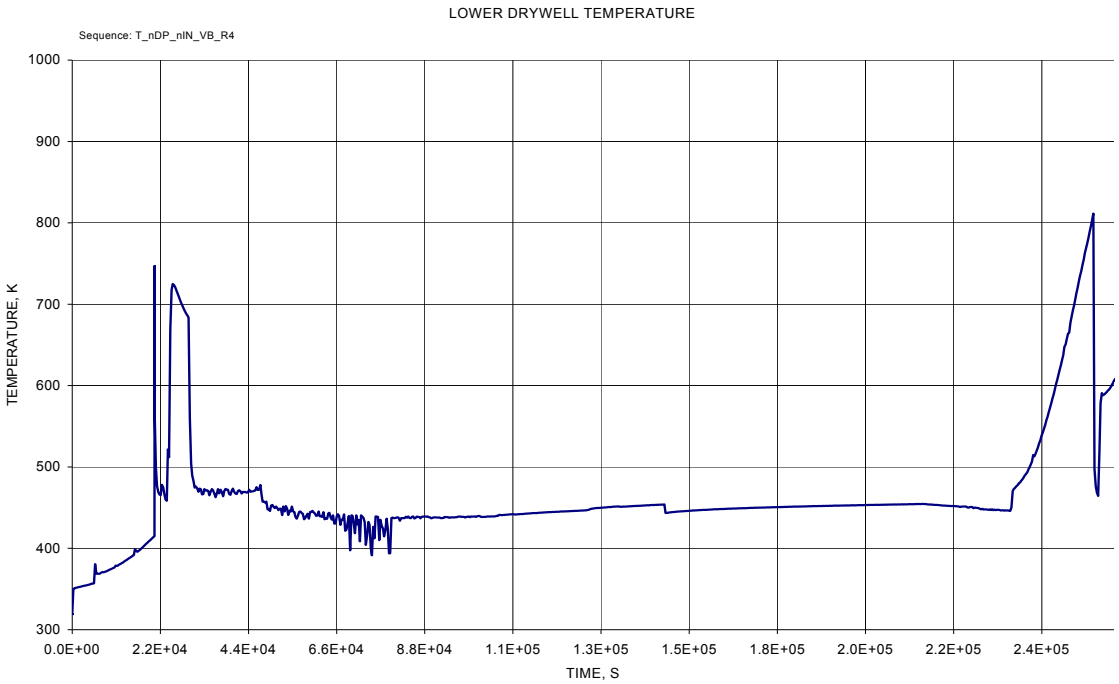

Figure 9A-13i. T_nDP_nIN_VB_R4 Lower Drywell Temperature

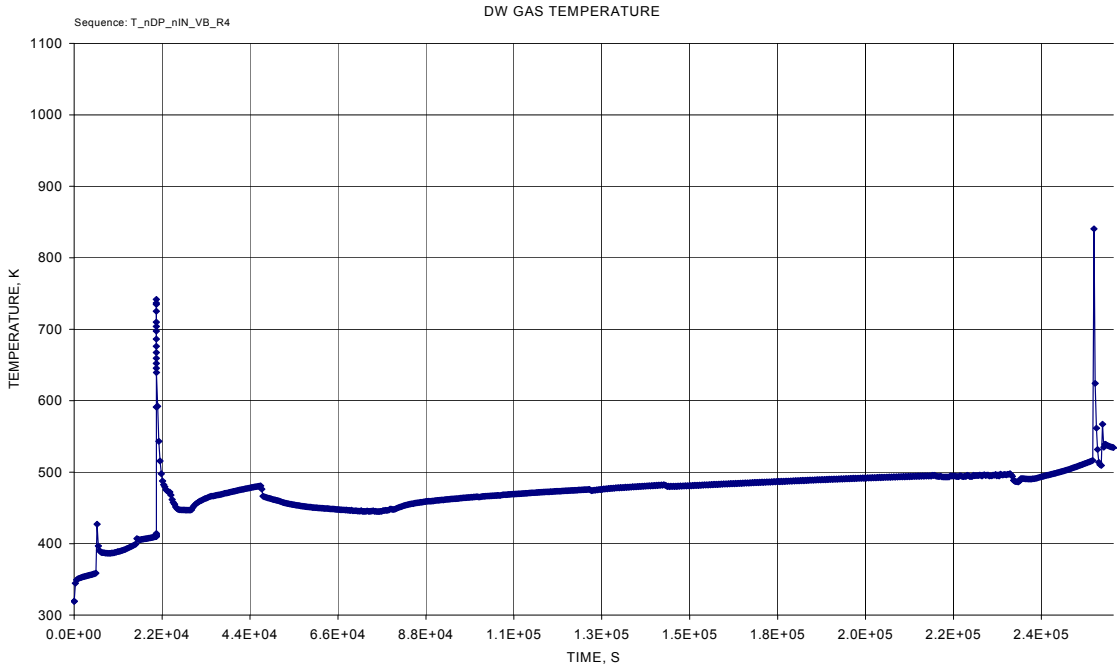

Figure 9A-13j. T_nDP_nIN_VB_R4 Drywell Gas Temperature

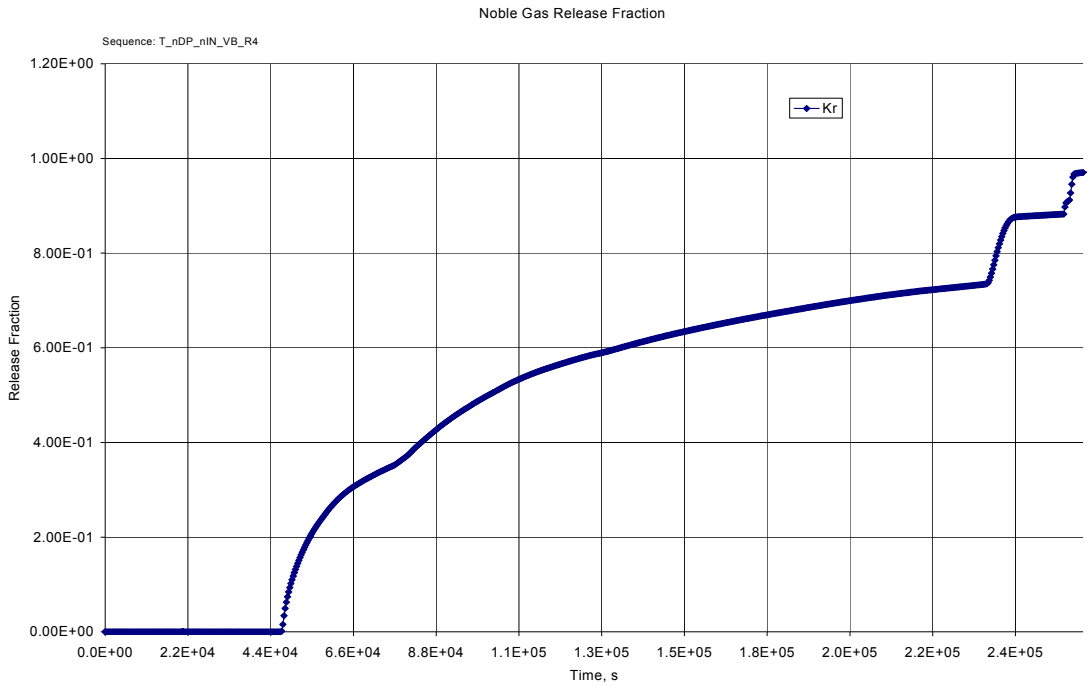

Figure 9A-13k. T_nDP_nIN_VB_R4 Noble Gas Release Fraction

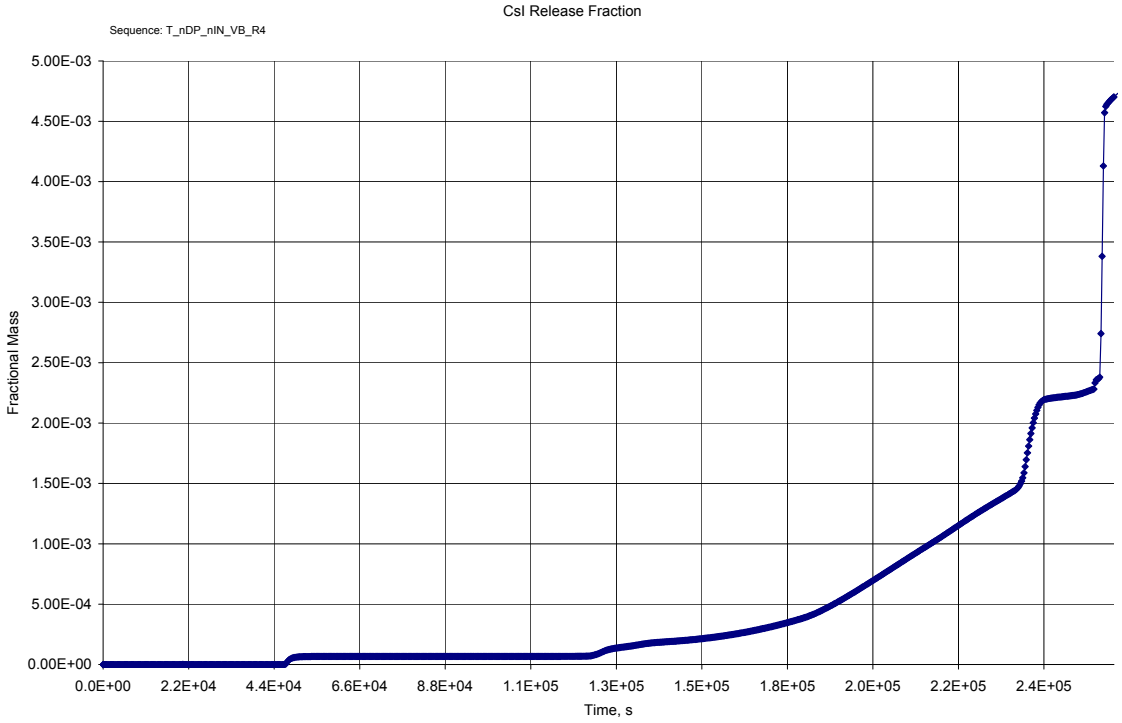

Figure 9A-13l. T_nDP_nIN_VB_R4 CsI Release Fraction

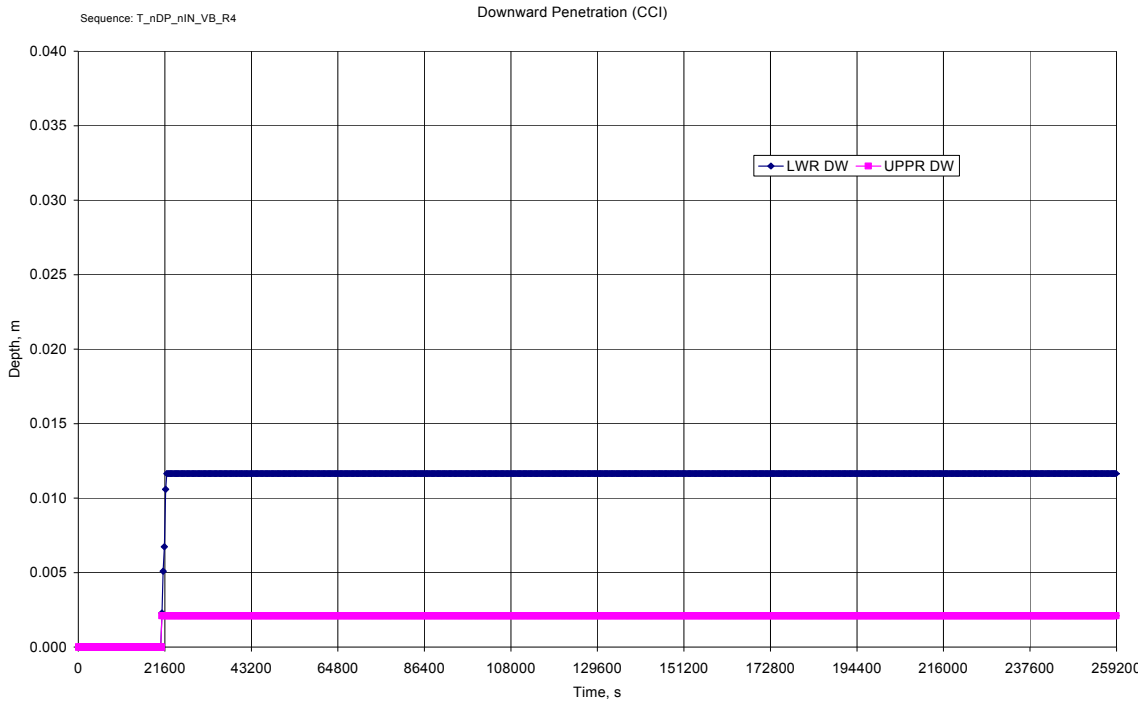

Figure 9A-13m.T_nDP_nIN_VB_R4 Downward Penetration (CCI)

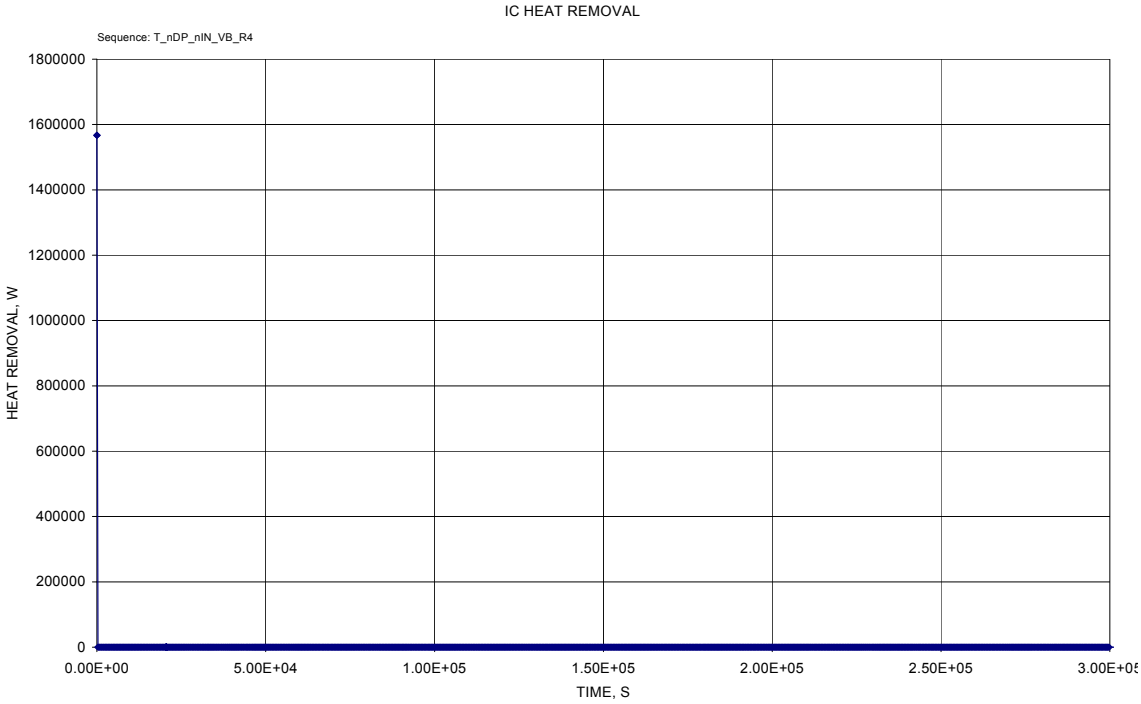

Figure 9A-13n. T_nDP_nIN_VB_R4 ICS Heat Removal

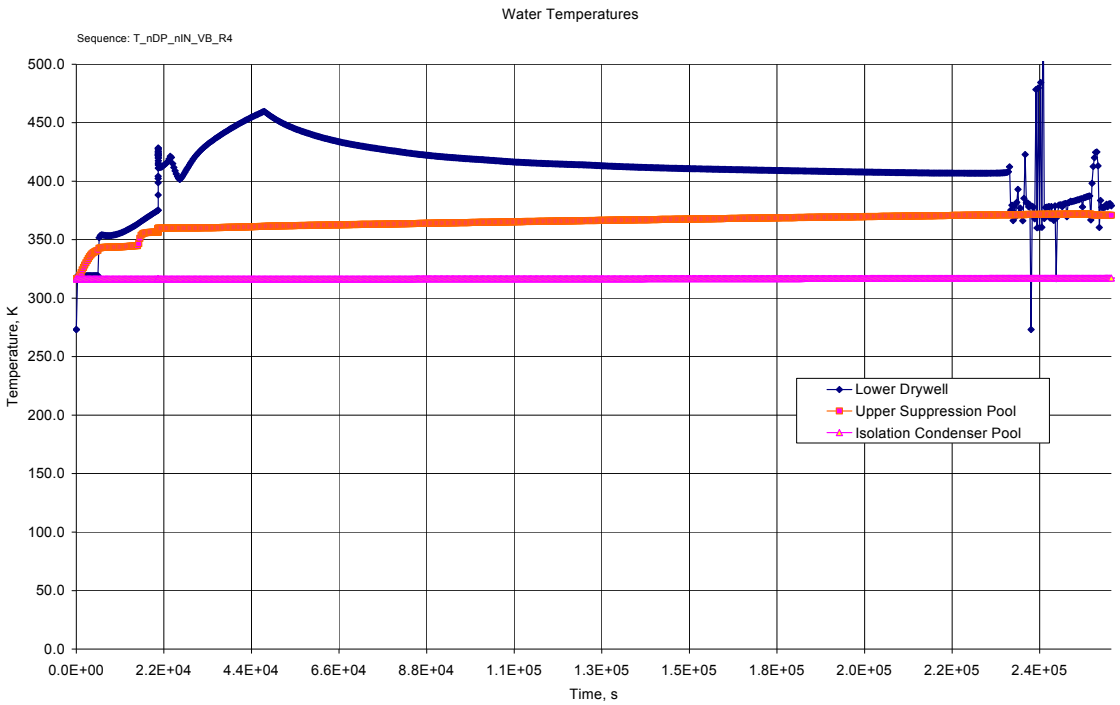

Figure 9A-13o. T_nDP_nIN_VB_R4 Water Temperatures

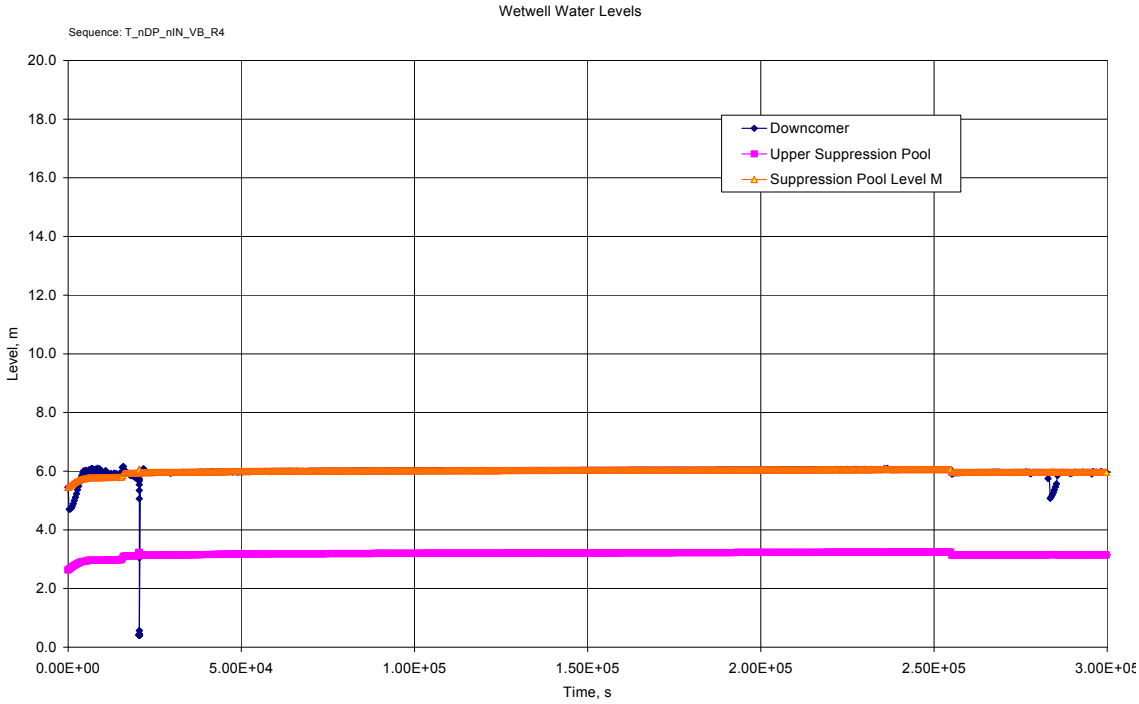

Figure 9A-13p. T_nDP_nIN_VB_R4 Wetwell Water Levels

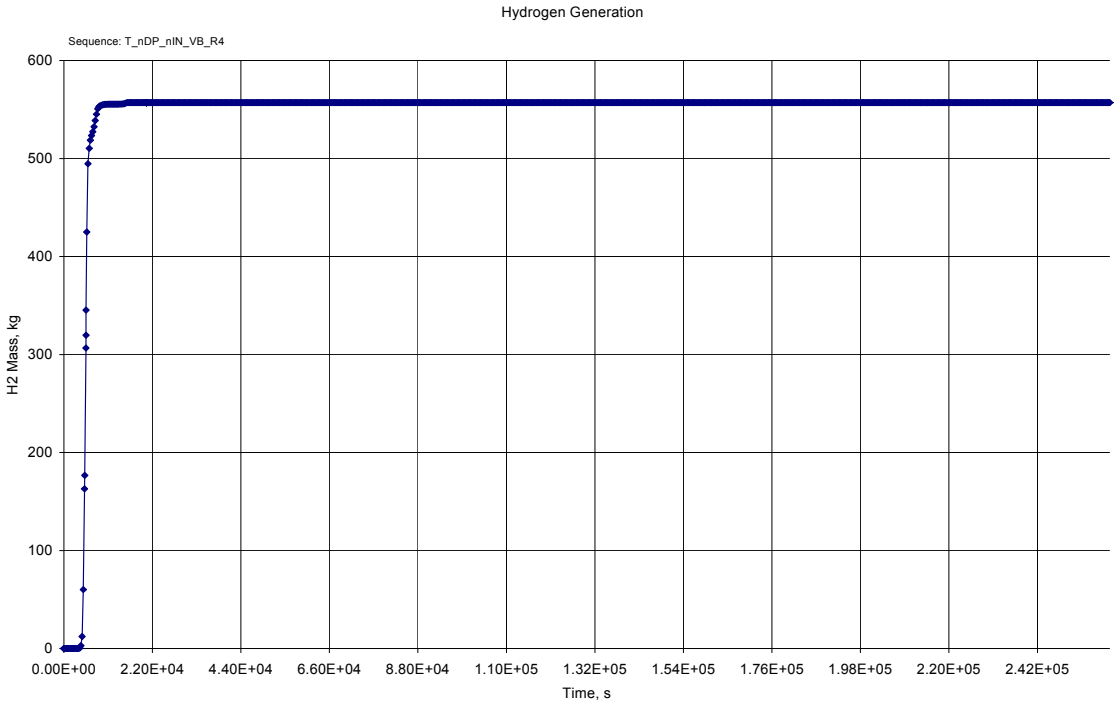

Figure 9A-13q. T_nDP_nIN_VB_R4 Hydrogen Generation

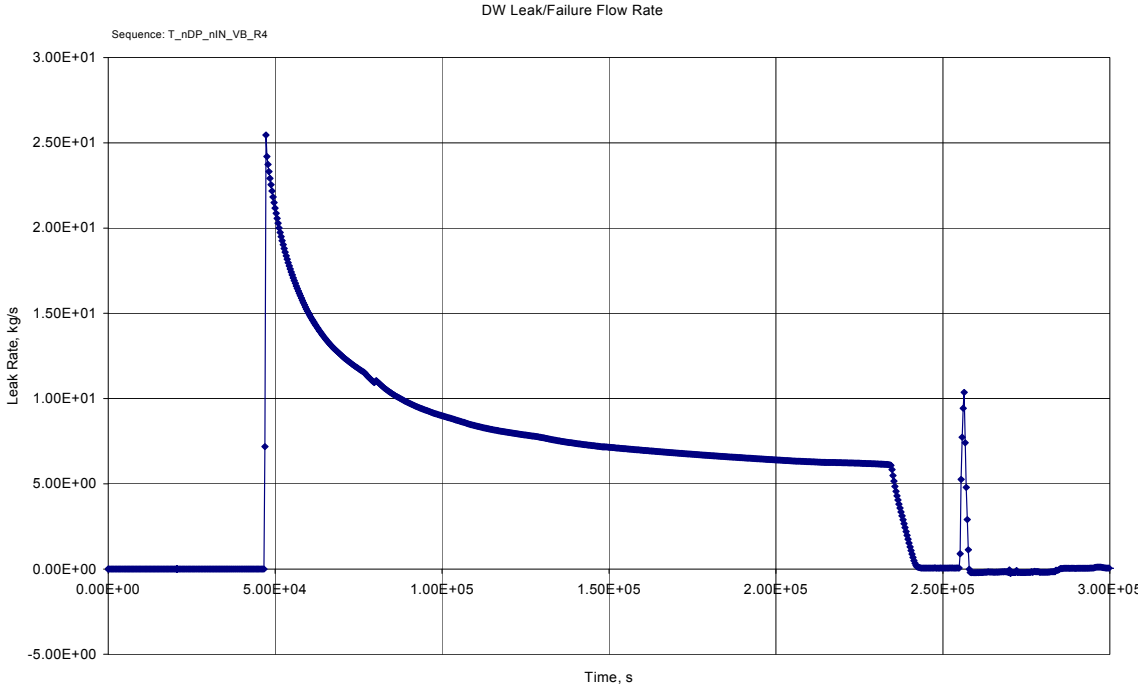

Figure 9A-13r. T_nDP_nIN_VB_R4 Drywell Leak/Failure Flow Rate

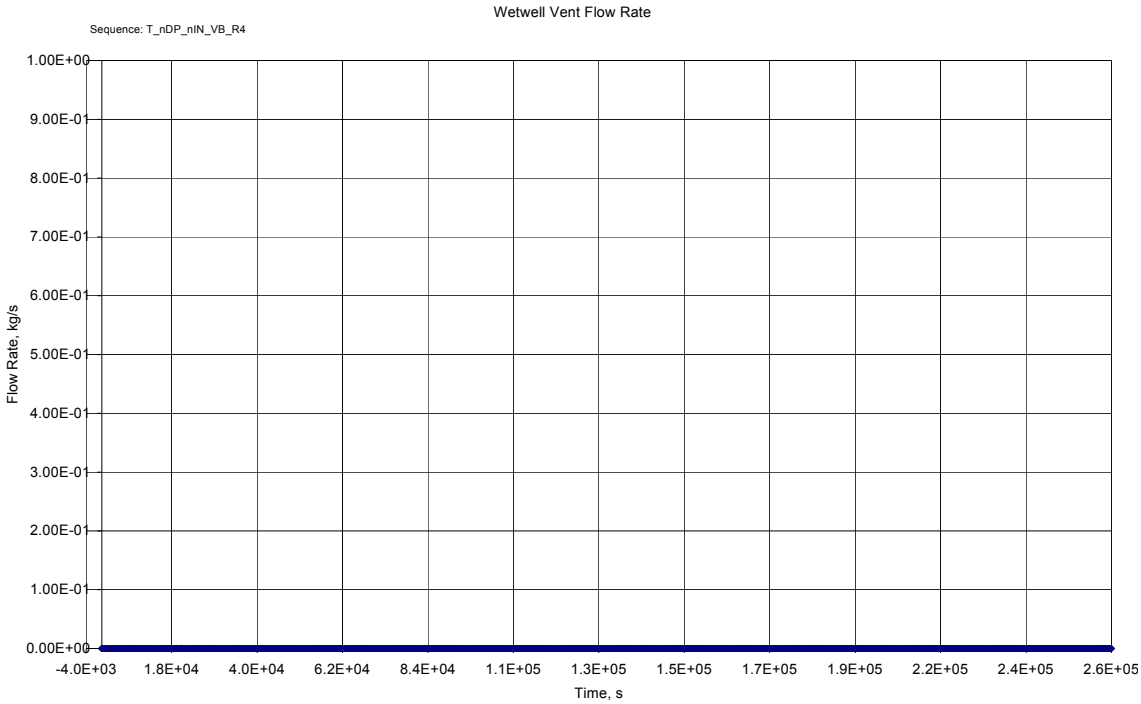

Figure 9A-13s. T_nDP_nIN_VB_R4 Wetwell Vent Flow Rate

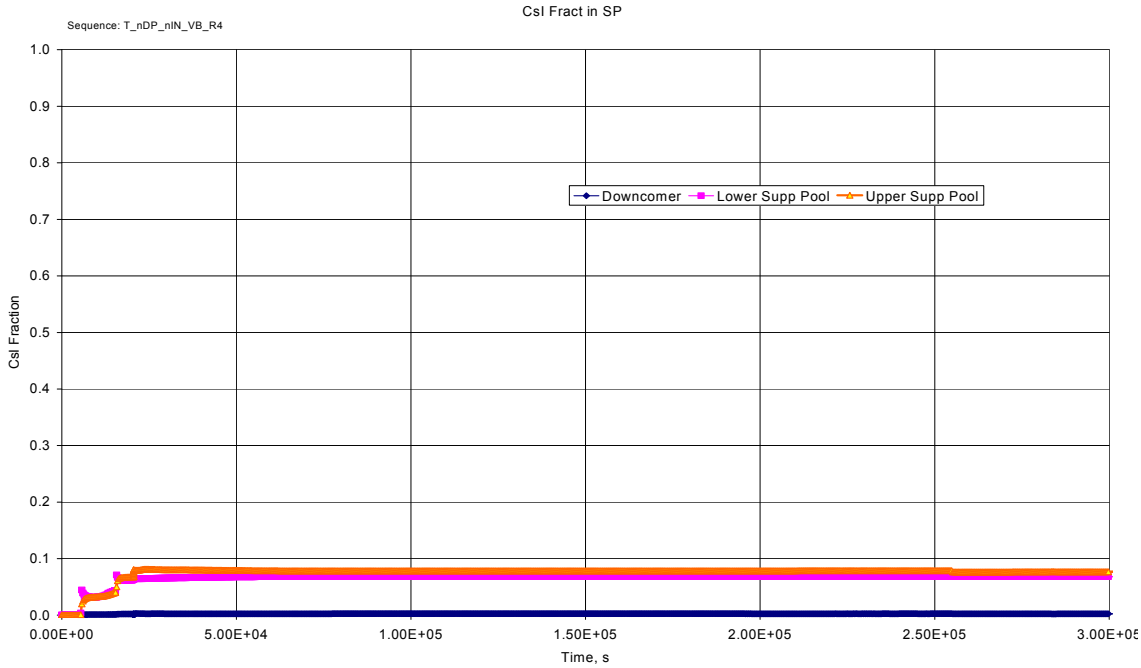

Figure 9A-13t. T_nDP_nIN_VB_R4 CsI Fraction in Suppression Pool

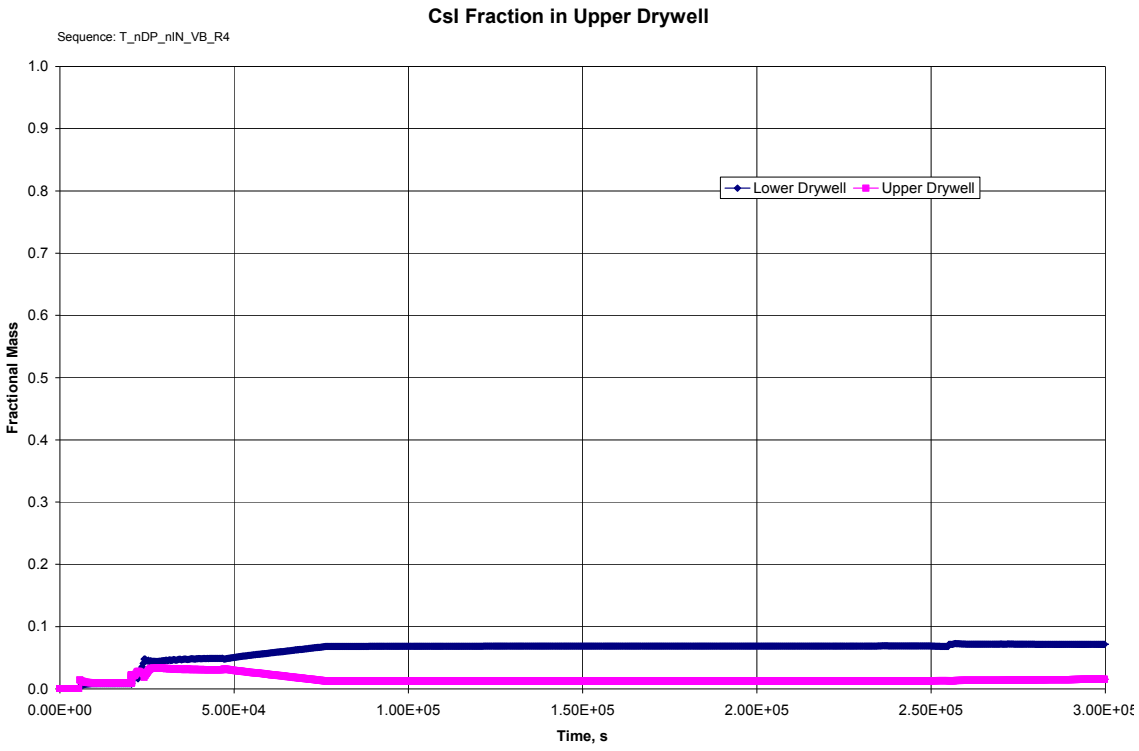

Figure 9A-13u. T_nDP_nIN_VB_R4 CsI Fraction in Upper Drywell

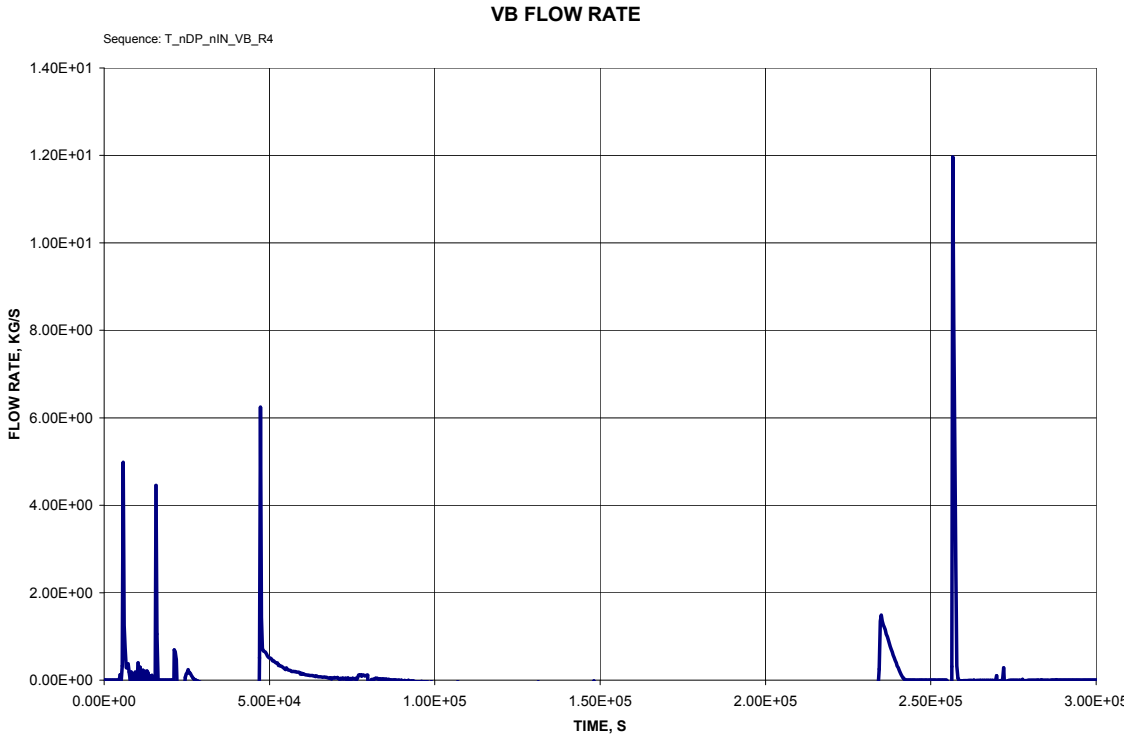

Figure 9A-13v. T_nDP_nIN_VB_R4 VB Flow Rate

9A.14 Containment Overpressure (VB) - Low Pressure T_nIN_VB_R4

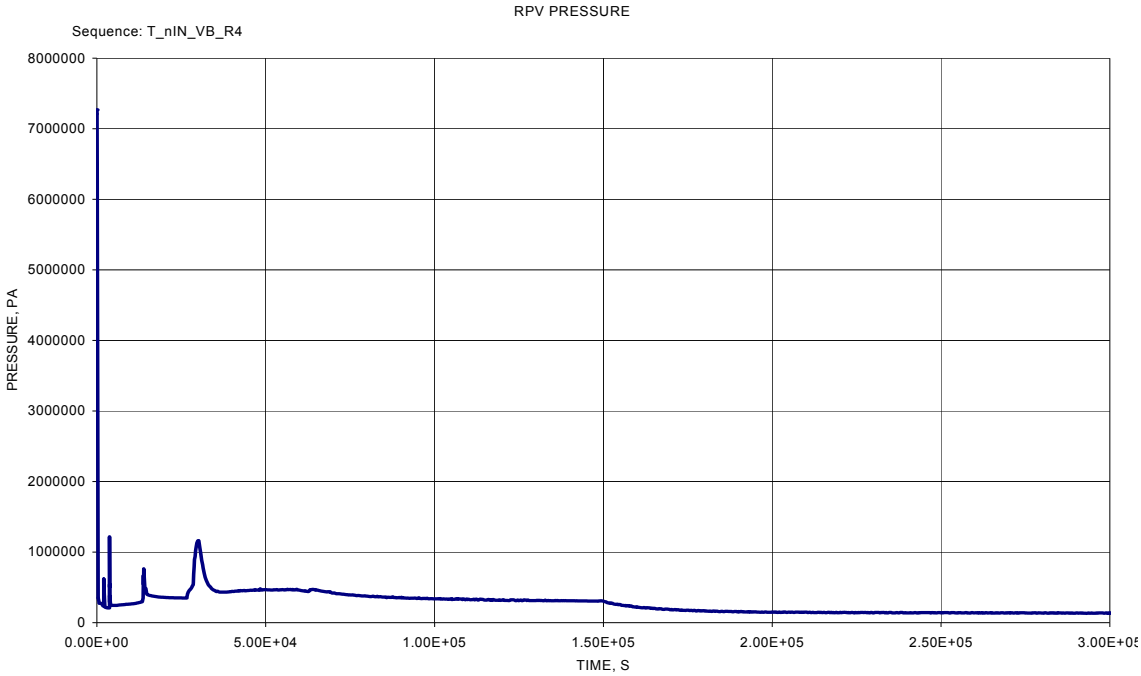

Figure 9A-14a. T_nIN_VB_R4 RPV Pressure

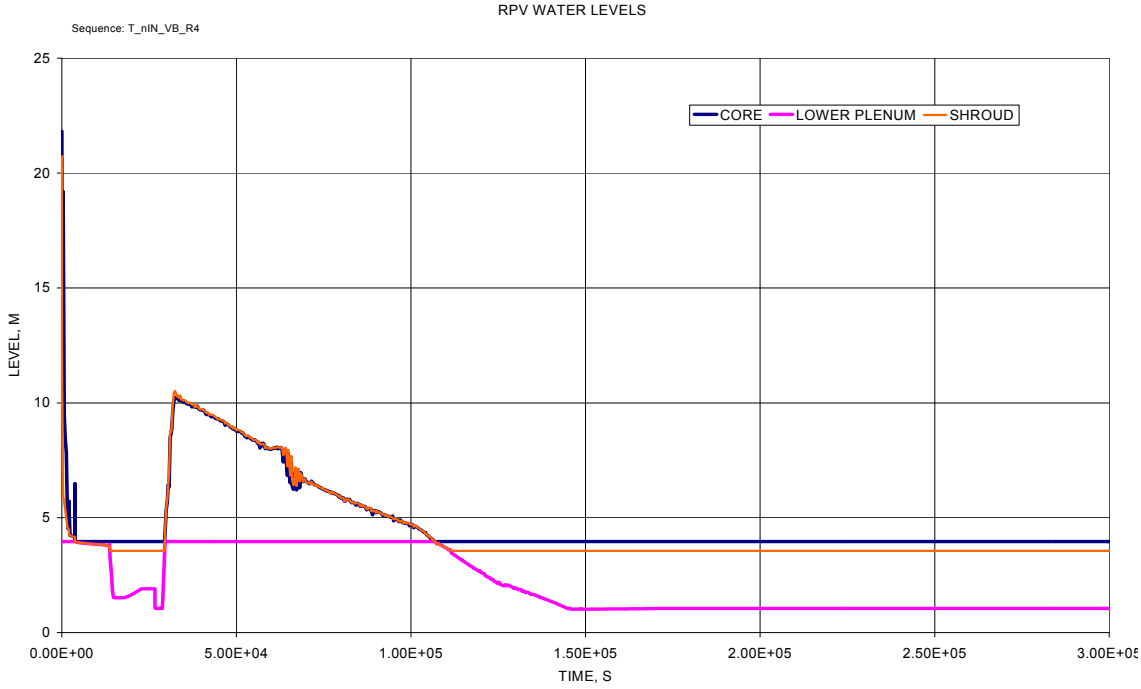

Figure 9A-14b. T_nIN_VB_R4 RPV Water Levels

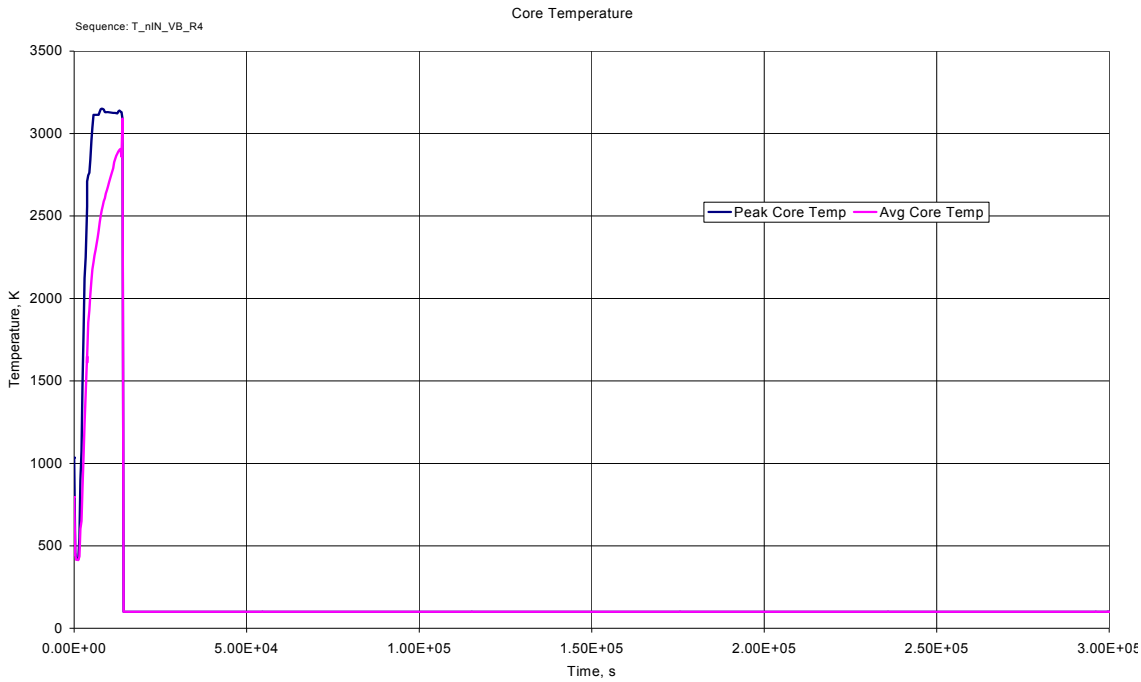

Figure 9A-14c. T_nIN_VB_R4 Core Temperature

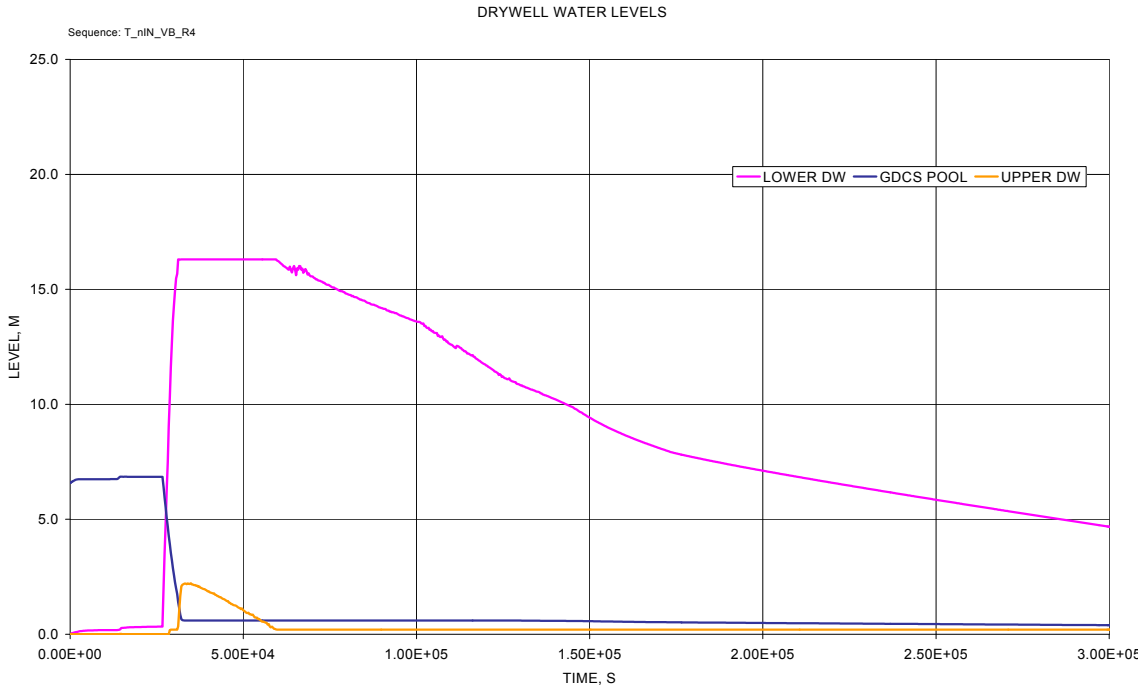

Figure 9A-14d. T_nIN_VB_R4 Drywell Water Levels

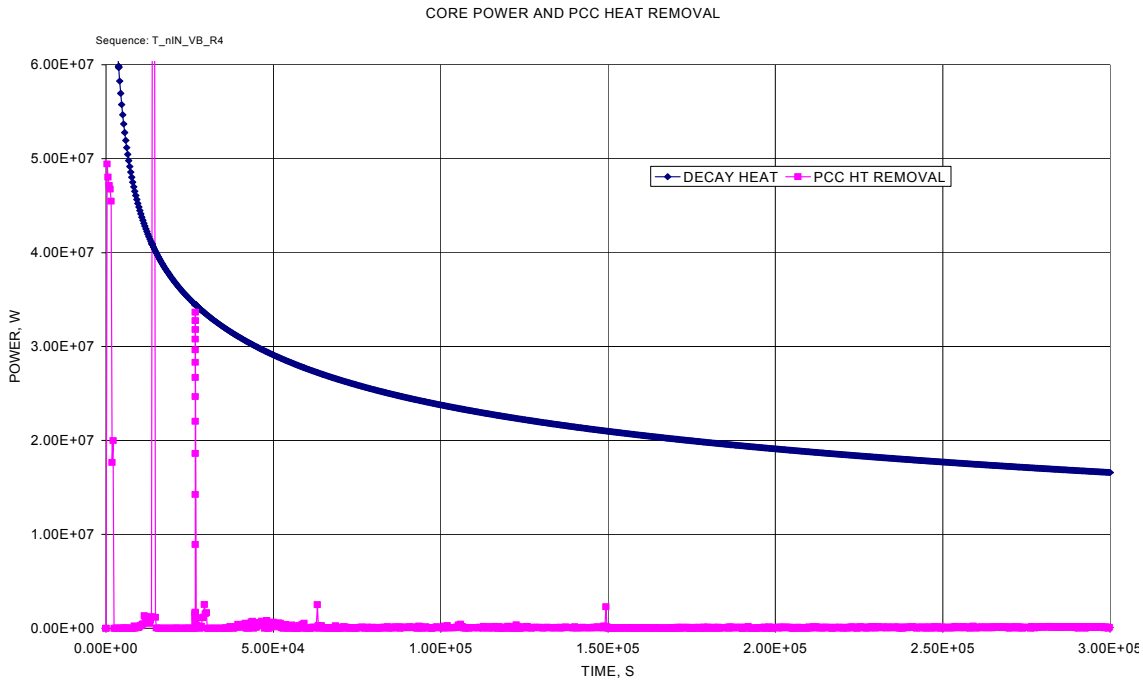

Figure 9A-14e. T_nIN_VB_R4 Core Power and PCCS Heat Removal

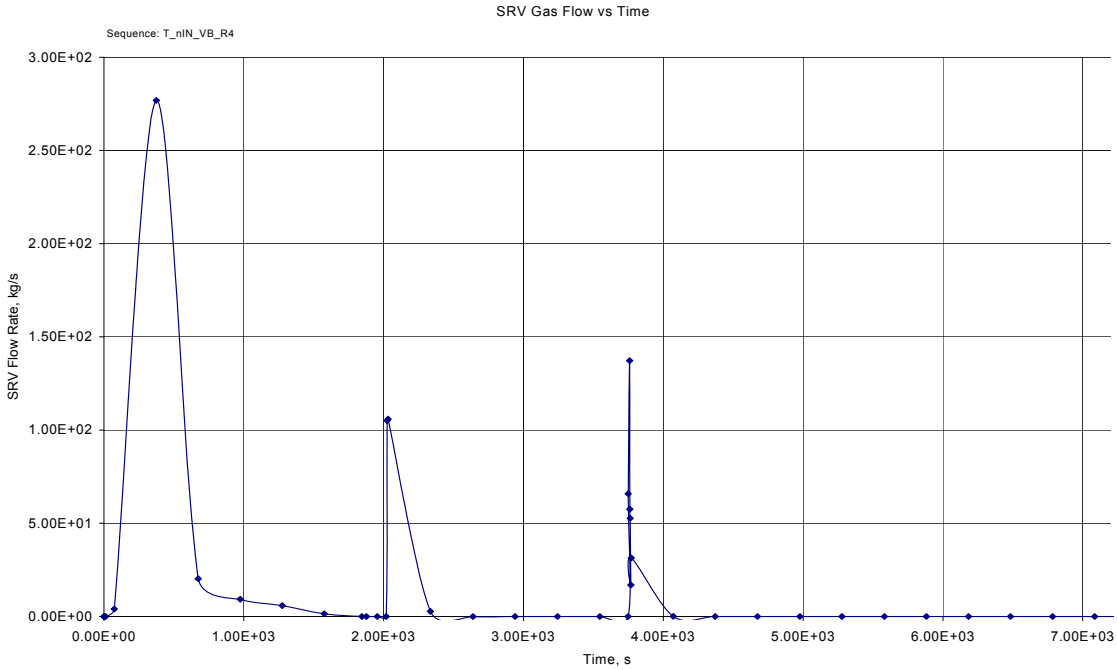

Figure 9A-14f. T_nIN_VB_R4 SRV Gas Flow Rate

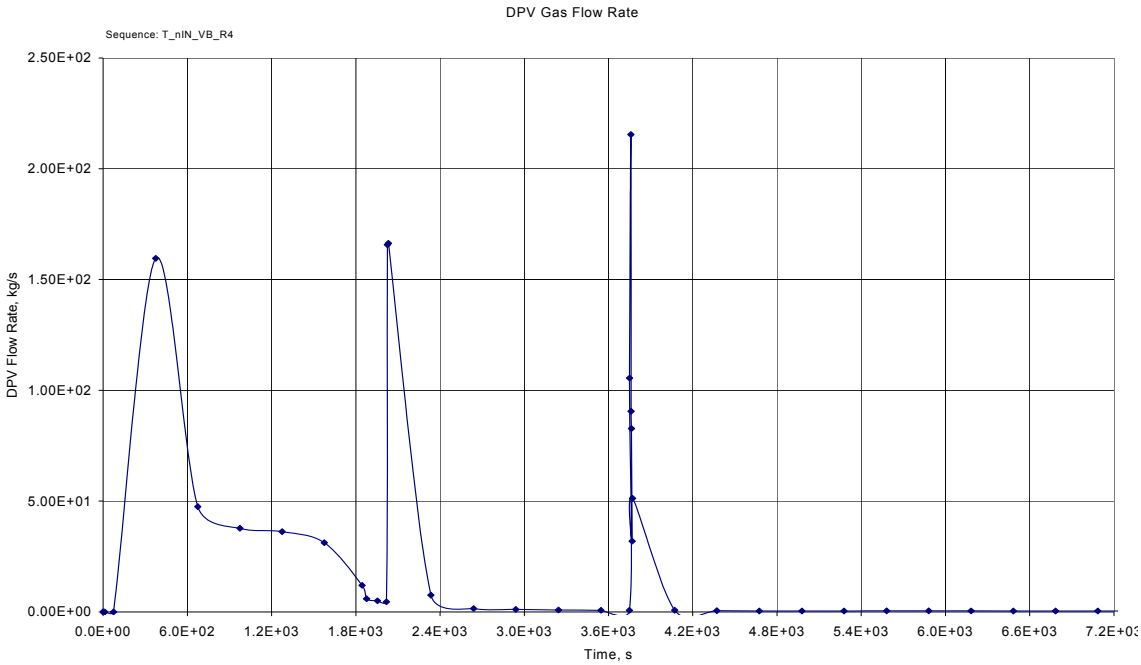

Figure 9A-14g. T_nIN_VB_R4 DPV Gas Flow Rate

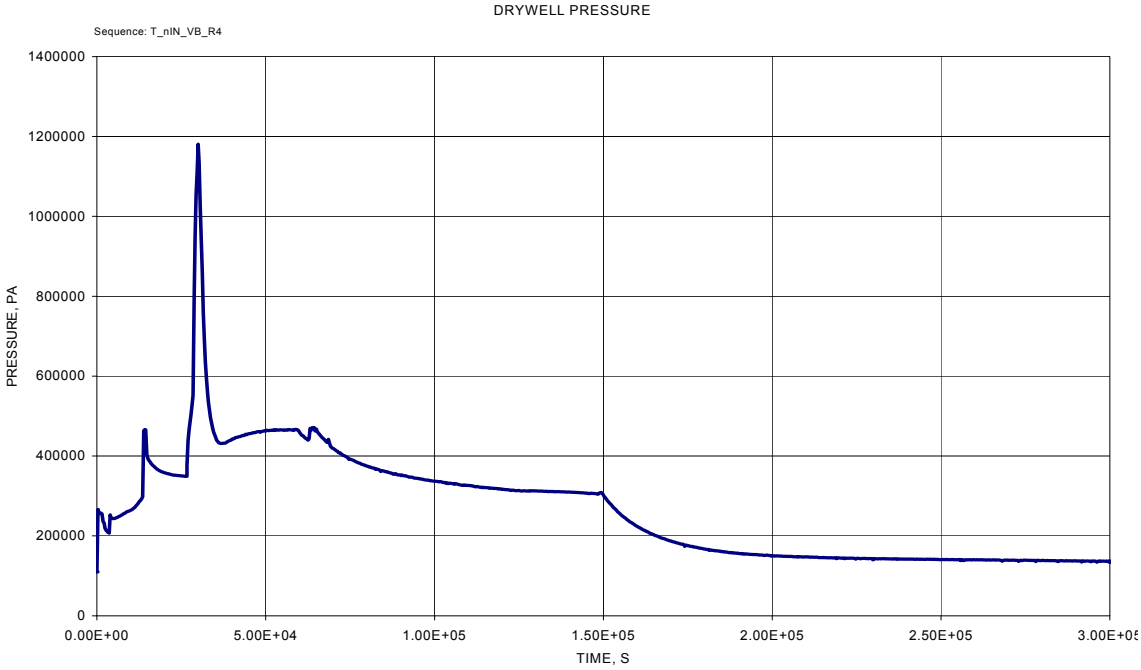

Figure 9A-14h. T_nIN_VB_R4 Drywell Pressure

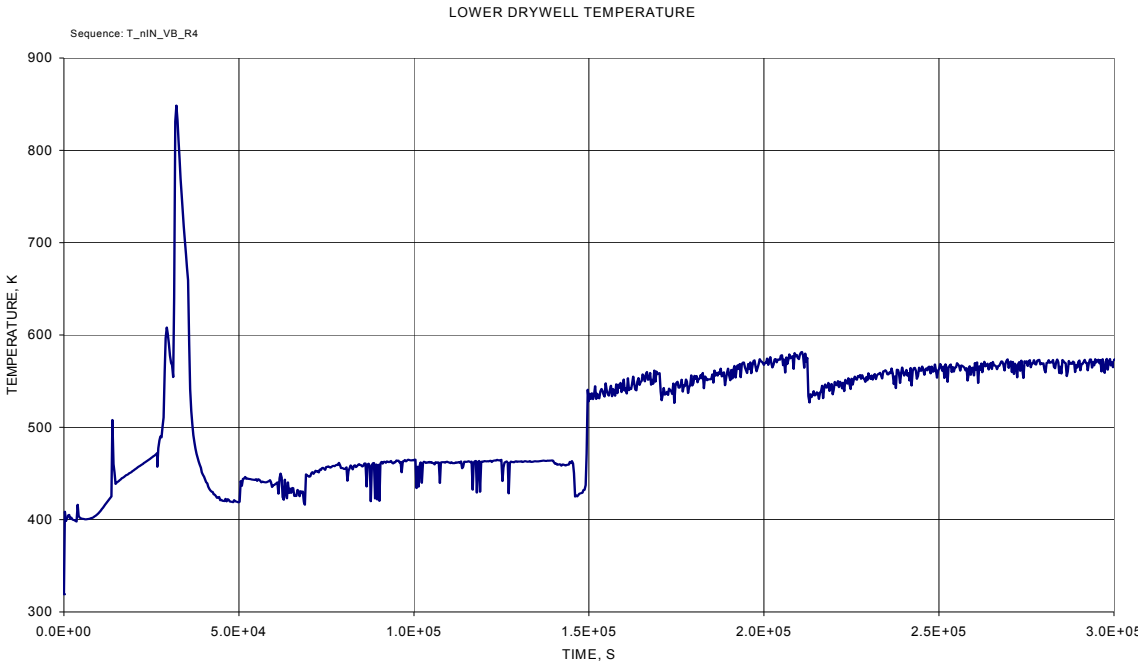

Figure 9A-14i. T_nIN_VB_R4 Lower Drywell Temperature

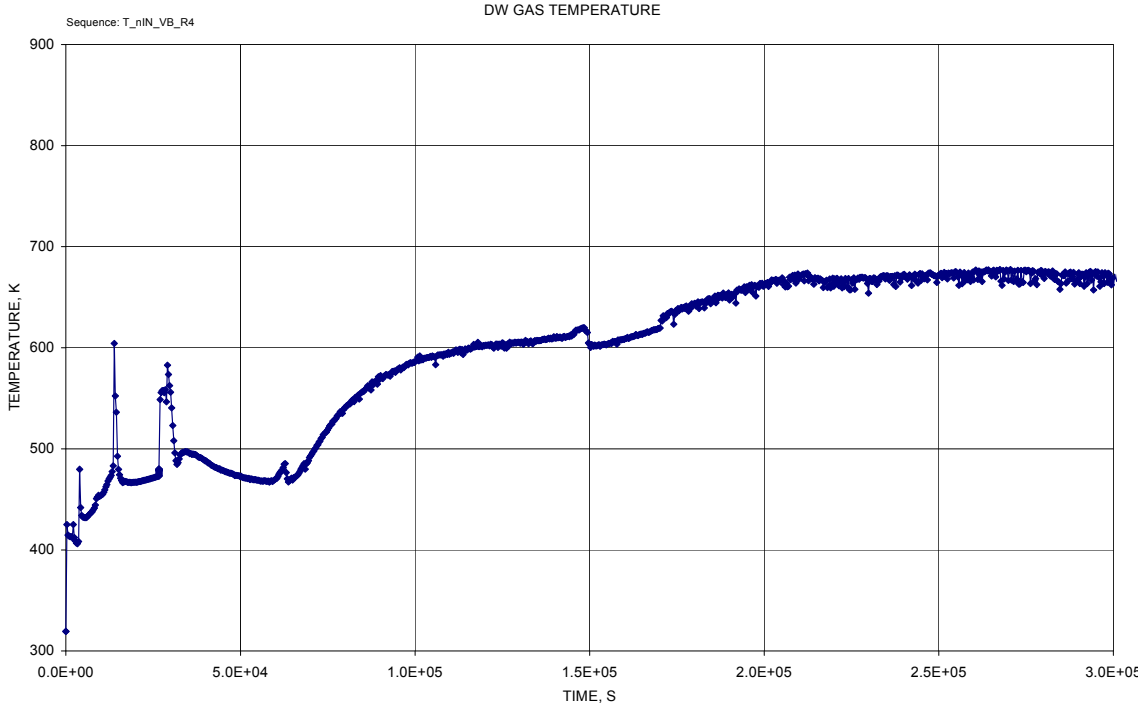

Figure 9A-14j. T_nIN_VB_R4 Drywell Gas Temperature

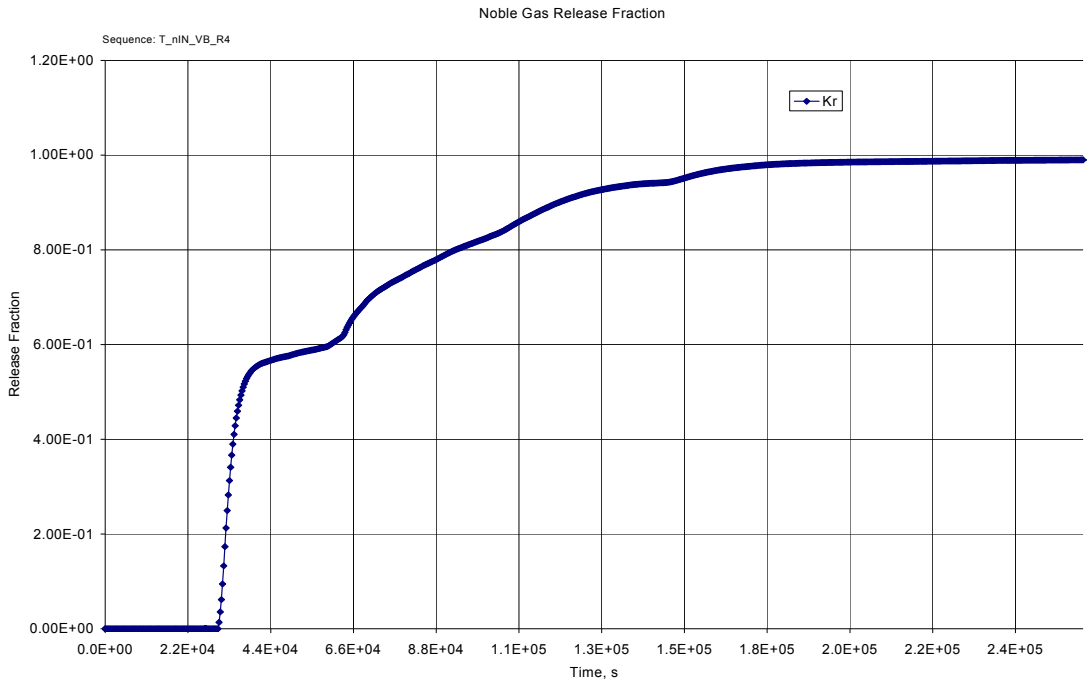

Figure 9A-14k. T_nIN_VB_R4 Noble Gas Release Fraction

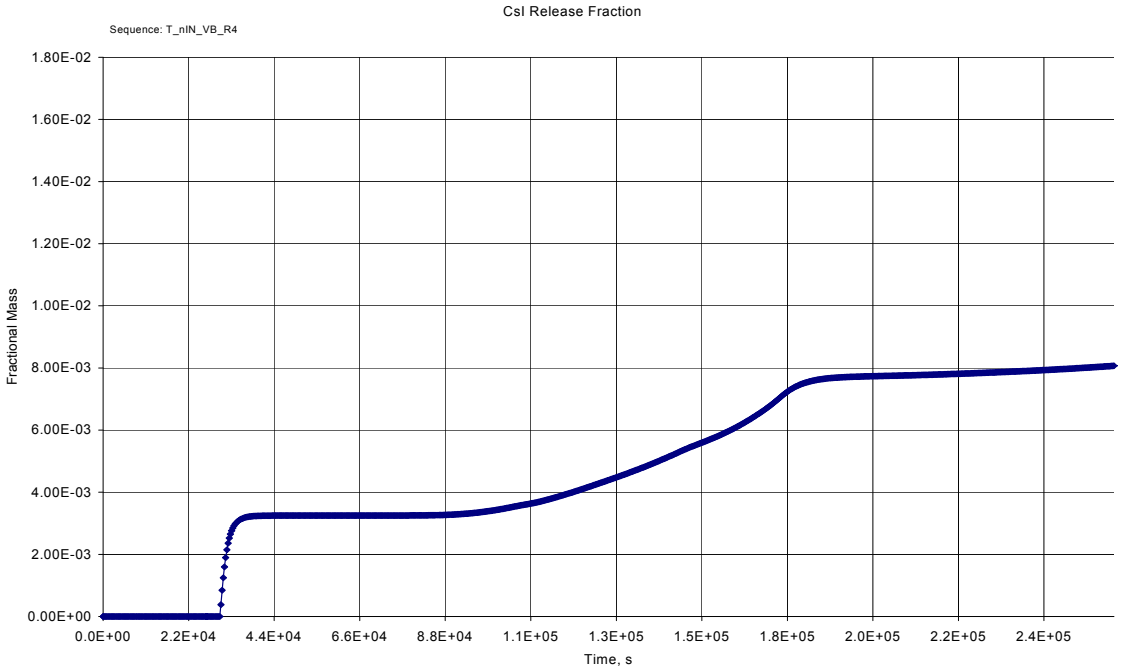

Figure 9A-14l. T_nIN_VB_R4 CsI Release Fraction

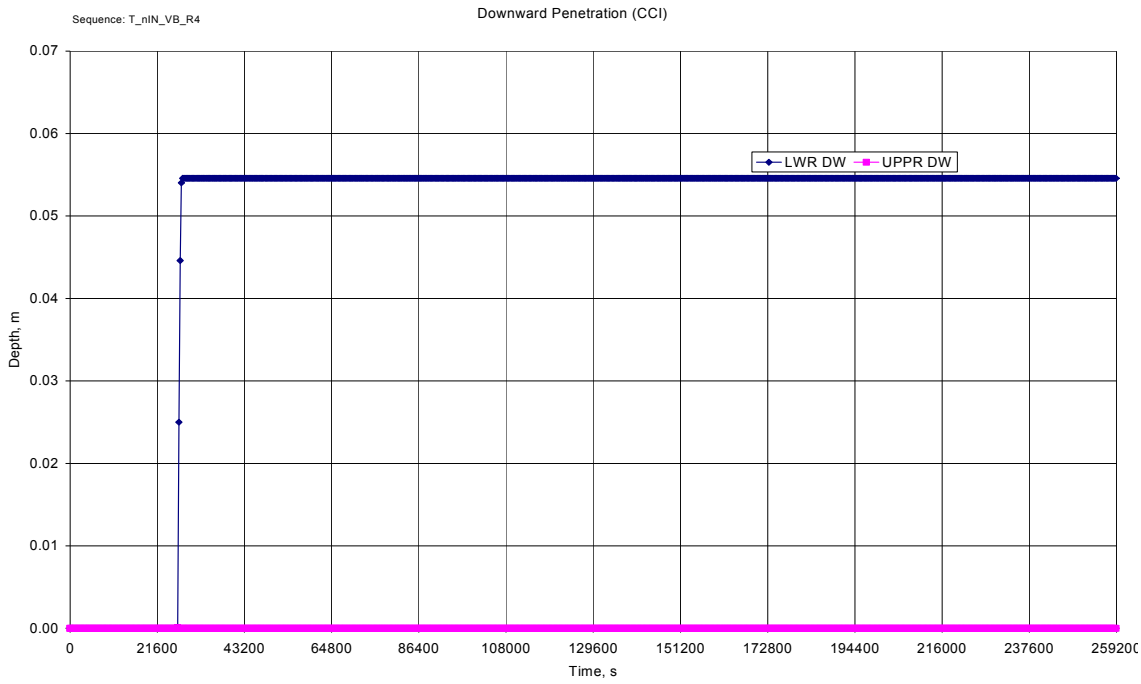

Figure 9A-14m.T_nIN_VB_R4 Downward Penetration (CCI)

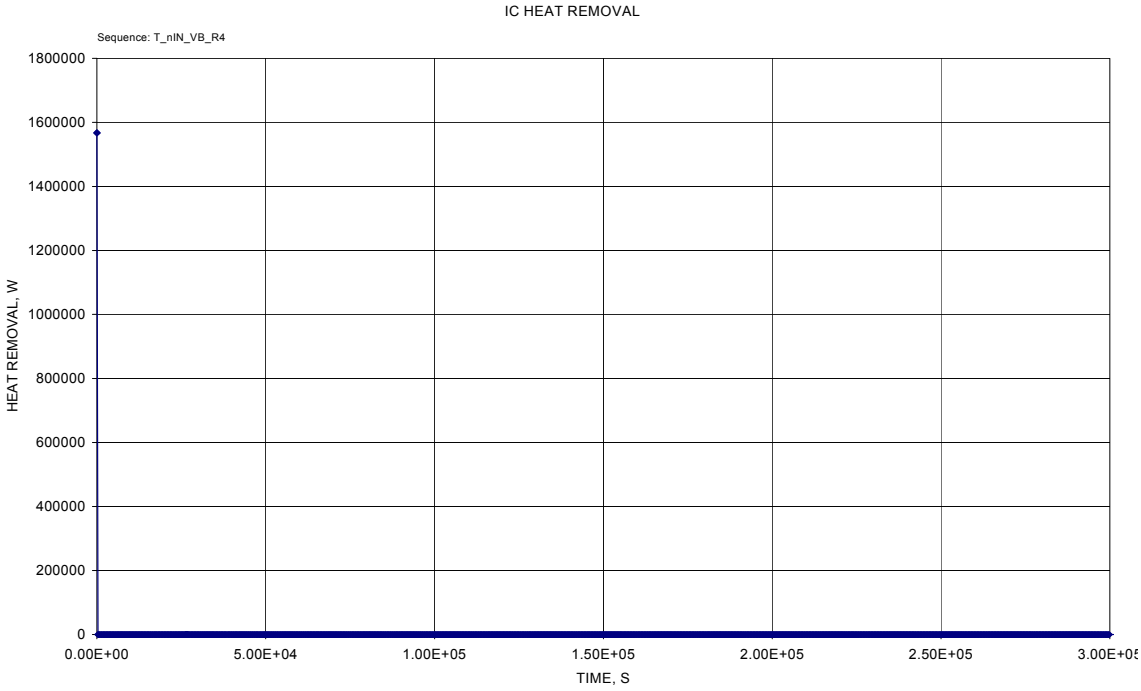

Figure 9A-14n. T_nIN_VB_R4 ICS Heat Removal

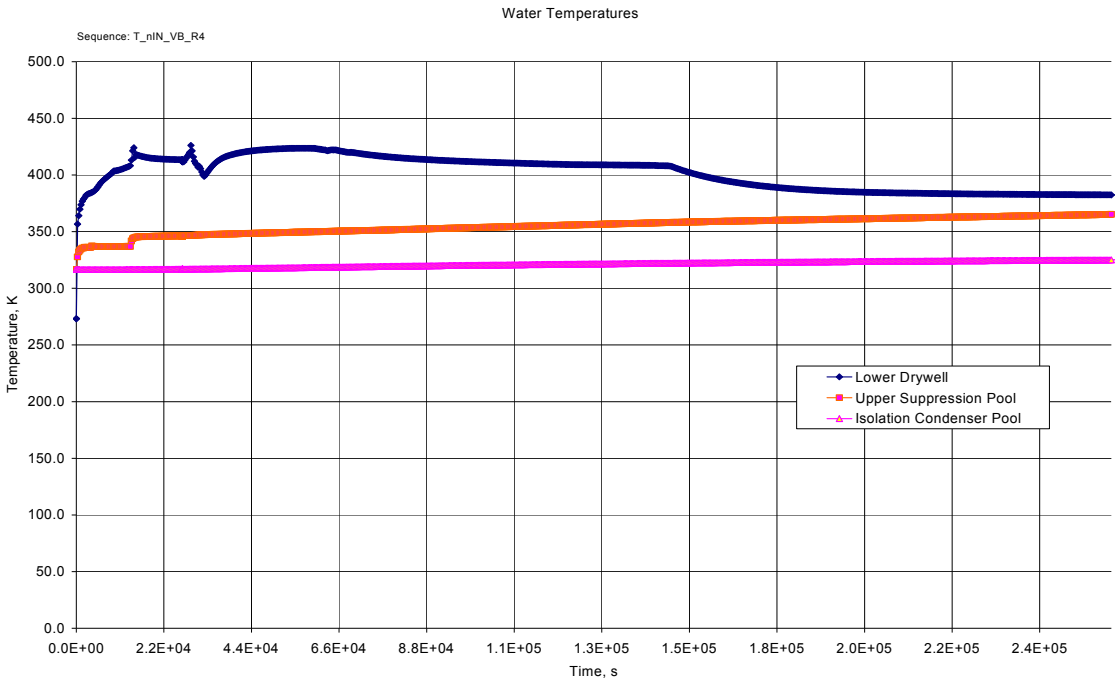

Figure 9A-14o. T_nIN_VB_R4 Water Temperatures

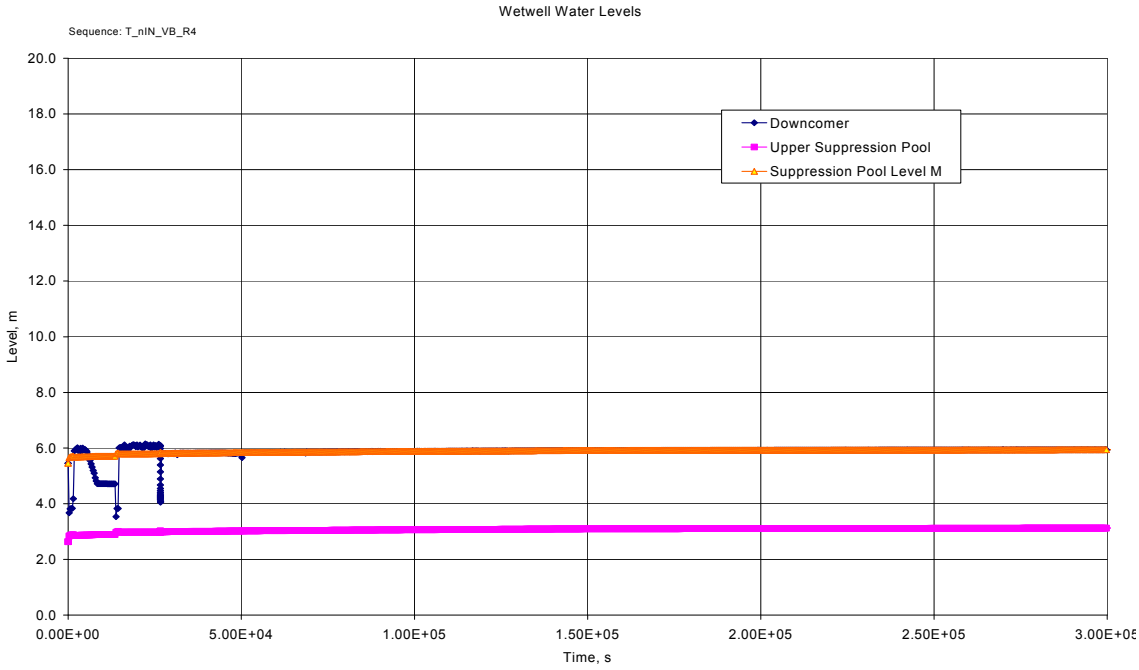

Figure 9A-14p. T_nIN_VB_R4 Wetwell Water Levels

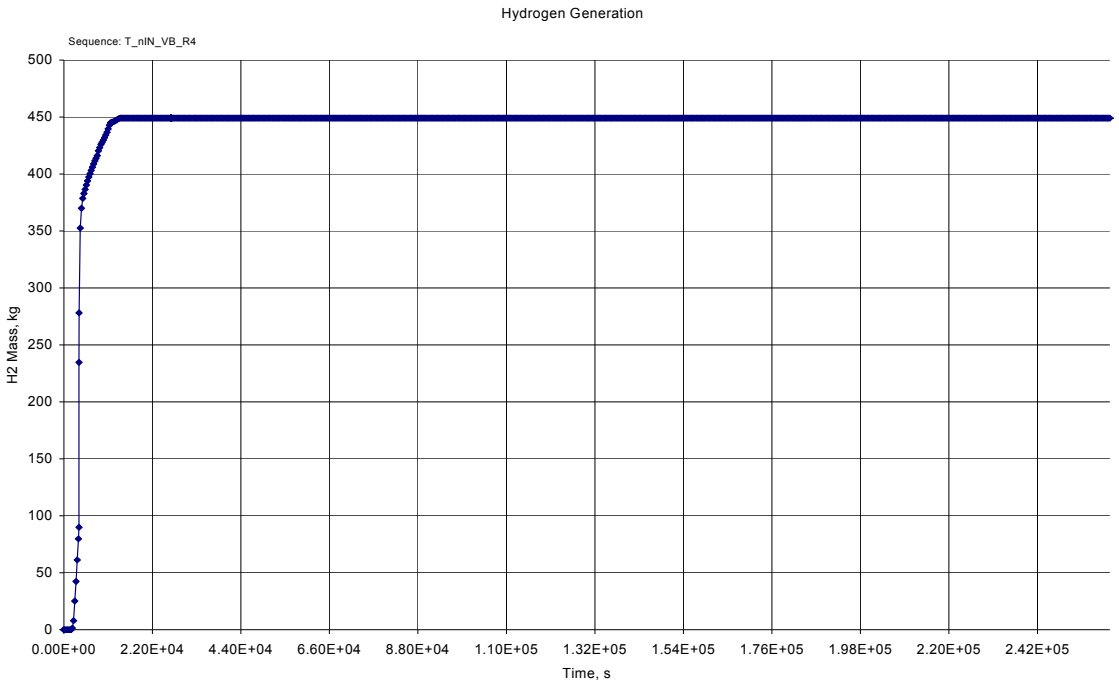

Figure 9A-14q. T_nIN_VB_R4 Hydrogen Generation

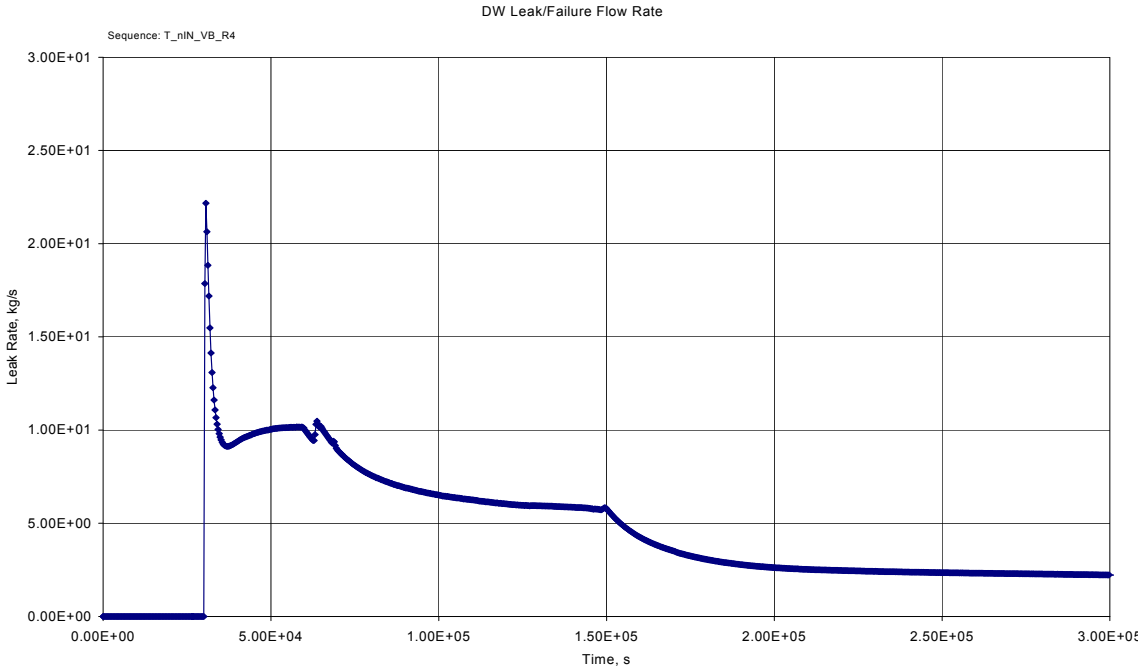

Figure 9A-14r. T_nIN_VB_R4 Drywell Leak/Failure Flow Rate

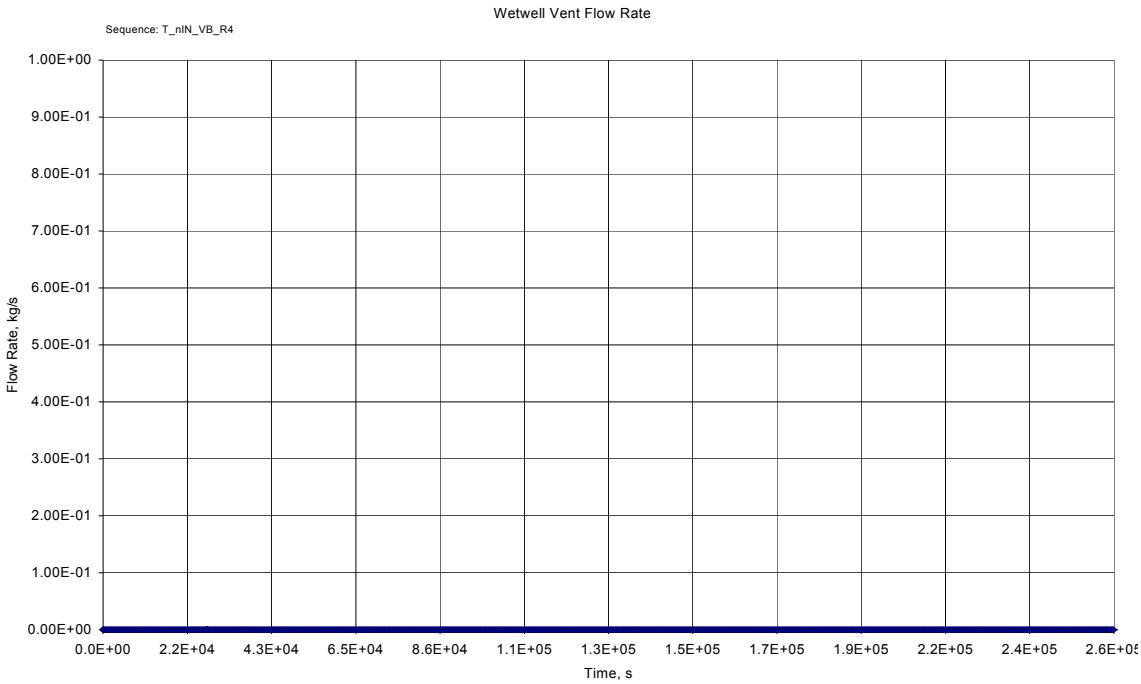

Figure 9A-14s. T_nIN_VB_R4 Wetwell Vent Flow Rate

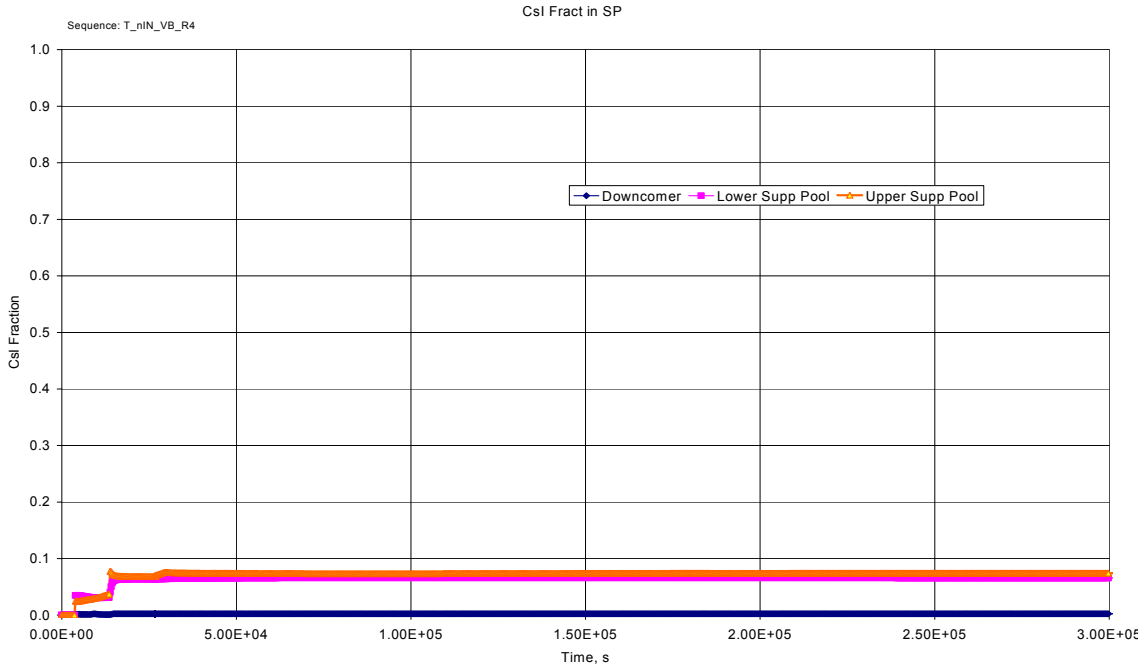

Figure 9A-14t. T_nIN_VB_R4 CsI Release Fraction In SP

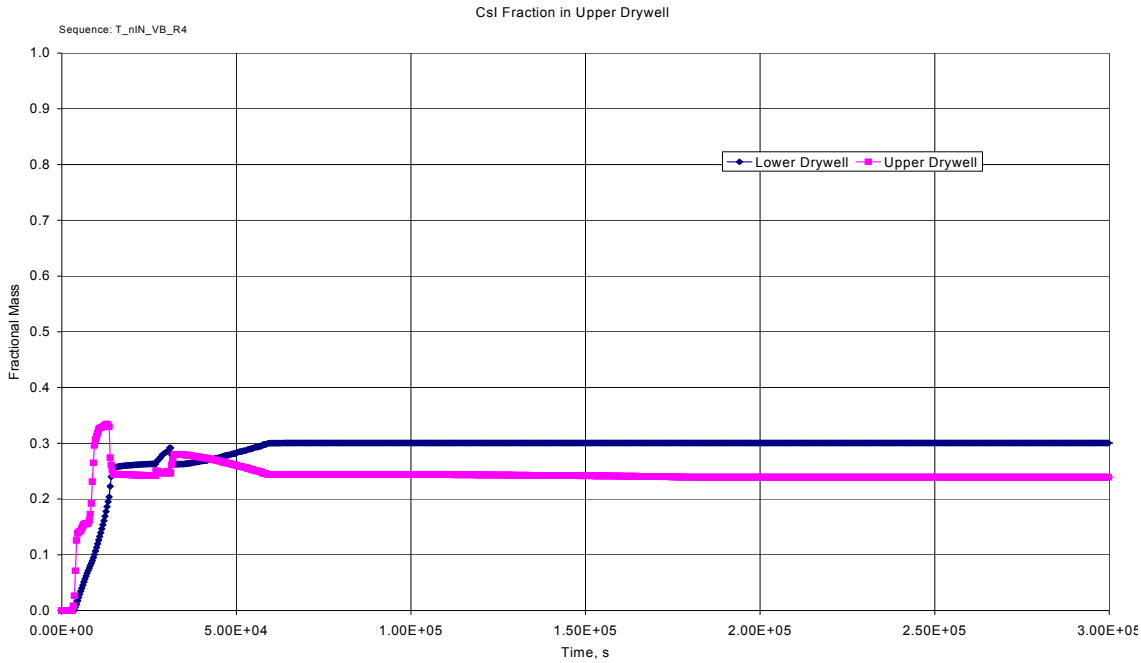

Figure 9A-14u. T_nIN_VB_R4 CsI Fraction in Upper Drywell

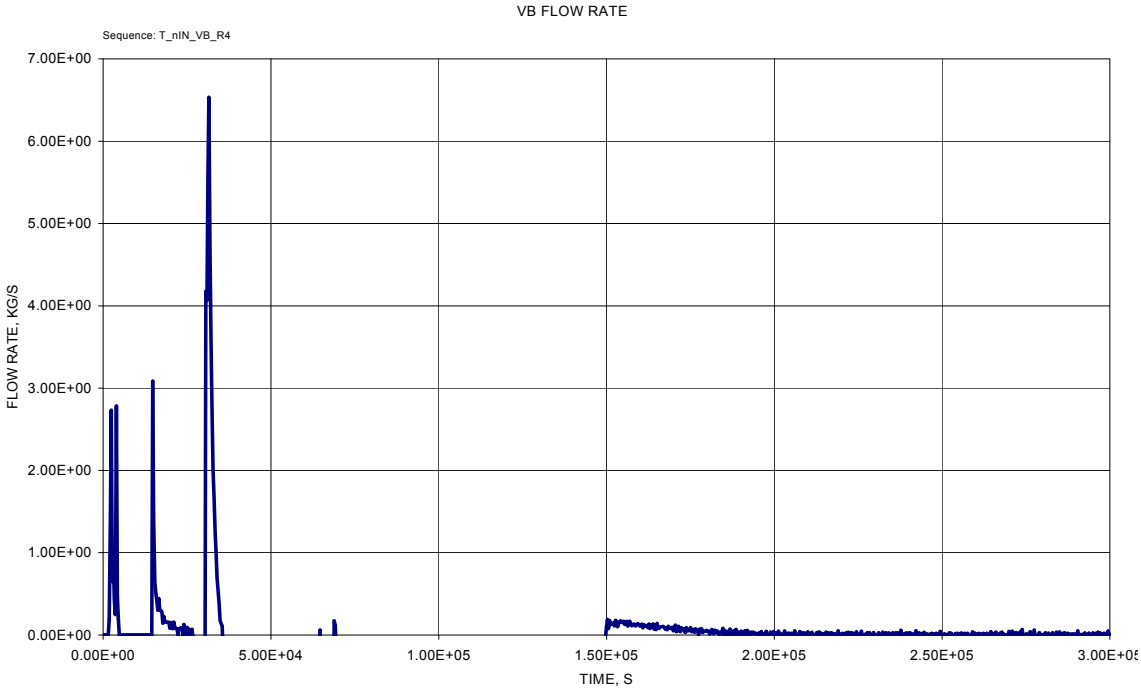

Figure 9A-14v. T_nIN_VB_R4 Vacuum Breaker Flow Rate

9A.15 Containment Overpressure (W1) T_nDP_nIN_nCHR_W1_R4

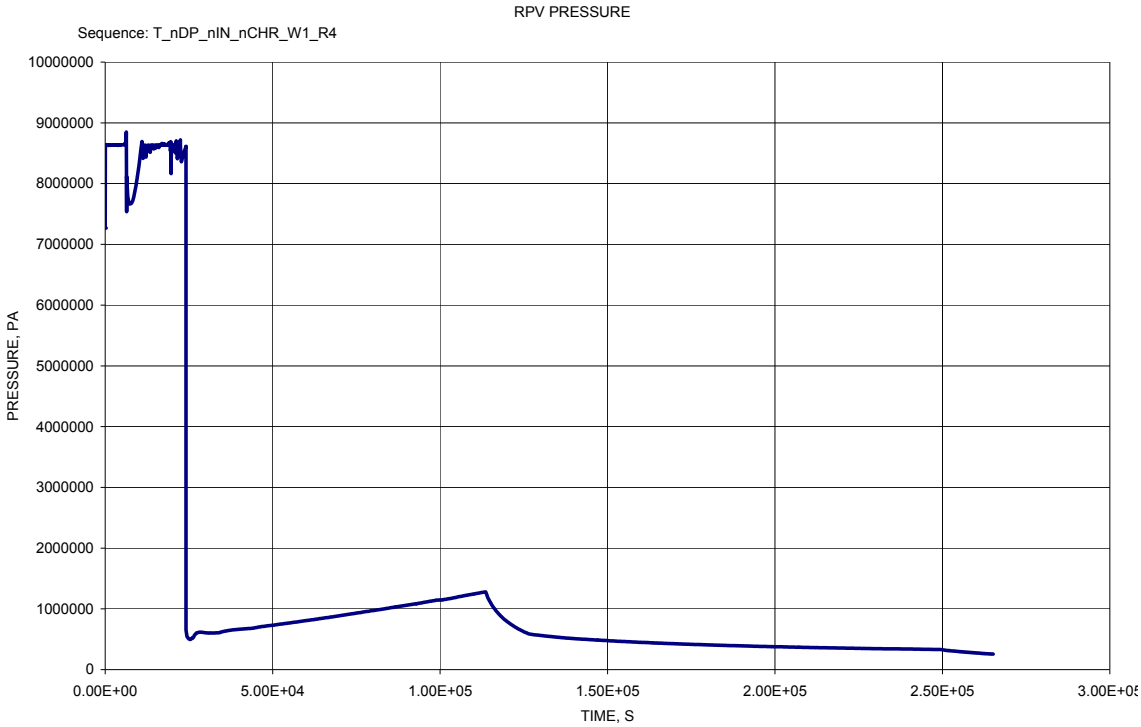

Figure 9A-15a. T_nDP_nIN_nCHR_W1_R4 RPV Pressure

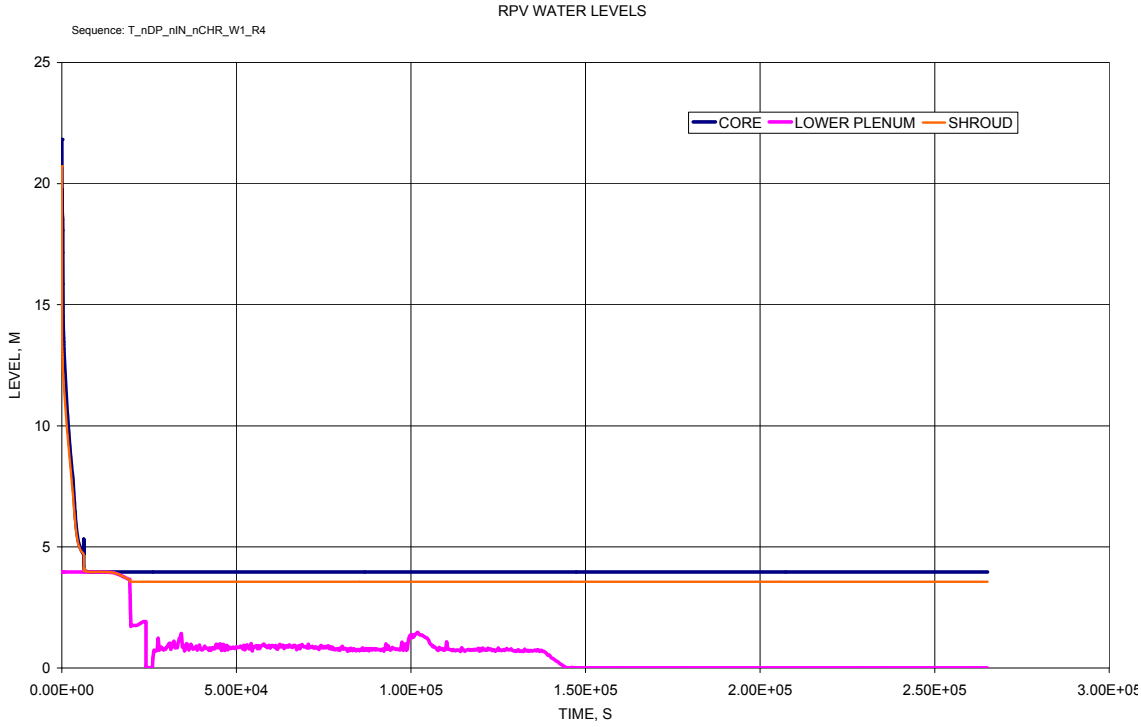

Figure 9A-15b. T_nDP_nIN_nCHR_W1_R4 RPV Water Levels

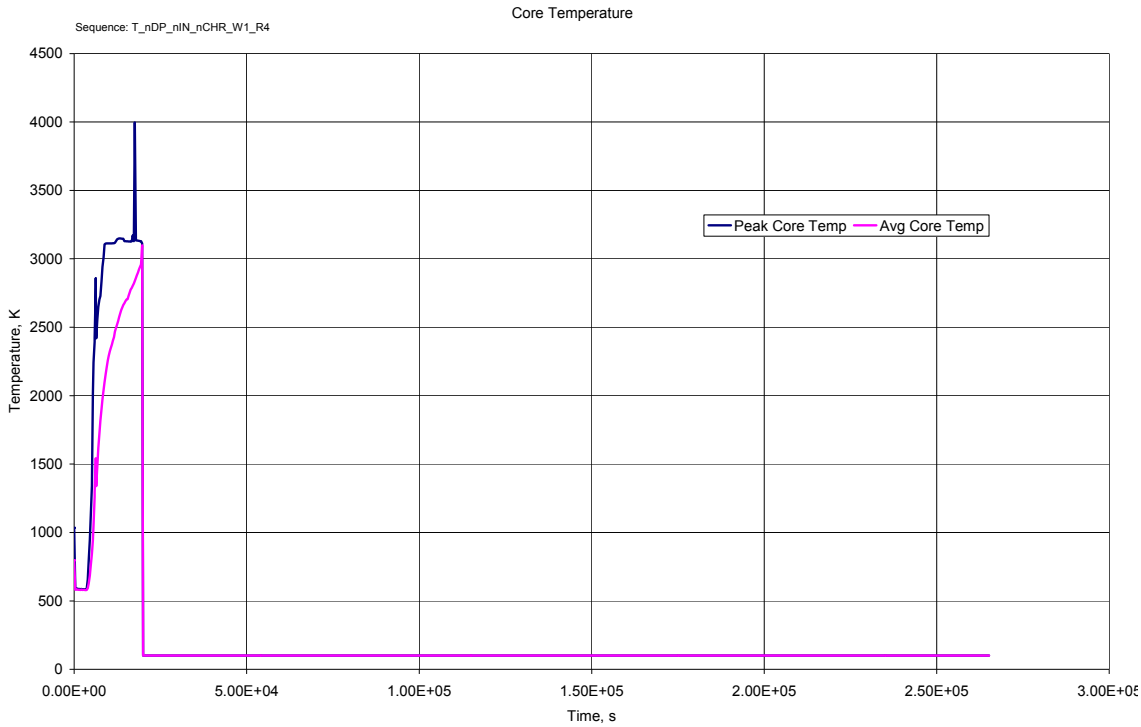

Figure 9A-15c. T_nDP_nIN_nCHR_W1_R4 Core Temperature

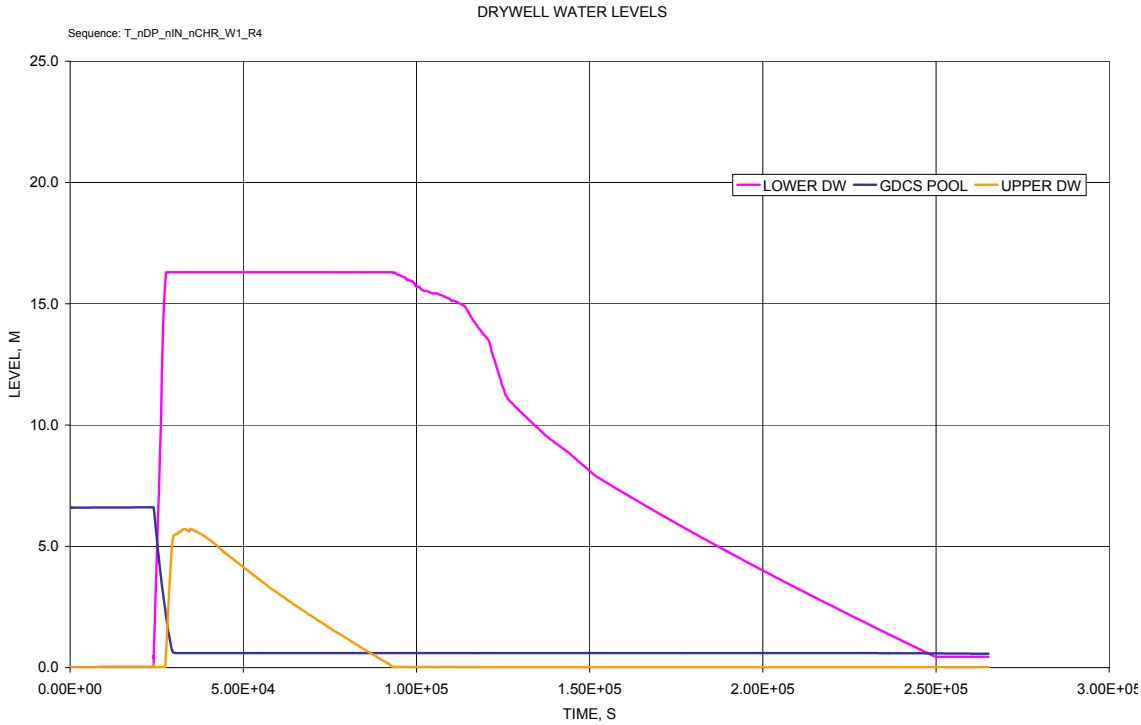

Figure 9A-15d. T_nDP_nIN_nCHR_W1_R4 Drywell Water Levels

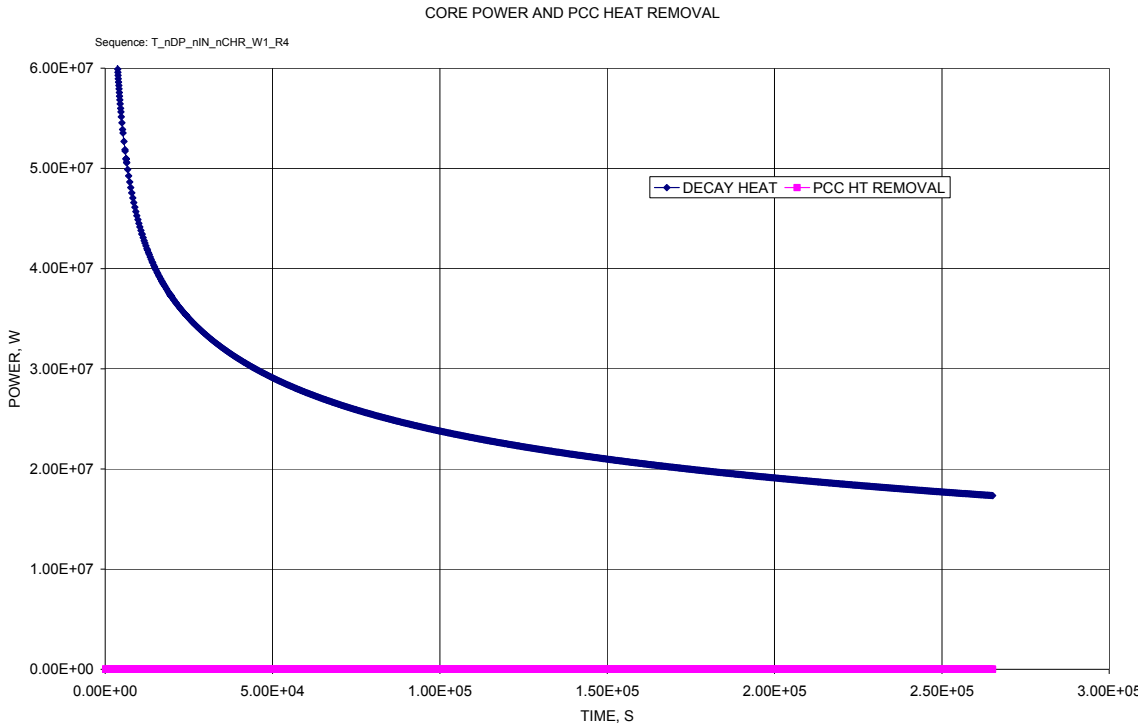

Figure 9A-15e. T_nDP_nIN_nCHR_W1_R4 Core Power and PCCS Heat Removal

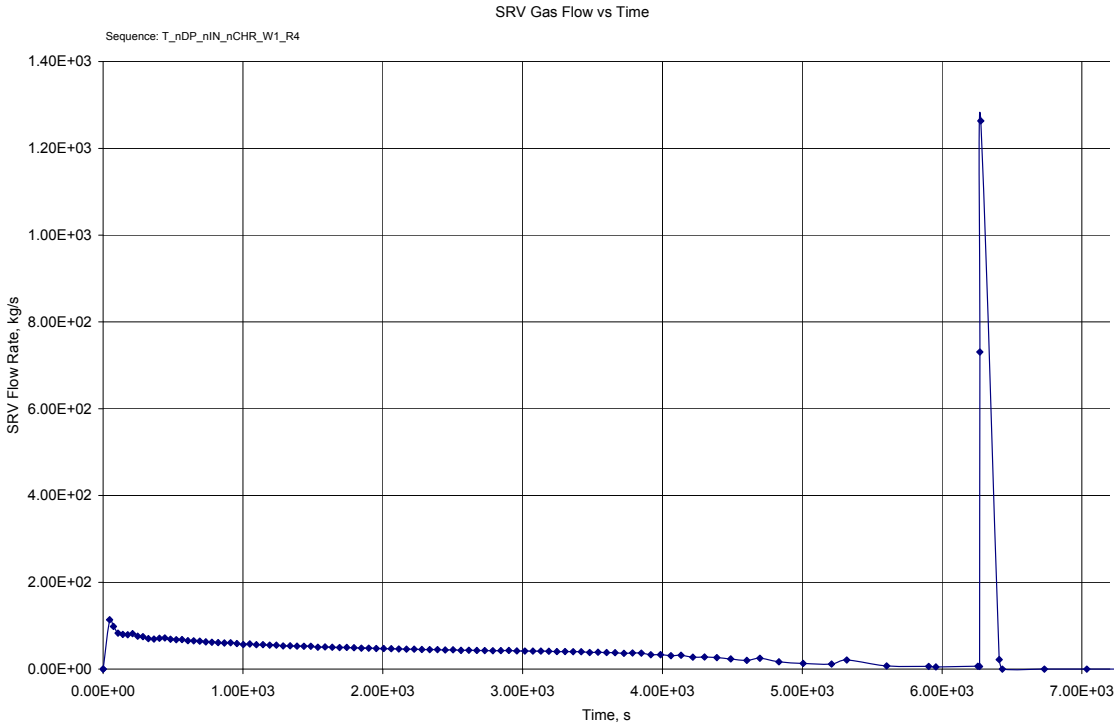

Figure 9A-15f. T_nDP_nIN_nCHR_W1_R4 SRV Gas Flow Rate

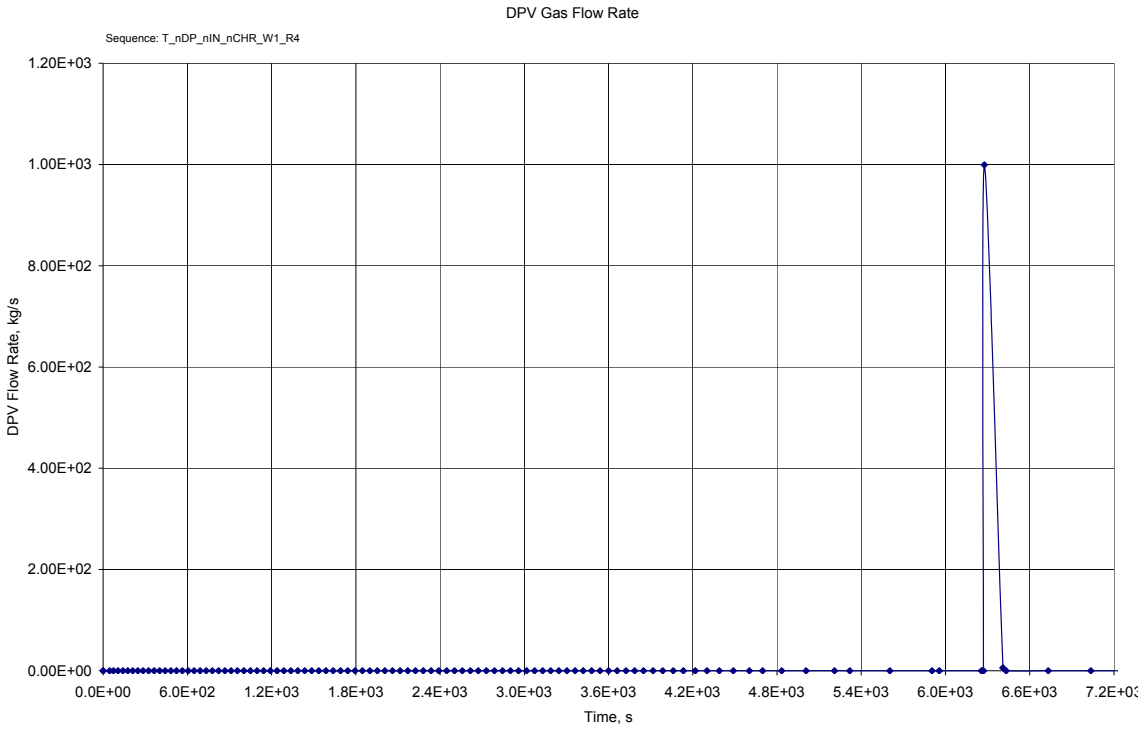

Figure 9A-15g. T_nDP_nIN_nCHR_W1_R4 DPV Gas Flow Rate

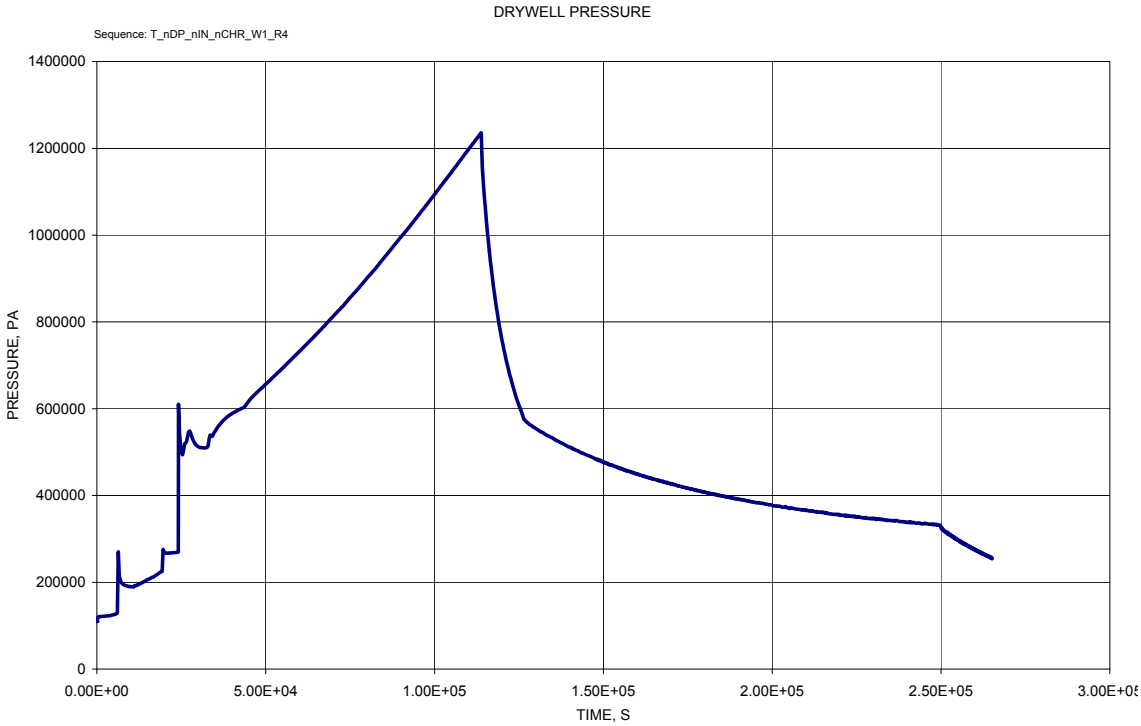

Figure 9A-15h. T_nDP_nIN_nCHR_W1_R4 Drywell Pressure

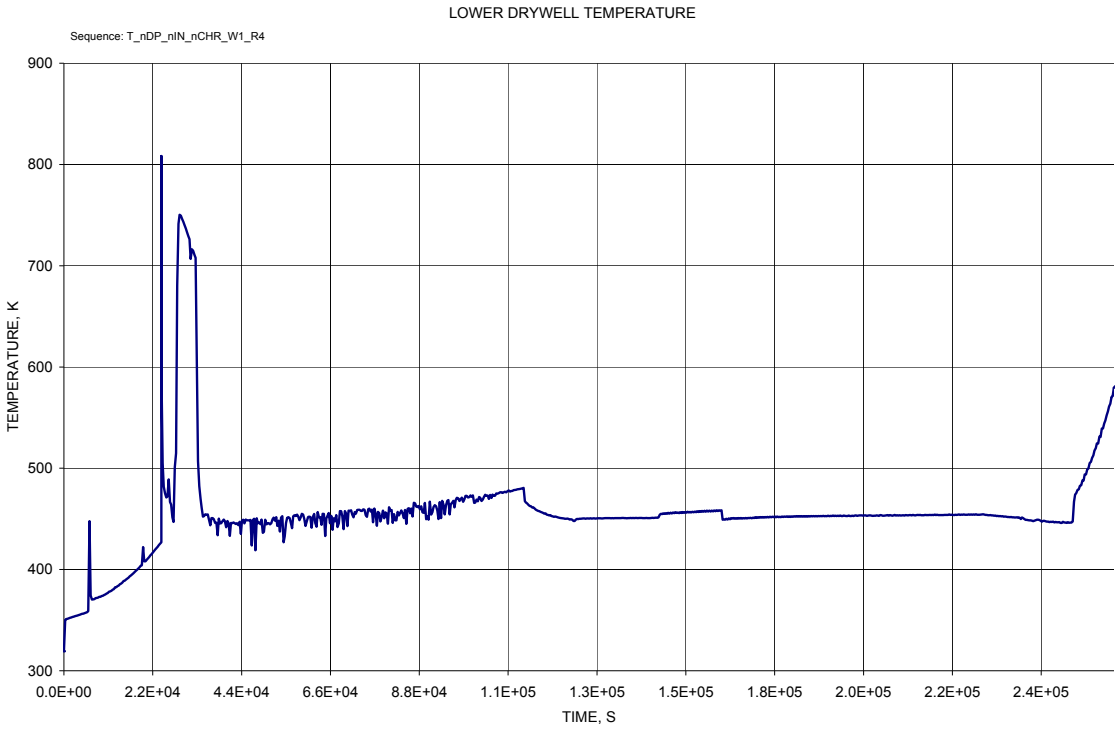

Figure 9A-15i. T_nDP_nIN_nCHR_W1_R4 Lower Drywell Temperature

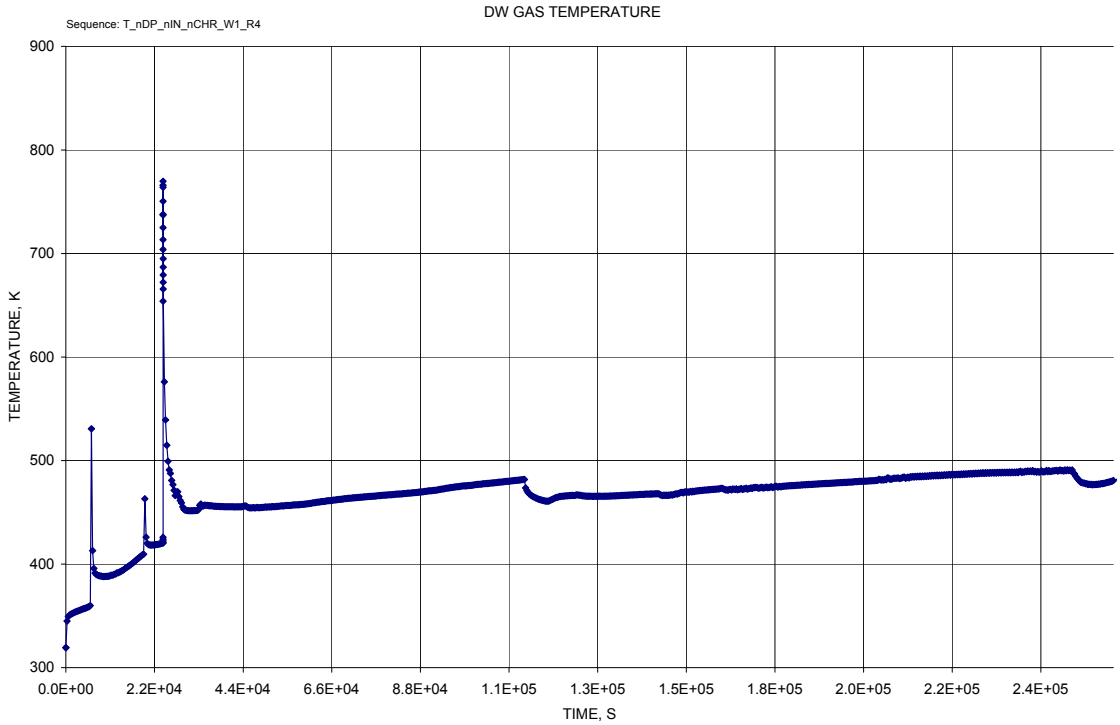

Figure 9A-15j. T_nDP_nIN_nCHR_W1_R4 Drywell Gas Temperature

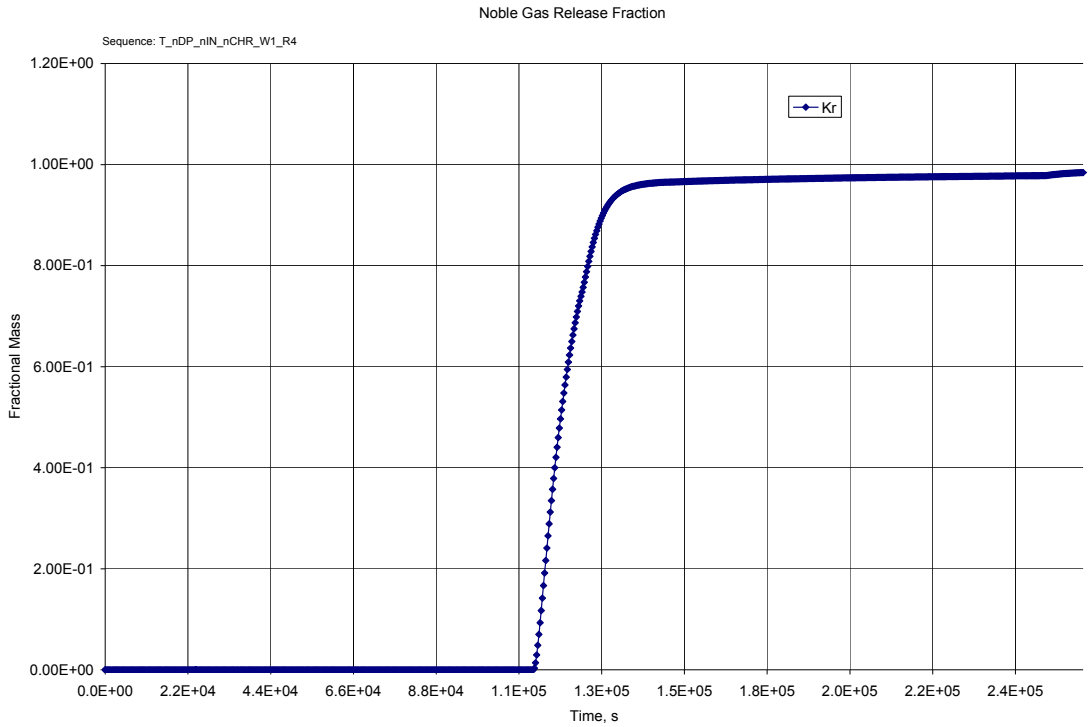

Figure 9A-15k. T_nDP_nIN_nCHR_W1_R4 Noble Gas Release Fraction

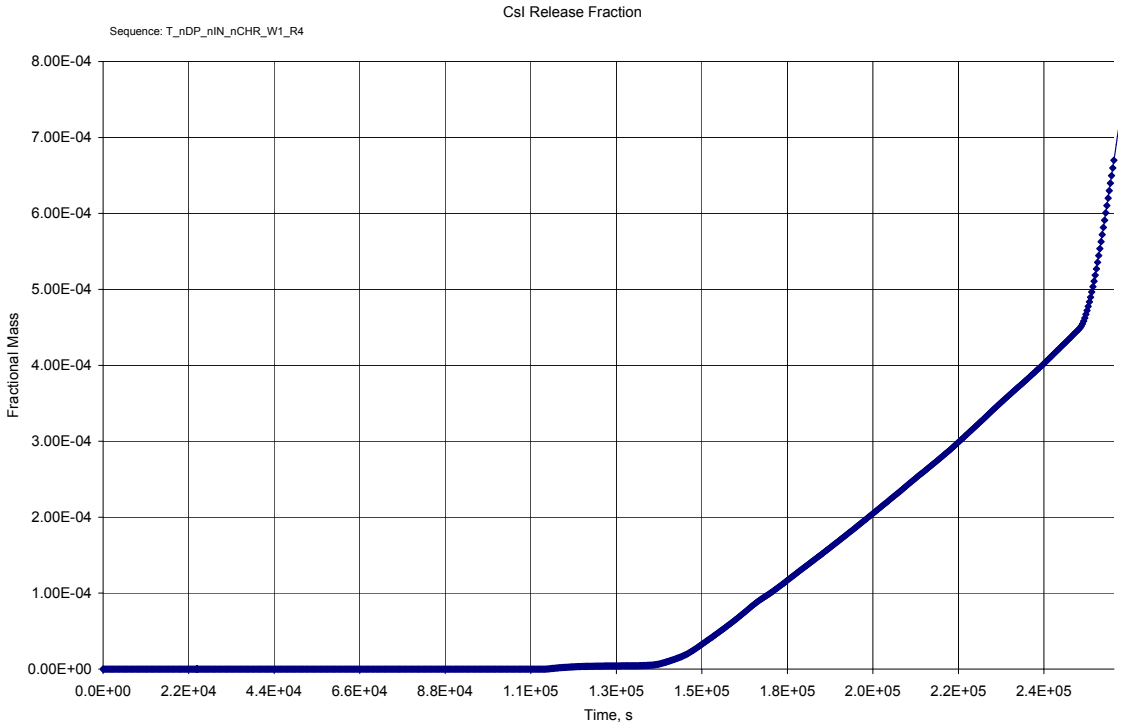

Figure 9A-15l. T_nDP_nIN_nCHR_W1_R4CsI Release Fraction

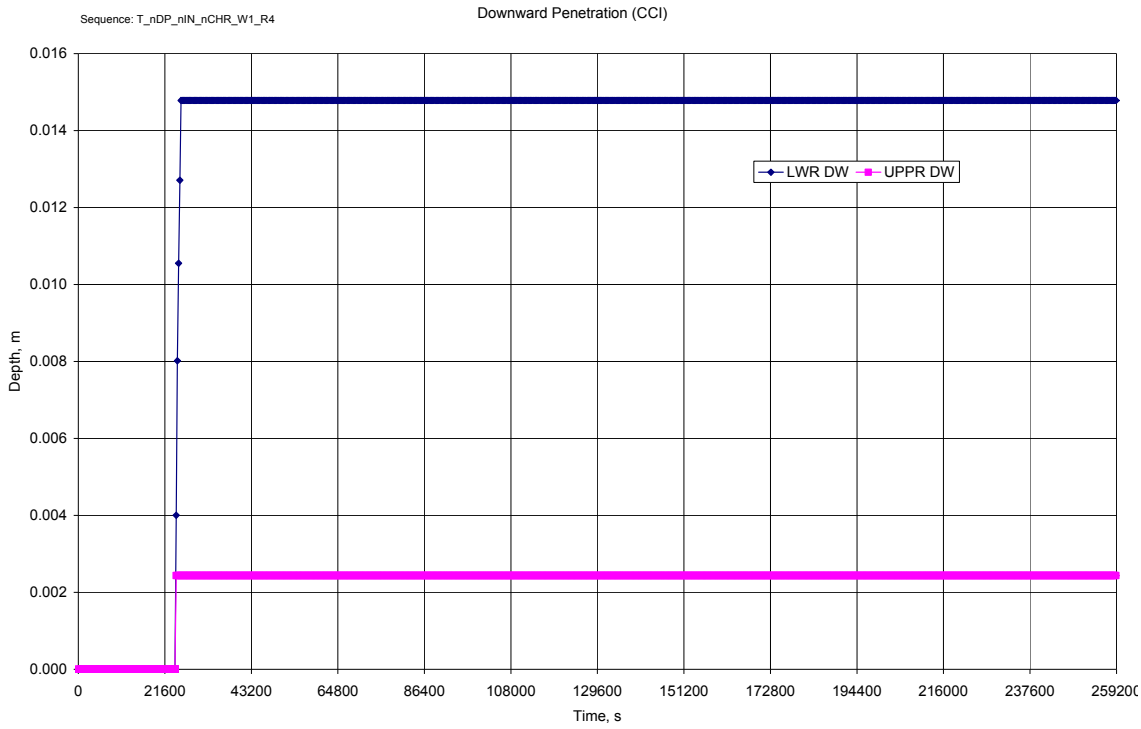

Figure 9A-15m.T_nDP_nIN_nCHR_W1_R4 Downward Penetration (CCI)

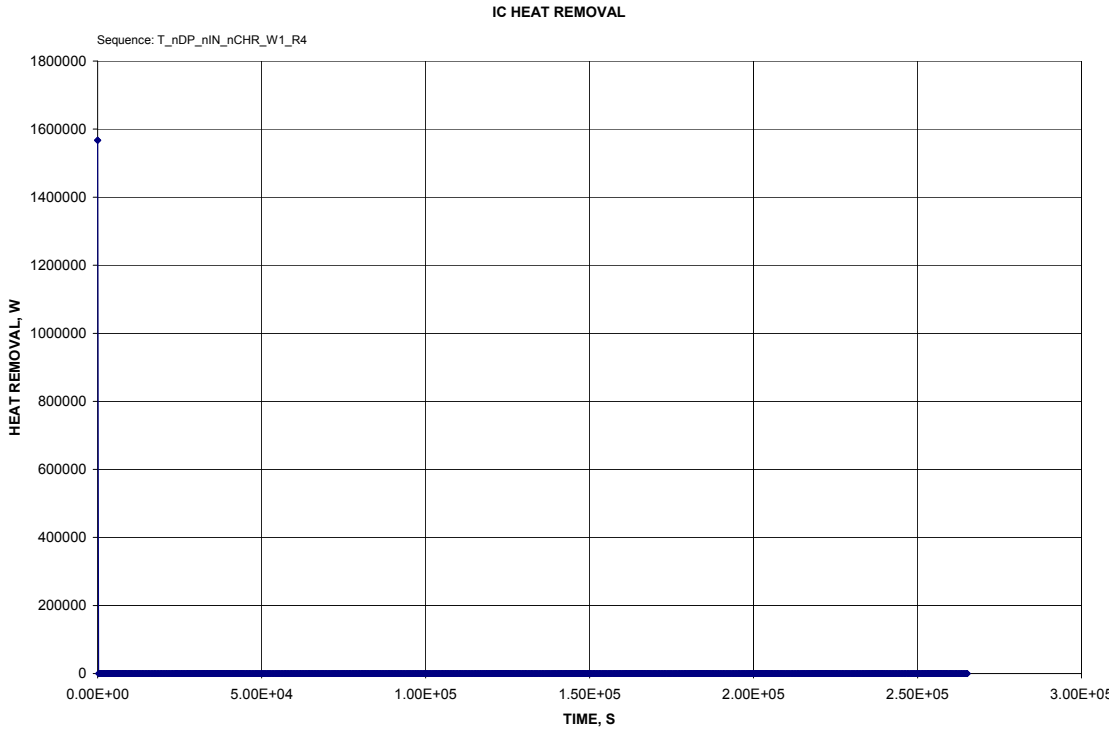

Figure 9A-15n. T_nDP_nIN_nCHR_W1_R4 ICS Heat Removal

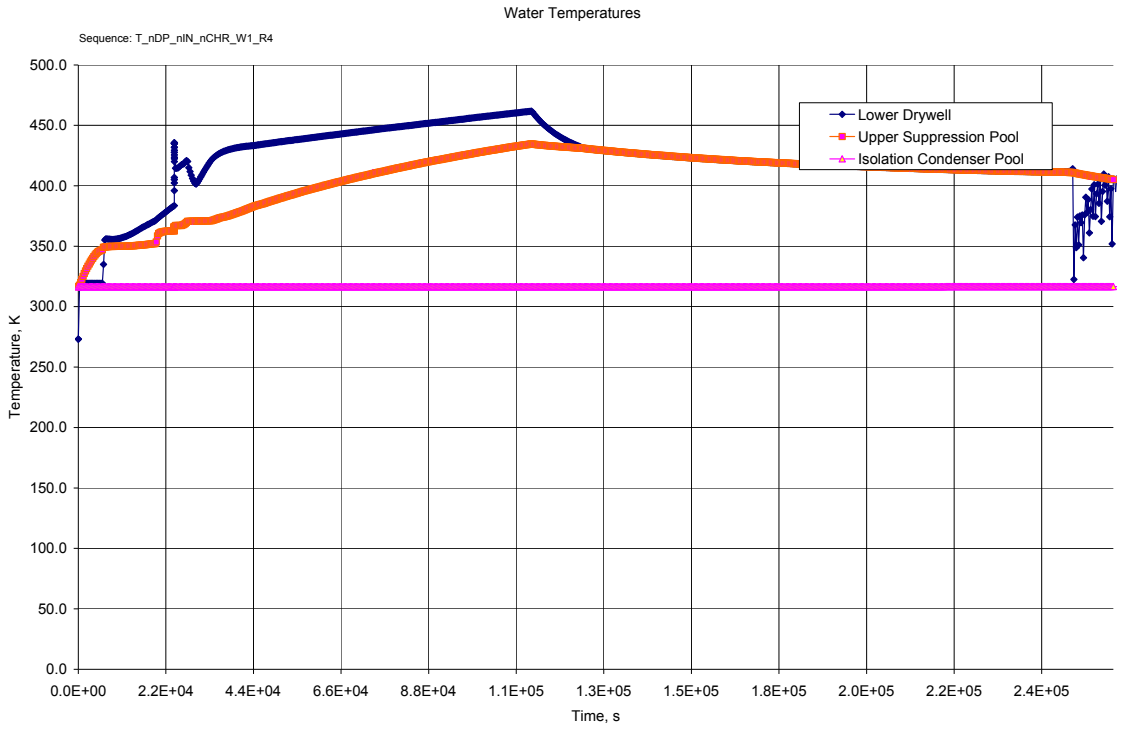

Figure 9A-15o. T_nDP_nIN_nCHR_W1_R4 Water Temperatures

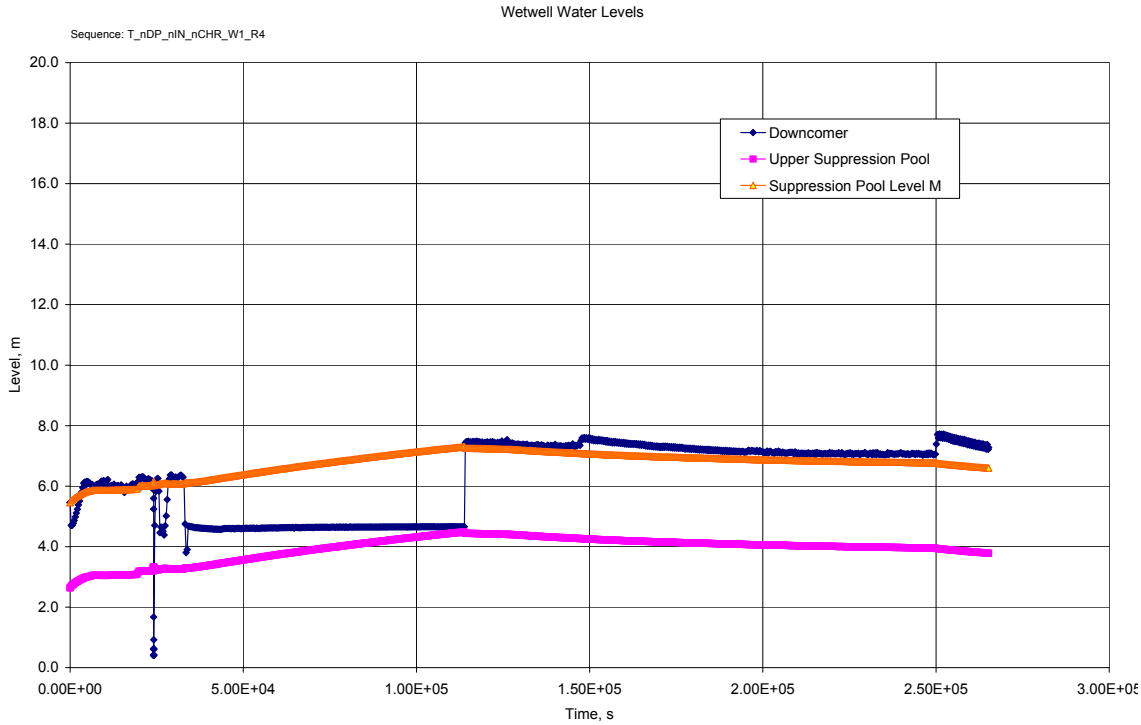

Figure 9A-15p. T_nDP_nIN_nCHR_W1_R4 Wetwell Water Levels

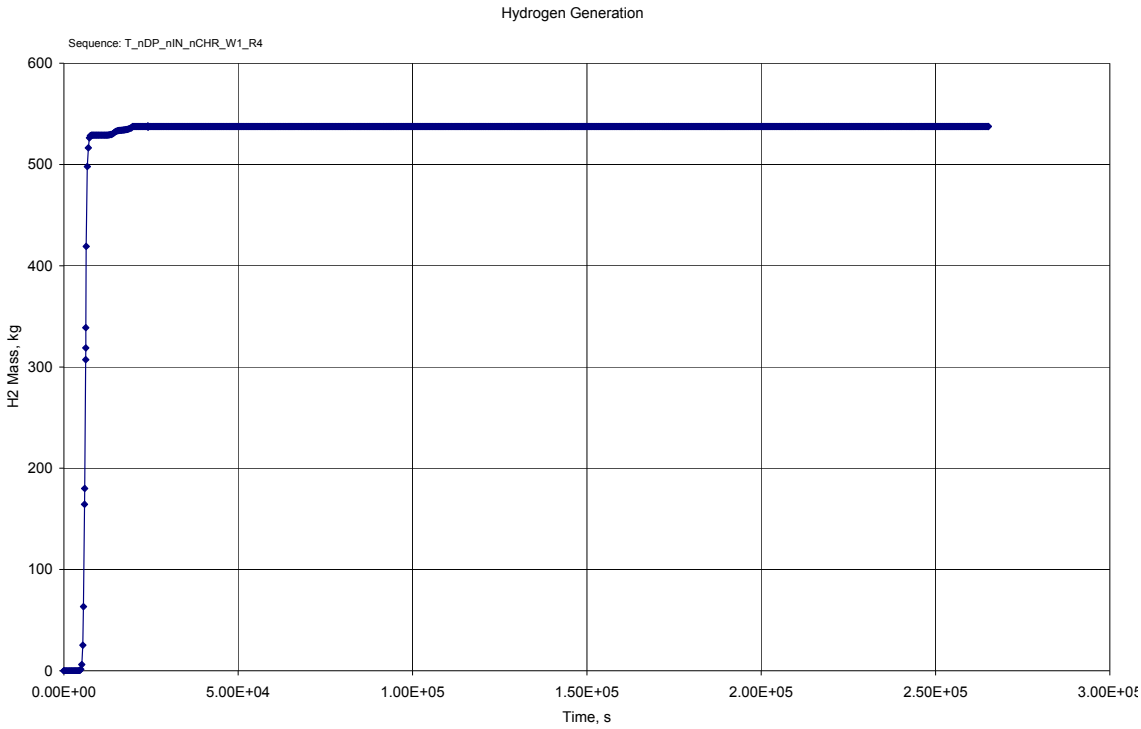

Figure 9A-15q. T_nDP_nIN_nCHR_W1_R4 Hydrogen Generation

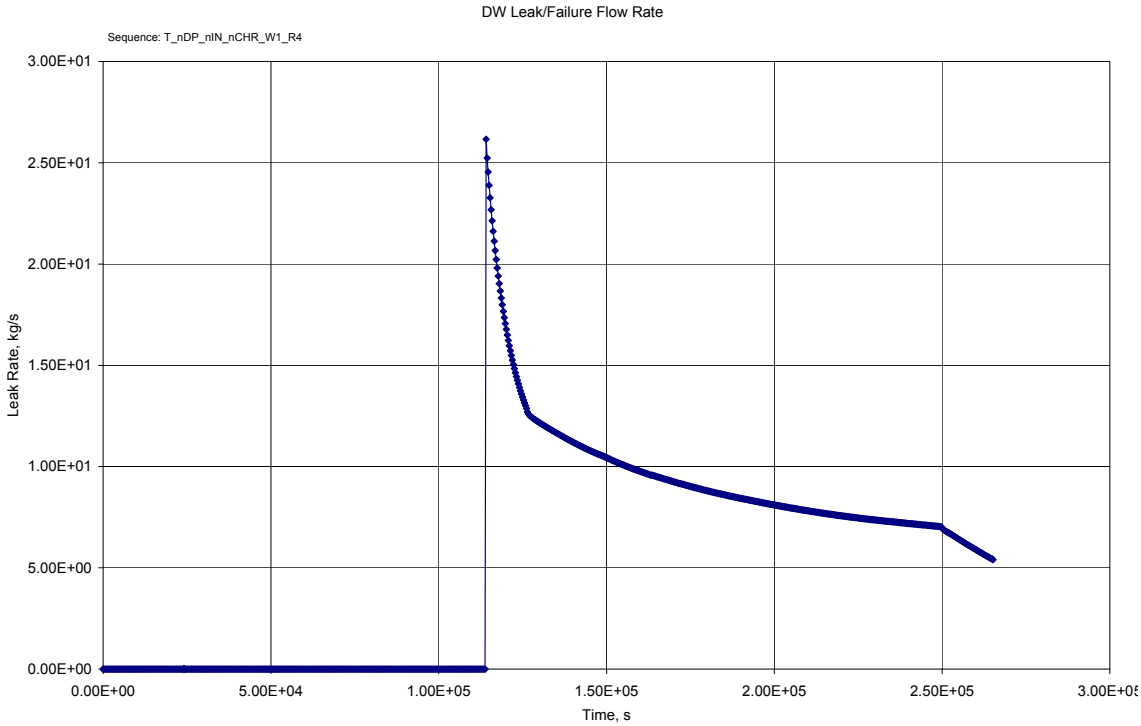

Figure 9A-15r. T_nDP_nIN_nCHR_W1_R4 Drywell Leak/Failure Flow Rate

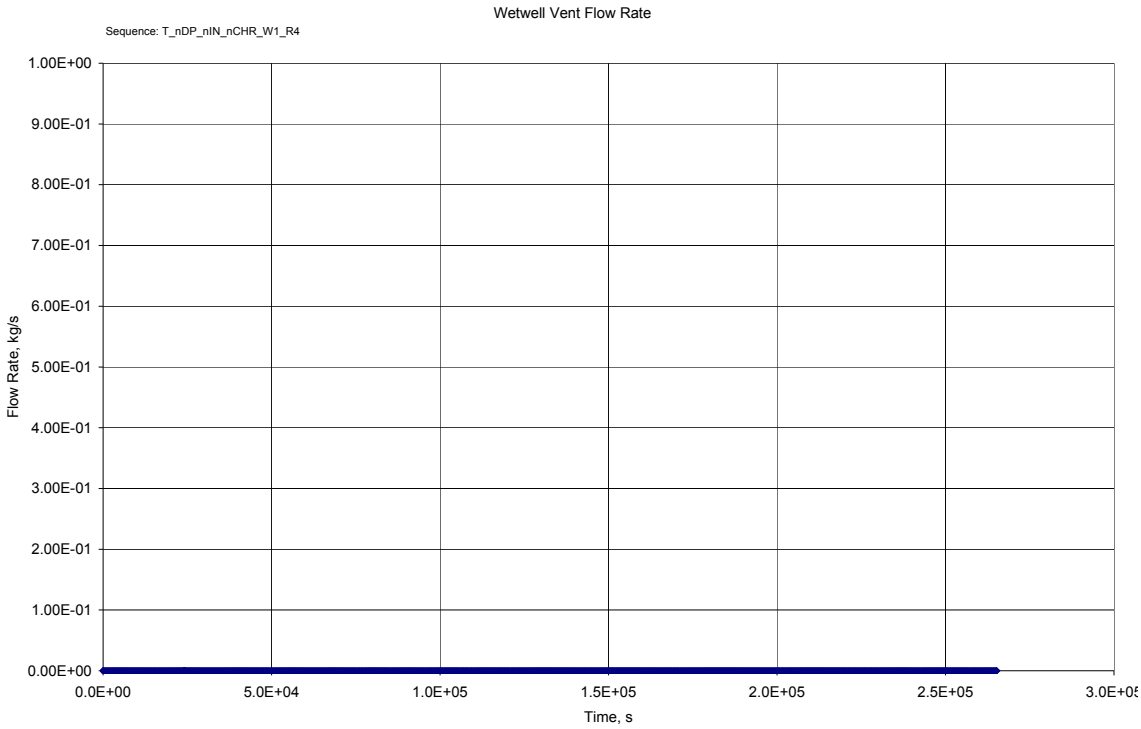

Figure 9A-15s. T_nDP_nIN_nCHR_W1_R4 Wetwell Vent Flow Rate

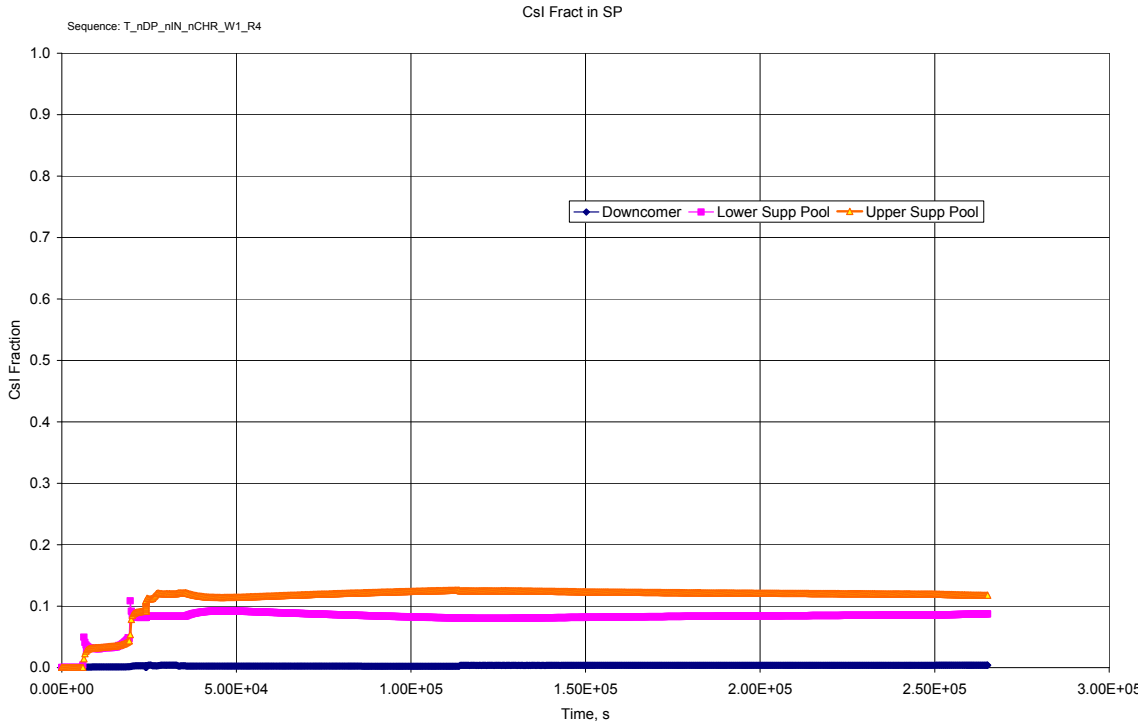

Figure 9A-15t. T_nDP_nIN_nCHR_W1_R4 CsI Fraction in Suppression Pool

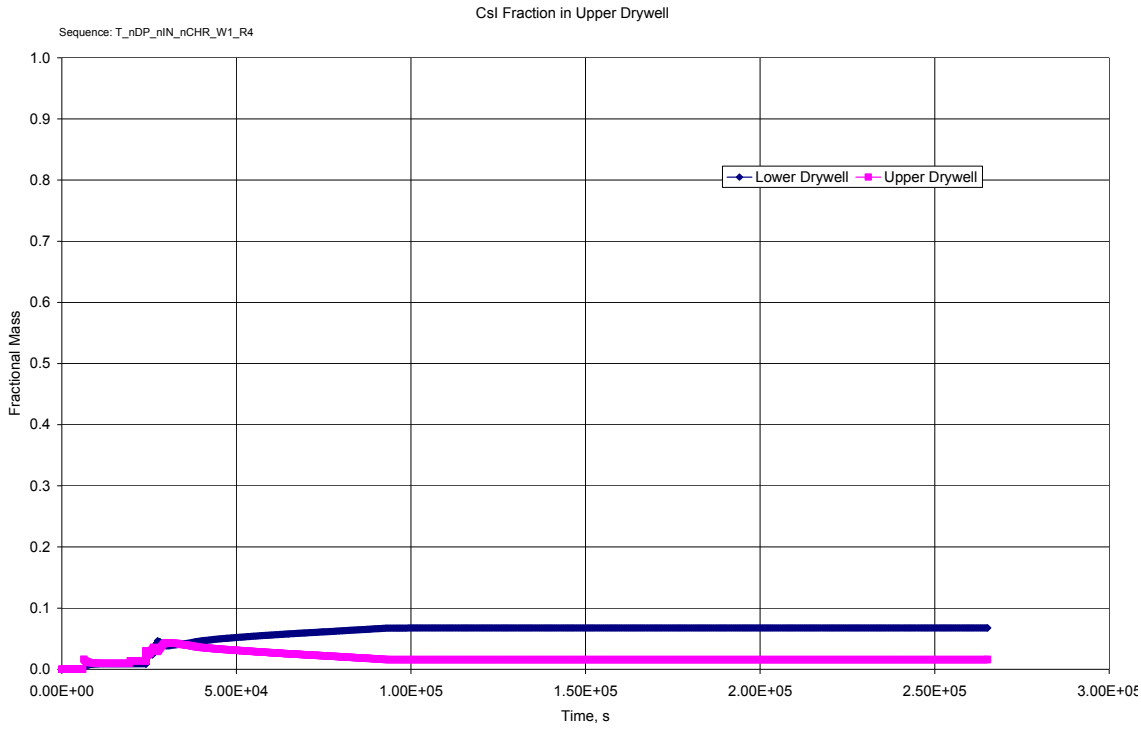

Figure 9A-15u. T_nDP_nIN_nCHR_W1_R4 CsI Fraction in Upper Drywell

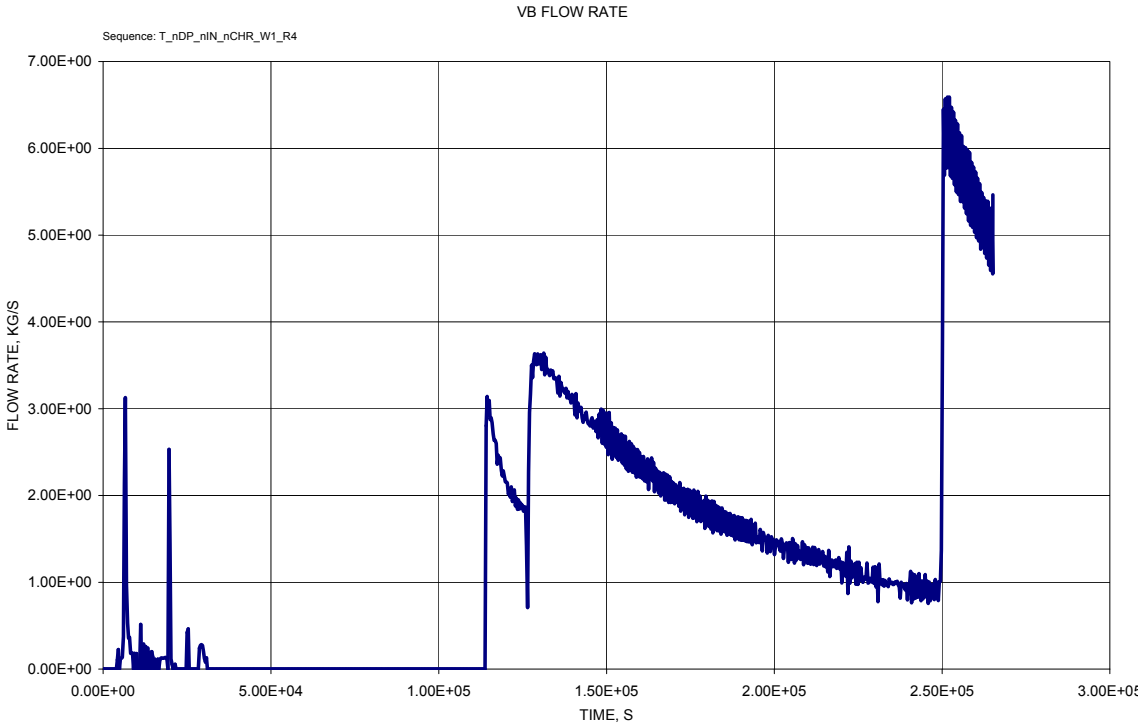

Figure 9A-15v. T_nDP_nIN_nCHR_W1_R4 Vacuum Breaker Flow Rate

9A.16 Containment Overpressure (W2) T_nDP_nIN_nCHR_W2_R4

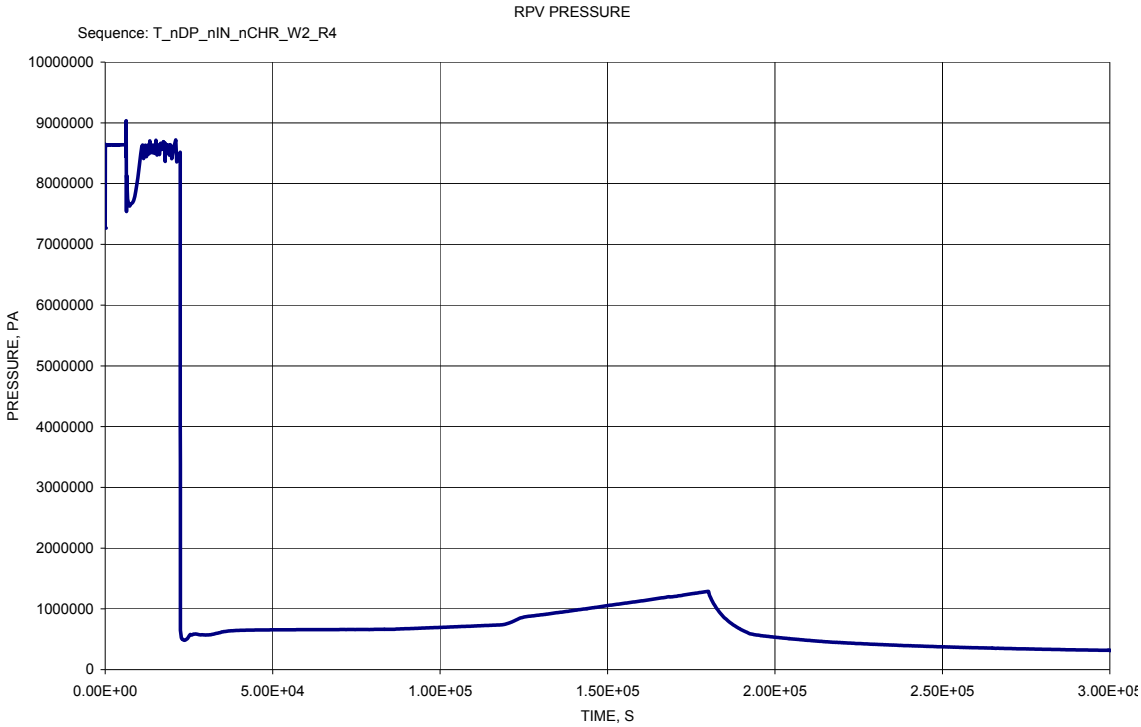

Figure 9A-16a. T_nDP_nIN_nCHR_W2_R4 RPV Pressure

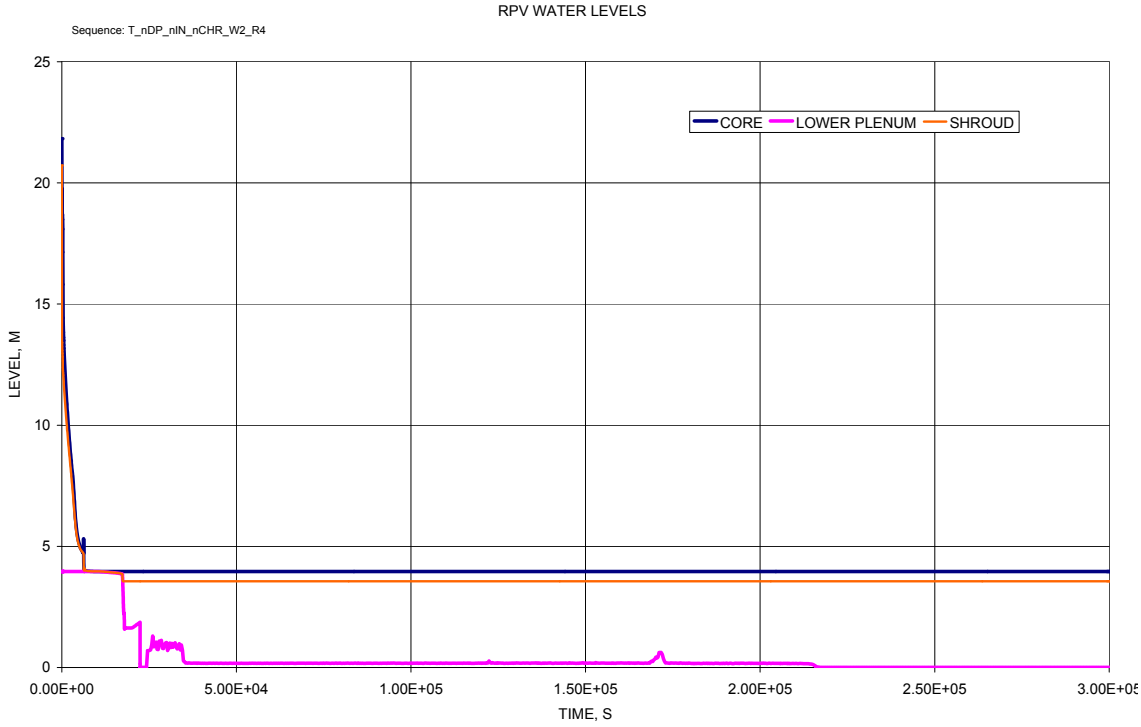

Figure 9A-16b. T_nDP_nIN_nCHR_W2_R4 RPV Water Levels

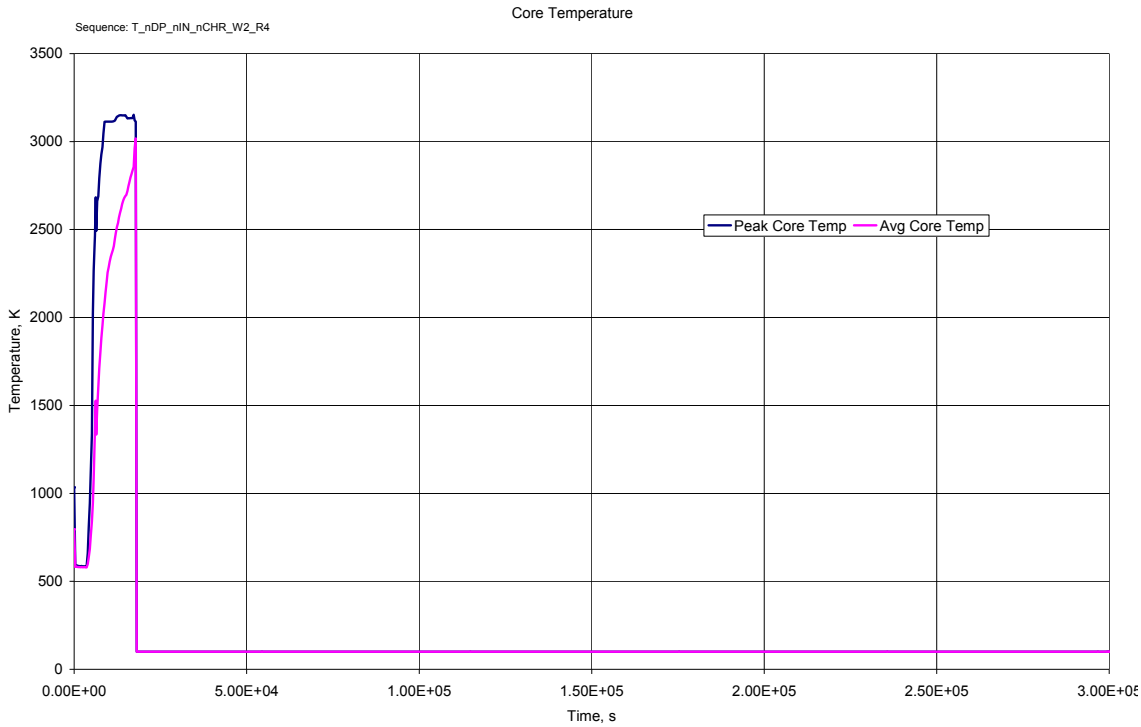

Figure 9A-16c. T_nDP_nIN_nCHR_W2_R4 Core Temperature

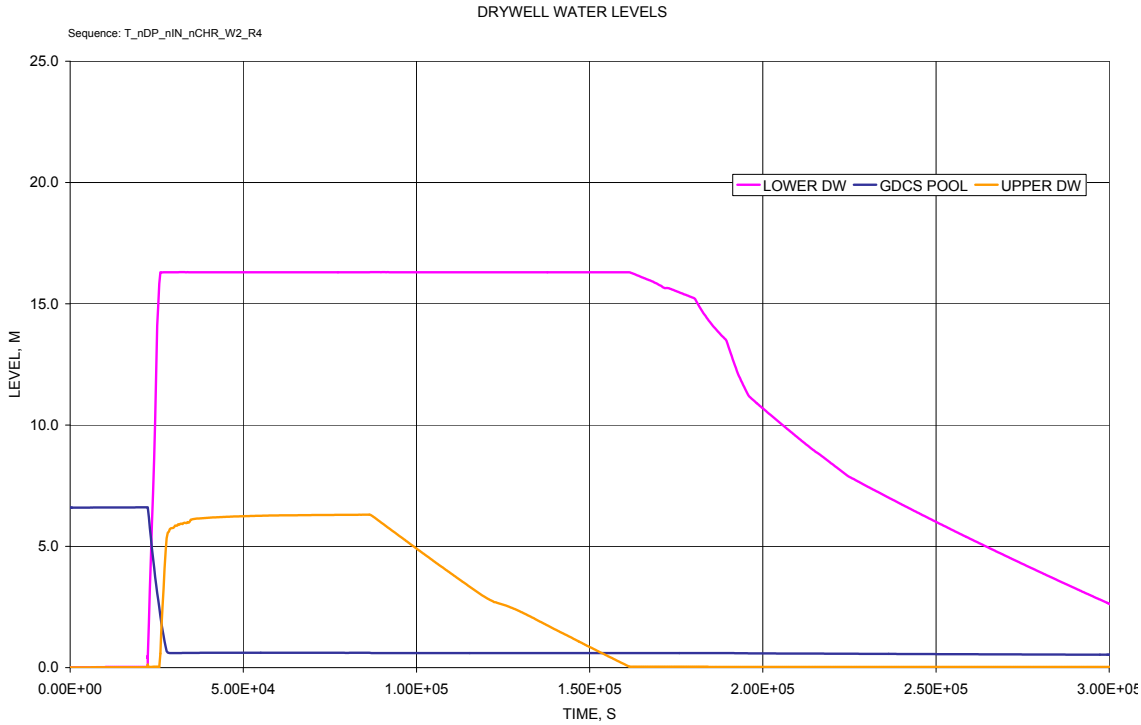

Figure 9A-16d. T_nDP_nIN_nCHR_W2_R4 Drywell Water Levels

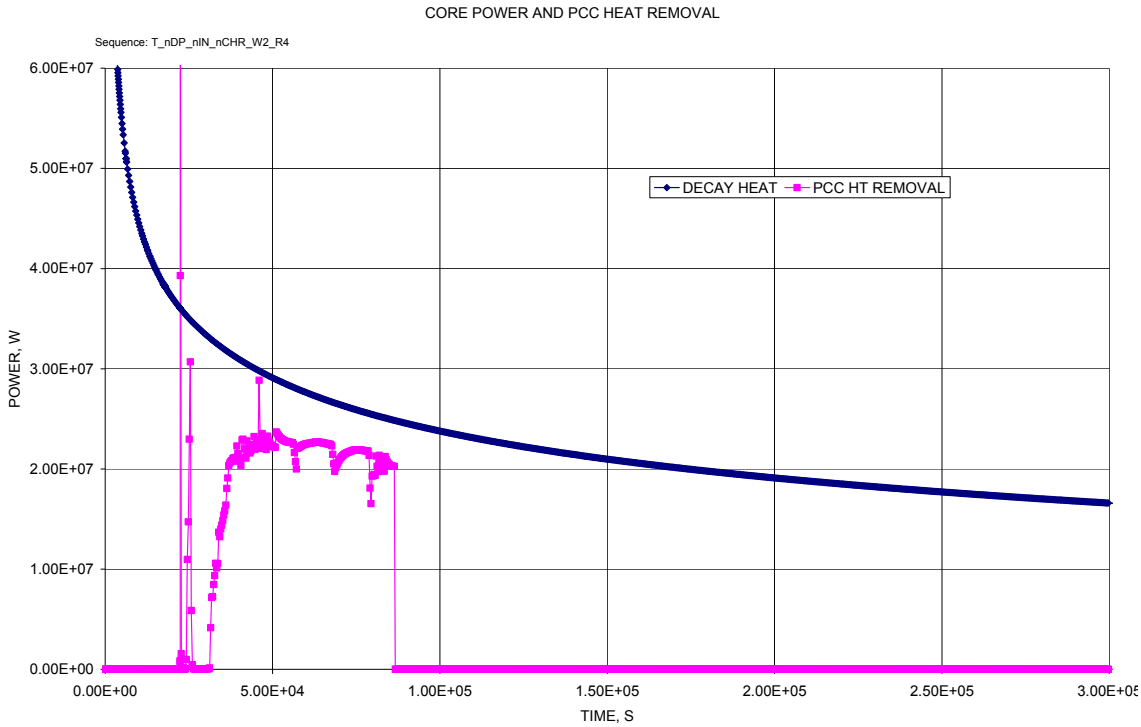

Figure 9A-16e. T_nDP_nIN_nCHR_W2_R4 Core Power and PCCS Heat Removal

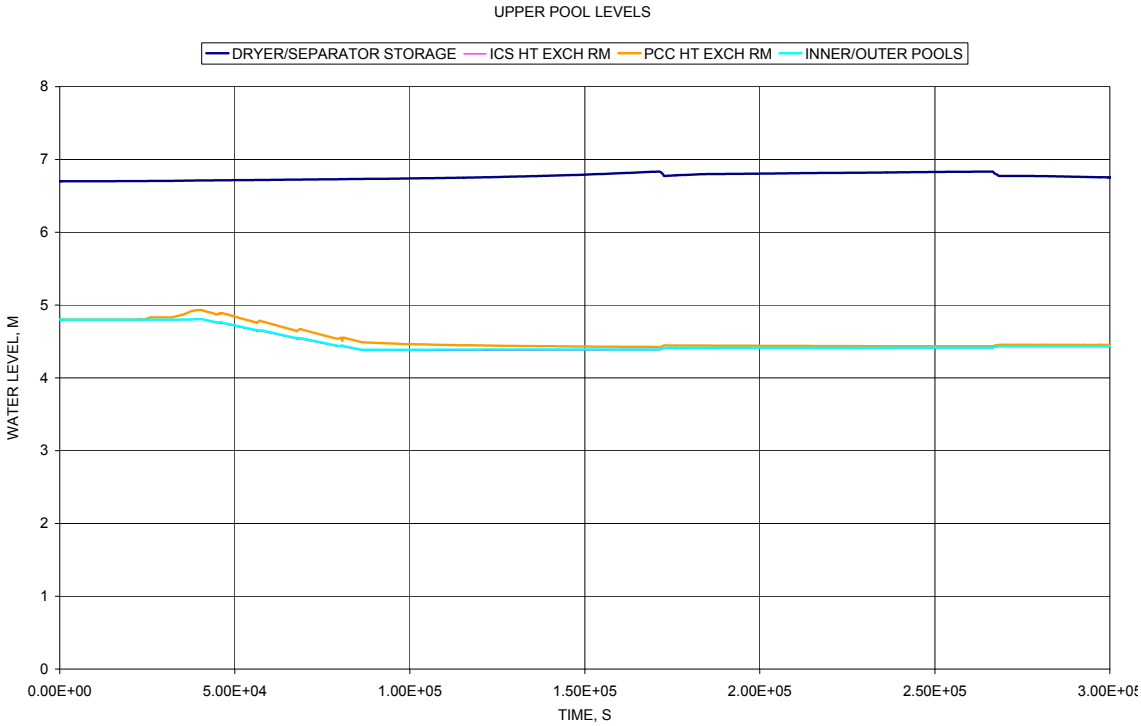

Figure 9A-16f. T_nDP_nIN_nCHR_W2_R4 Upper Pool Water Levels

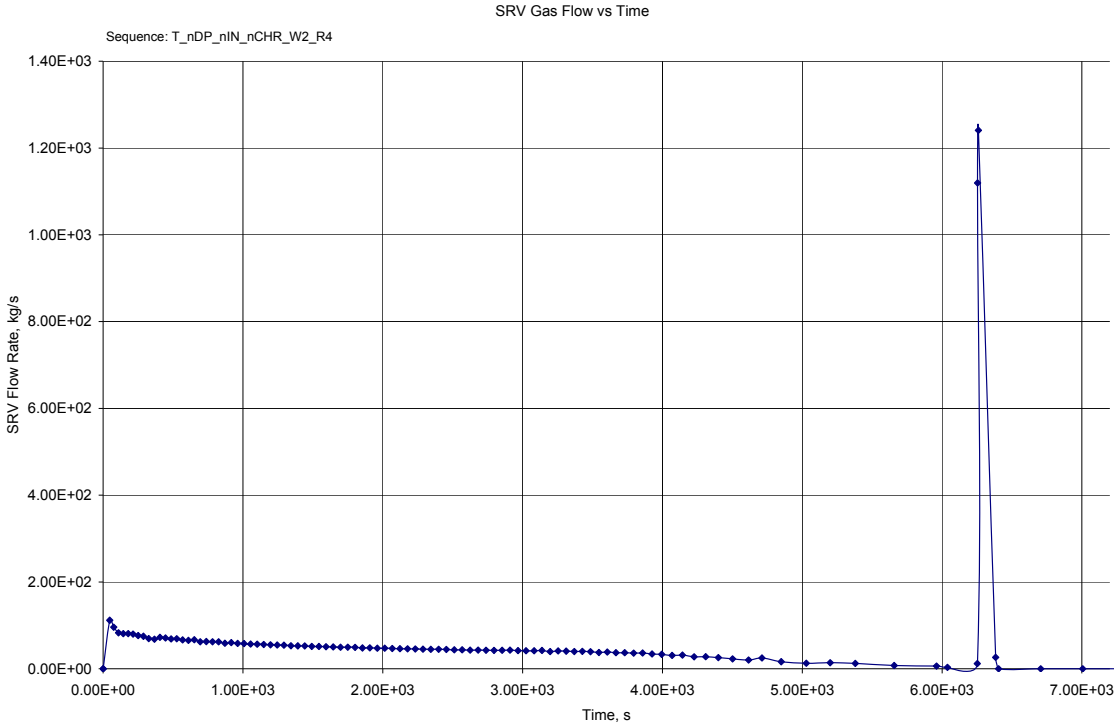

Figure 9A-16g. T_nDP_nIN_nCHR_W2_R4 SRV Gas Flow Rate

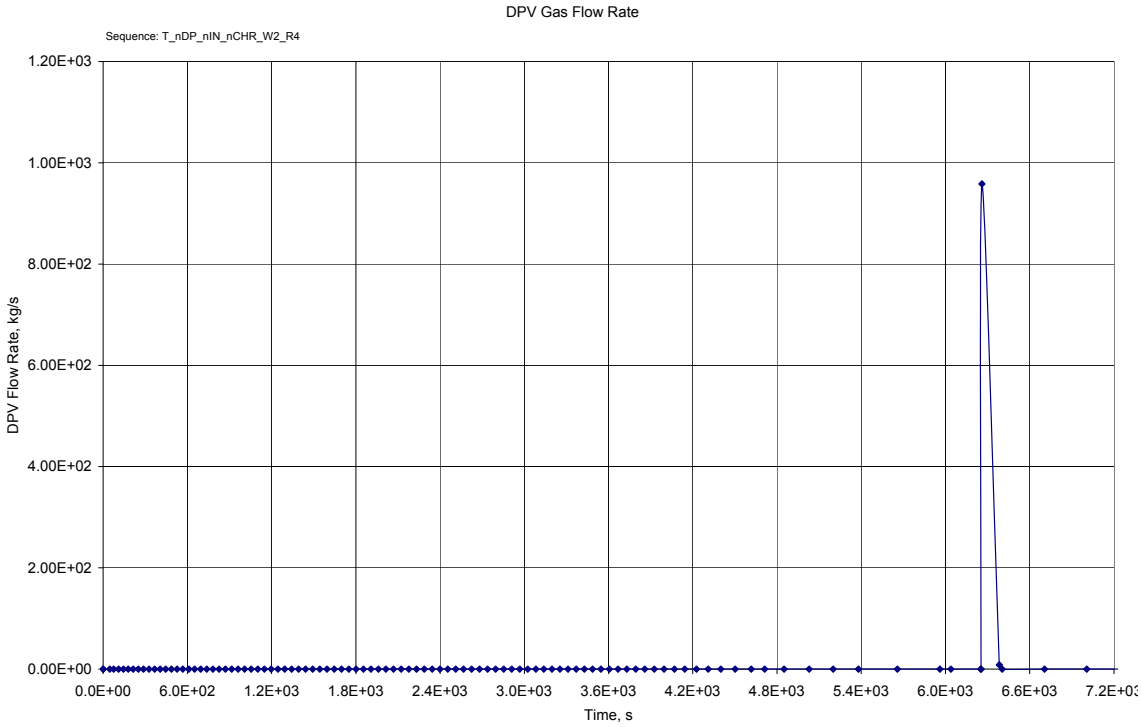

Figure 9A-16h. T_nDP_nIN_nCHR_W2_R4 DPV Gas Flow Rate

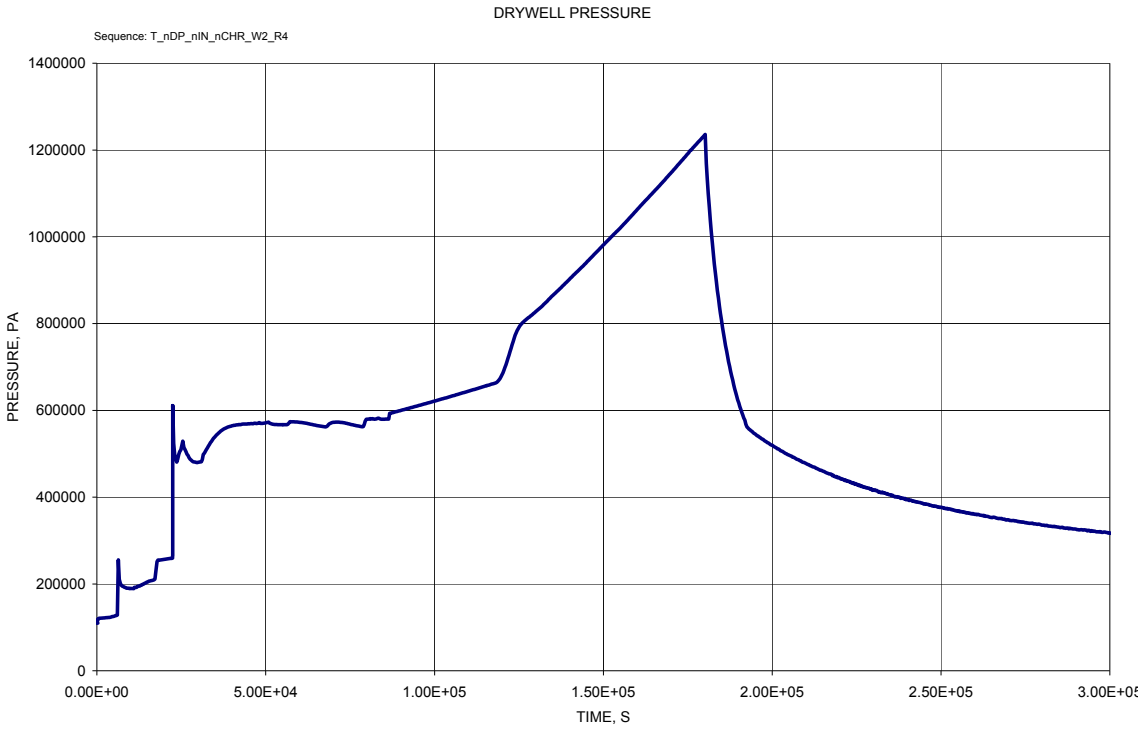

Figure 9A-16i. T_nDP_nIN_nCHR_W2_R4 Drywell Pressure

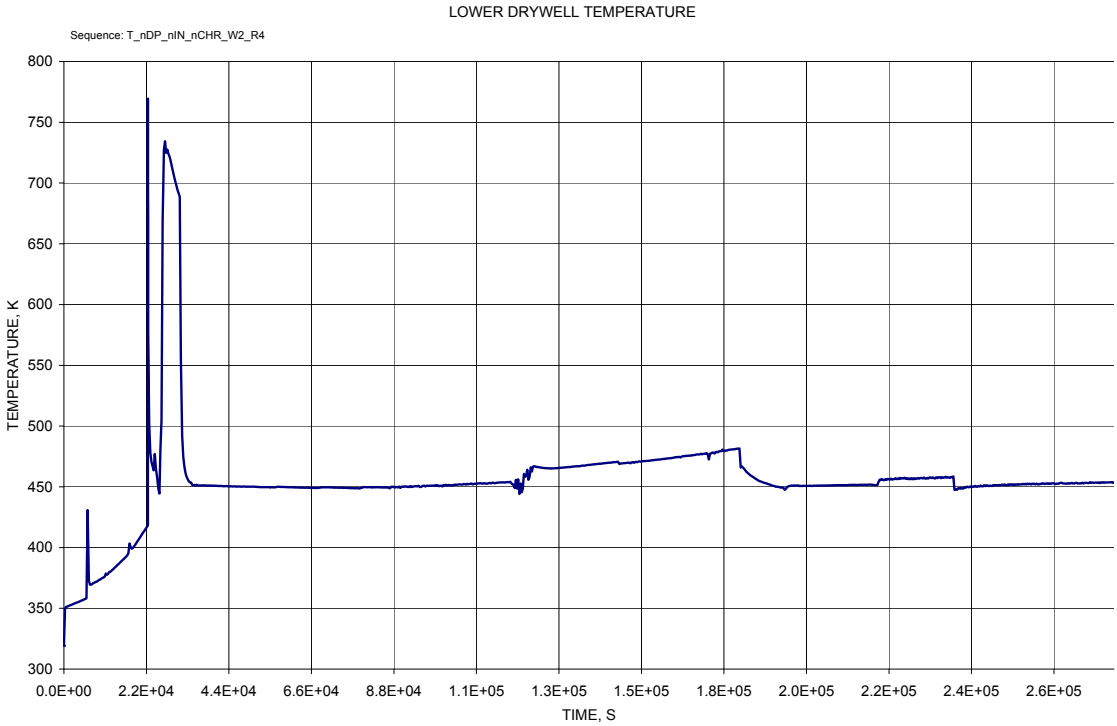

Figure 9A-16j. T_nDP_nIN_nCHR_W2_R4 Lower Drywell Temperature

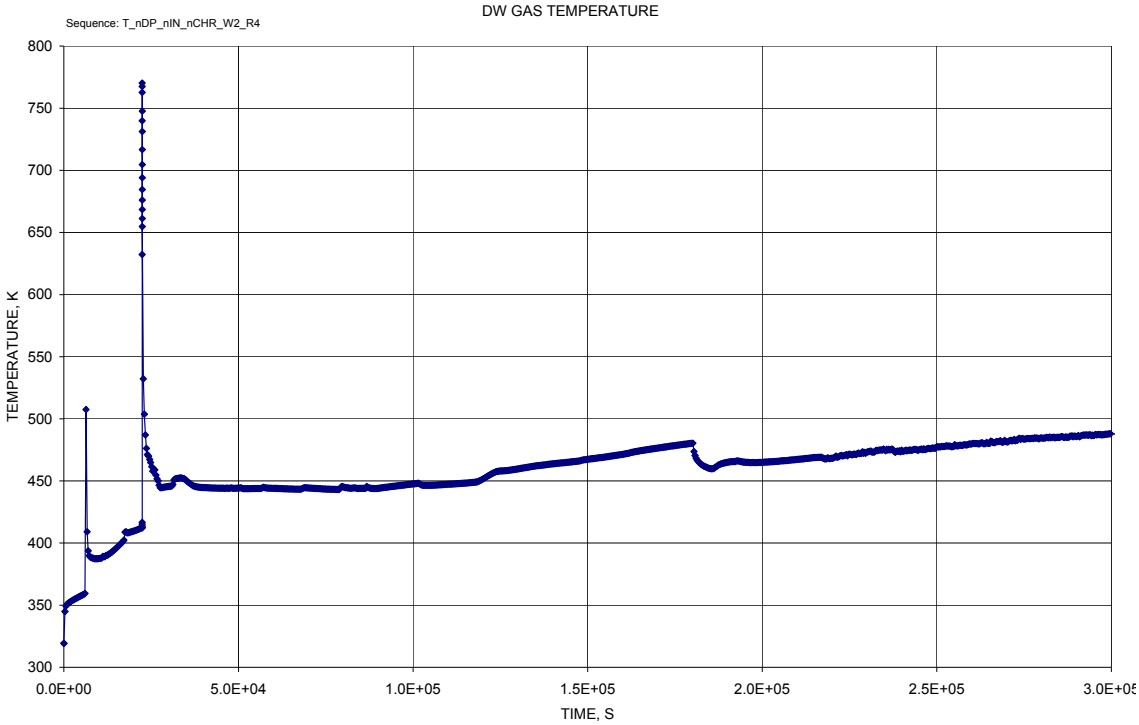

Figure 9A-16k. T_nDP_nIN_nCHR_W2_R4 Drywell Gas Temperature

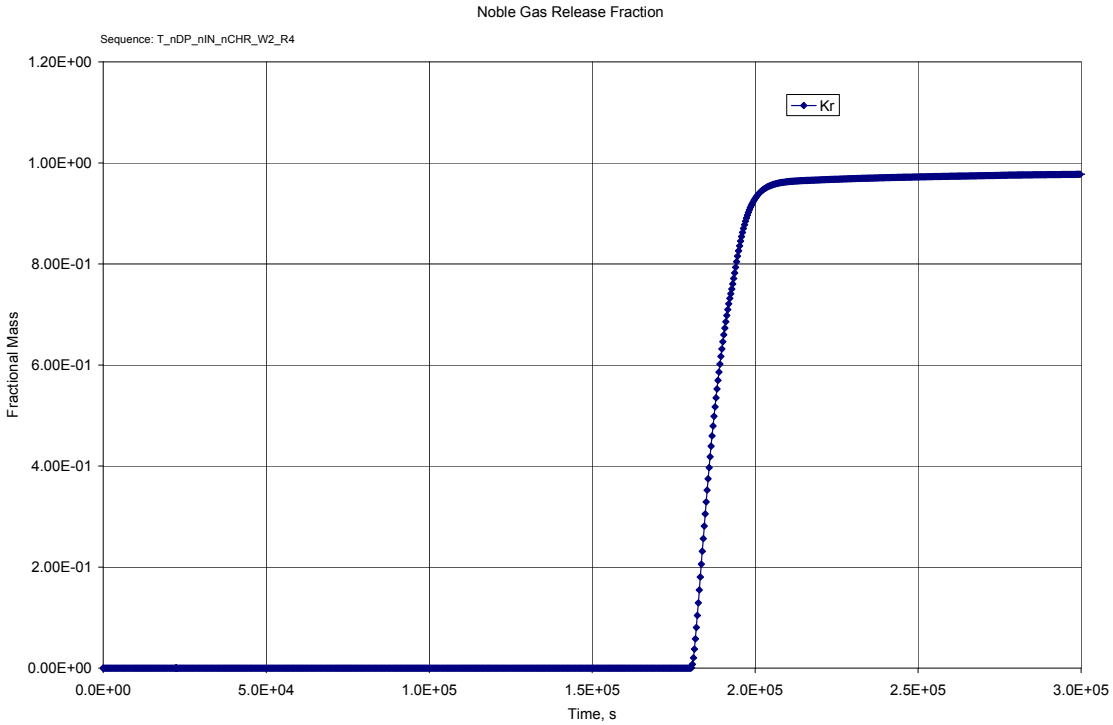

Figure 9A-16l. T_nDP_nIN_nCHR_W2_R4 Noble Gas Release Fraction

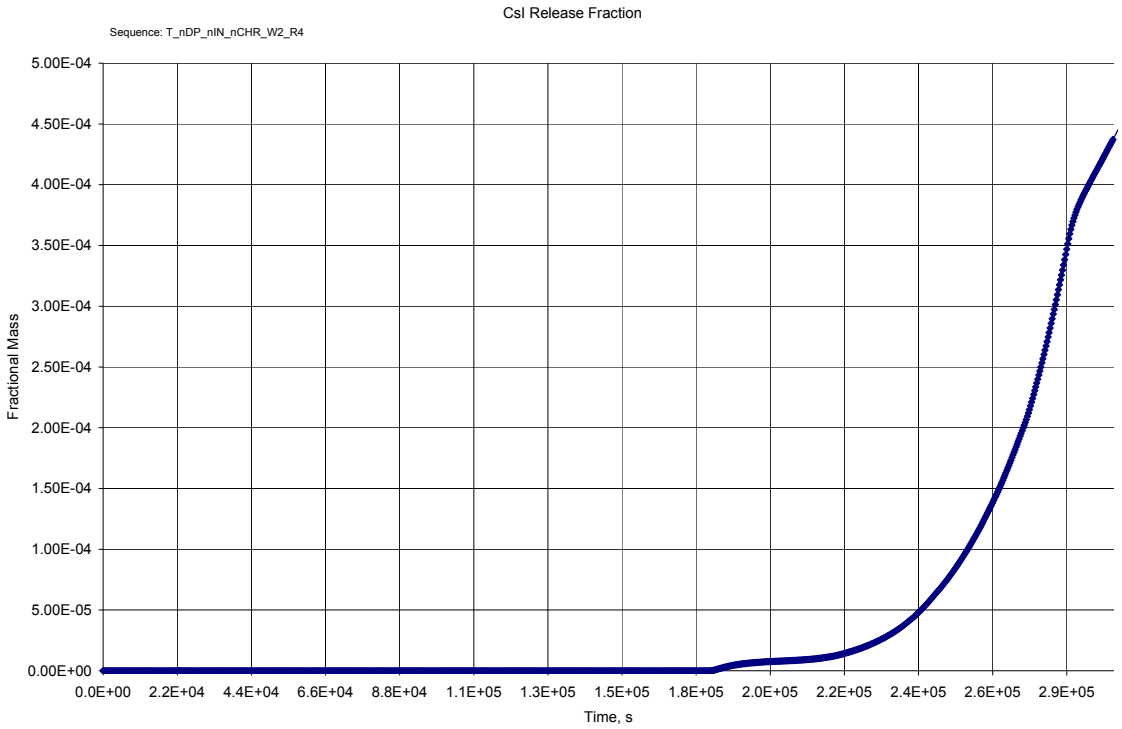

Figure 9A-16m.T_nDP_nIN_nCHR_W2_R4 CsI Release Fraction

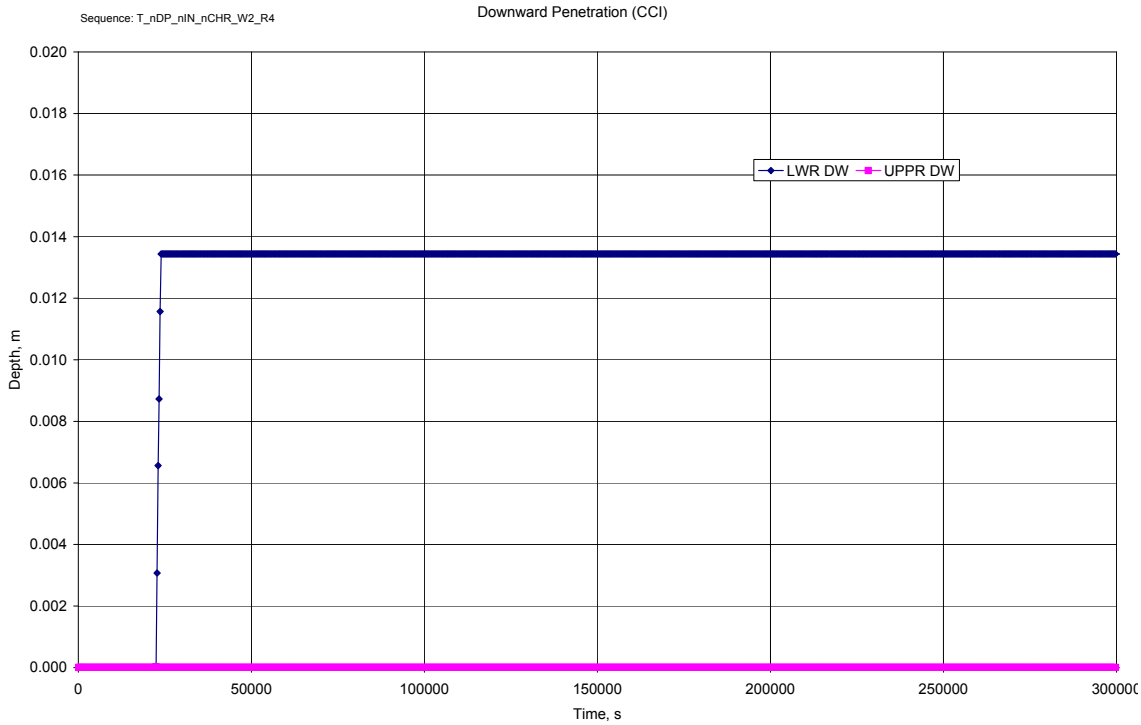

Figure 9A-16n. T_nDP_nIN_nCHR_W2_R4 Downward Penetration (CCI)

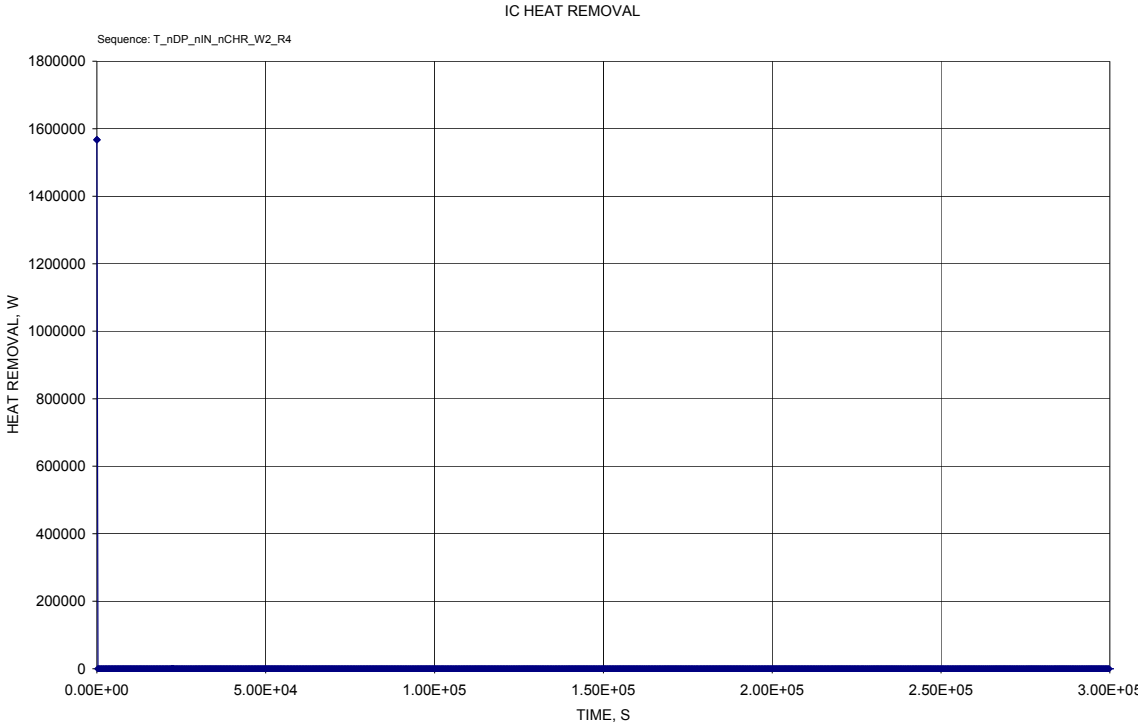

Figure 9A-16o. T_nDP_nIN_nCHR_W2_R4 ICS Heat Removal

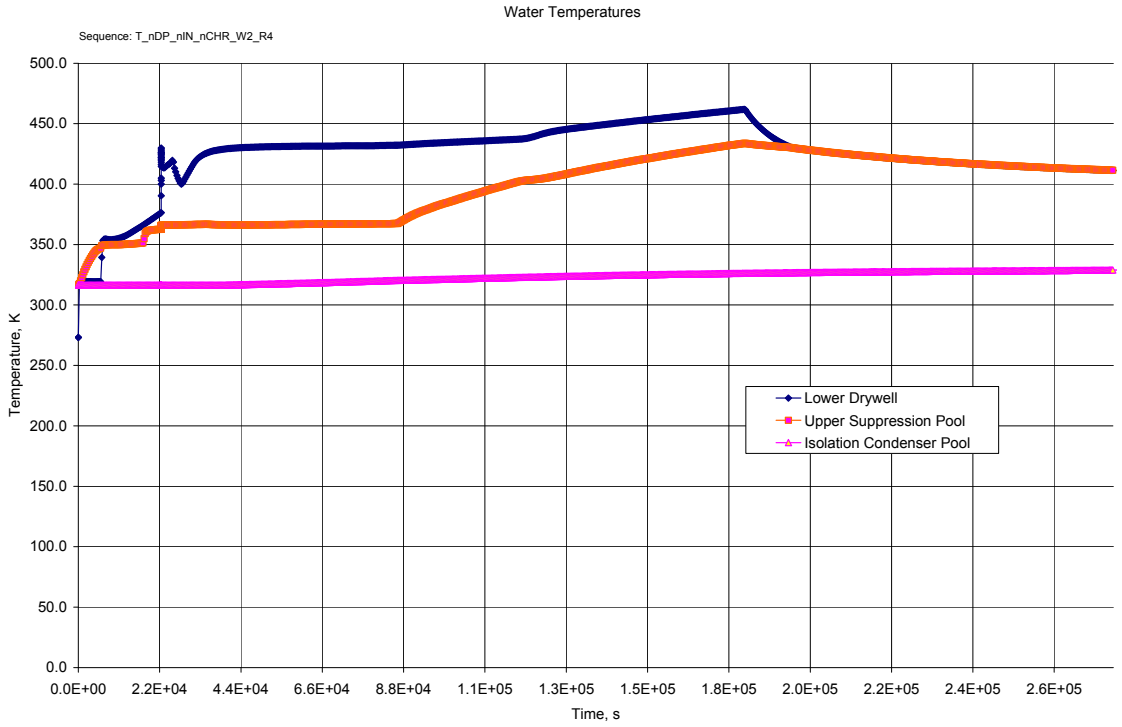

Figure 9A-16p. T_nDP_nIN_nCHR_W2_R4 Water Temperatures

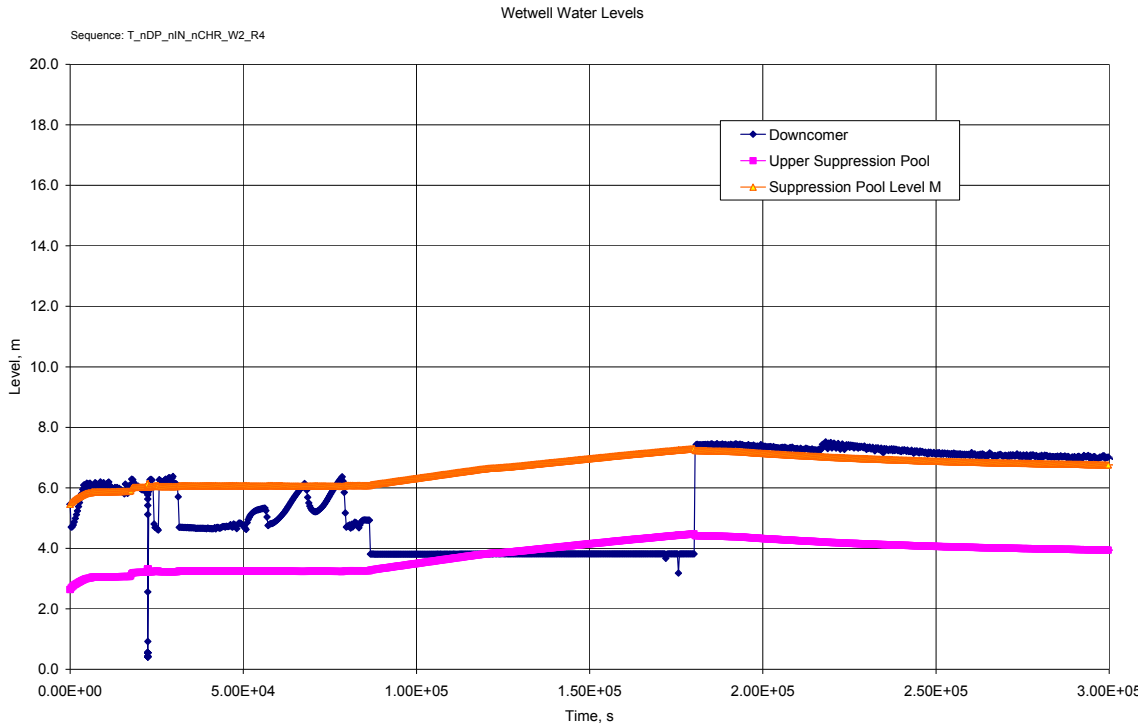

Figure 9A-16q. T_nDP_nIN_nCHR_W2_R4 Wetwell Water Levels

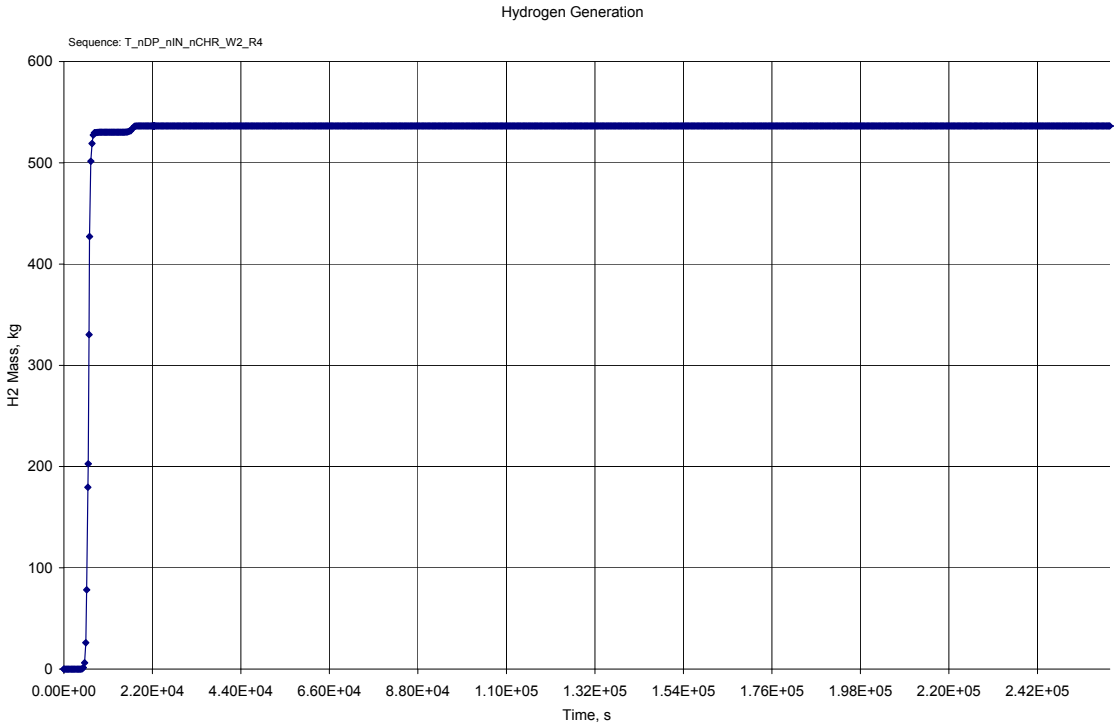

Figure 9A-16r. T_nDP_nIN_nCHR_W2_R4 Hydrogen Generation

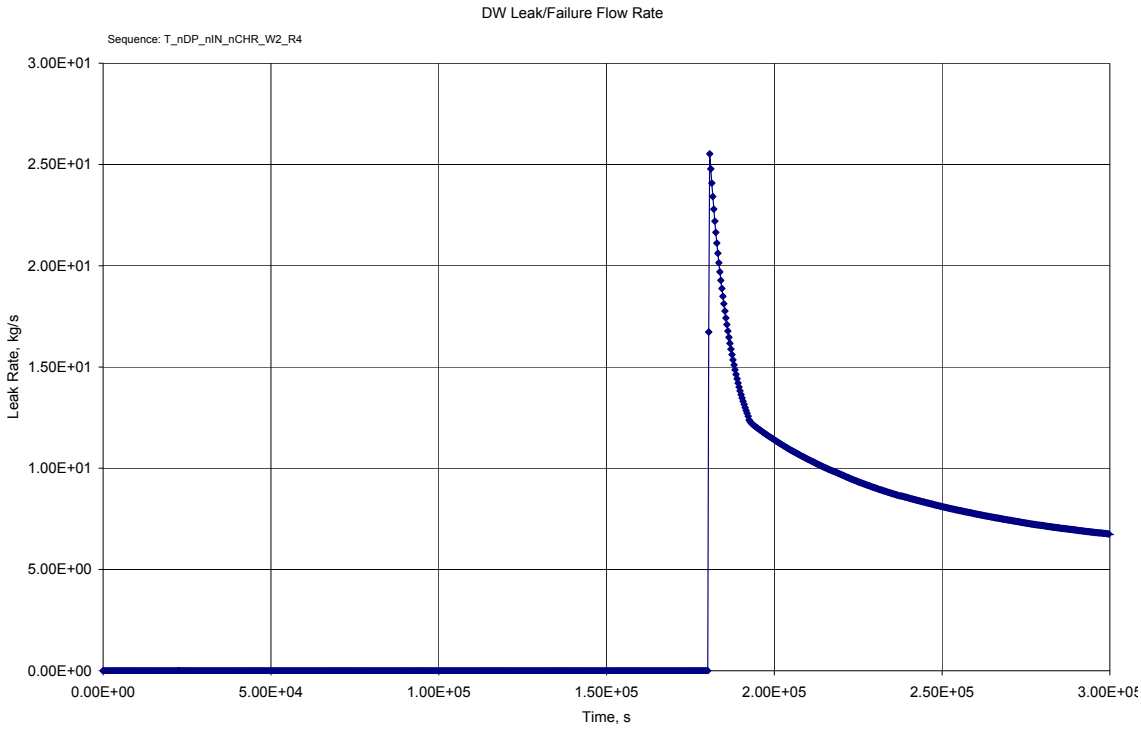

Figure 9A-16s. T_nDP_nIN_nCHR_W2_R4 Drywell Leak/Failure Flow Rate

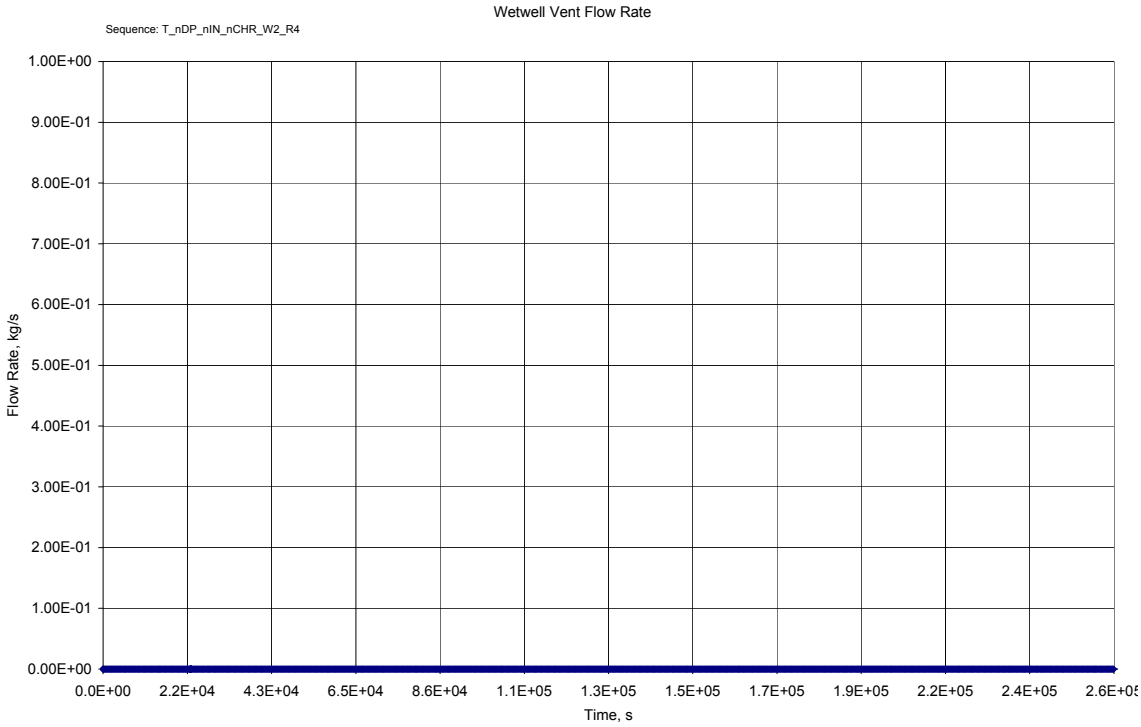

Figure 9A-16t. T_nDP_nIN_nCHR_W2_R4 Wetwell Vent Flow Rate

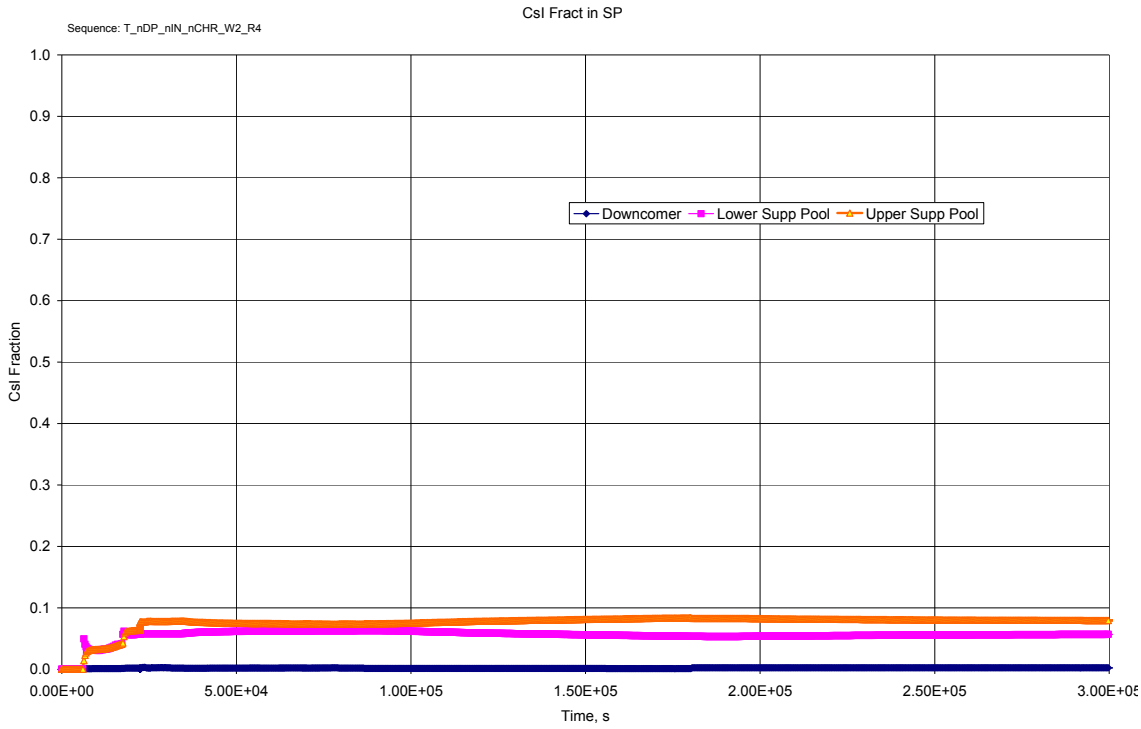

Figure 9A-16u. T_nDP_nIN_nCHR_W2_R4 CsI Fraction in Suppression Pool

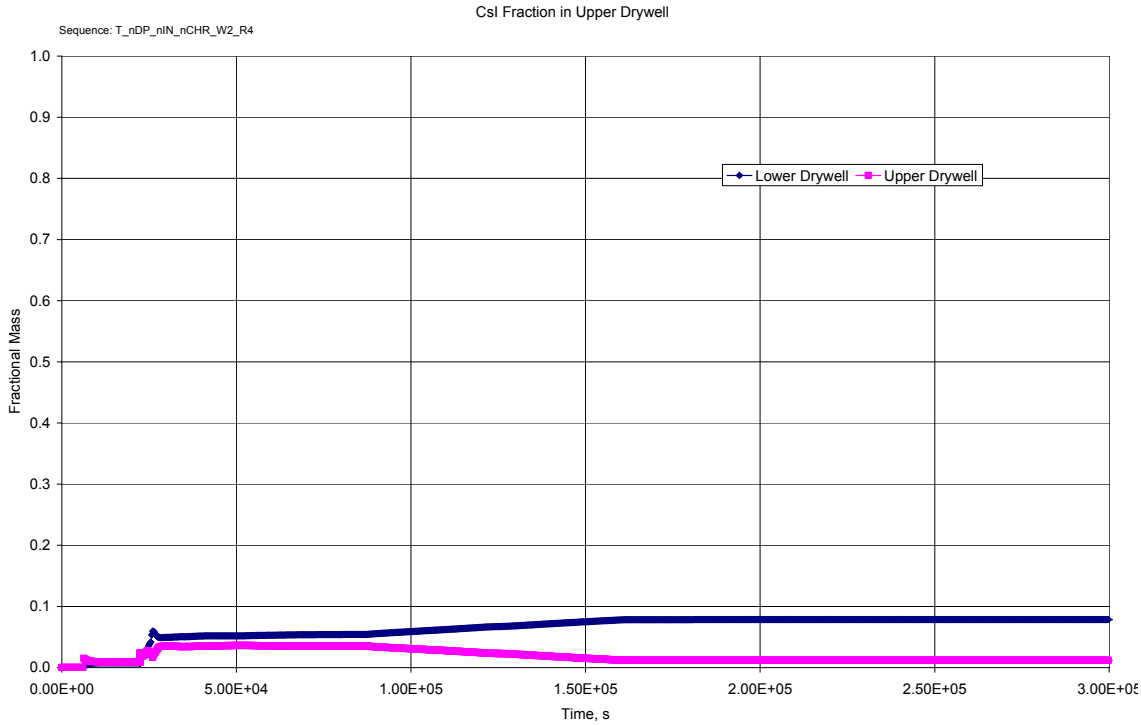

Figure 9A-16v. T_nDP_nIN_nCHR_W2_R4 CsI Fraction in Upper Drywell

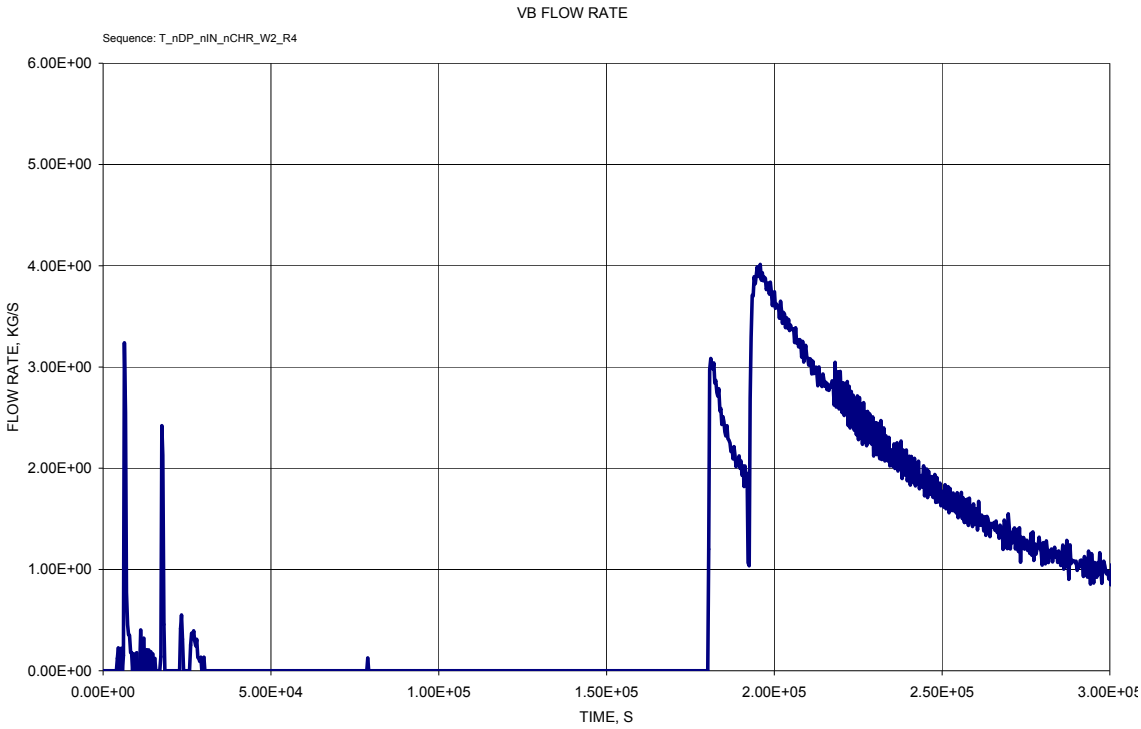

Figure 9A-16w. T_nDP_nIN_nCHR_W2_R4 Vacuum Breaker Flow Rate

9A.17 Technical Specifications Leakage T_AT_nIN_TSL2x_R1

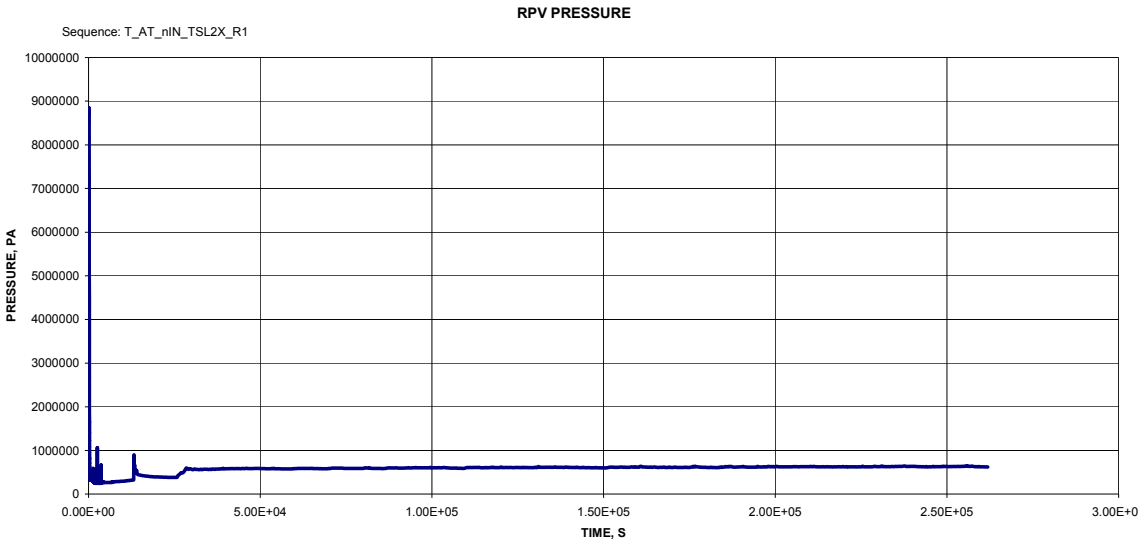

Figure 9A-17a. T_AT_nIN_TSL2x_R1 RPV Pressure

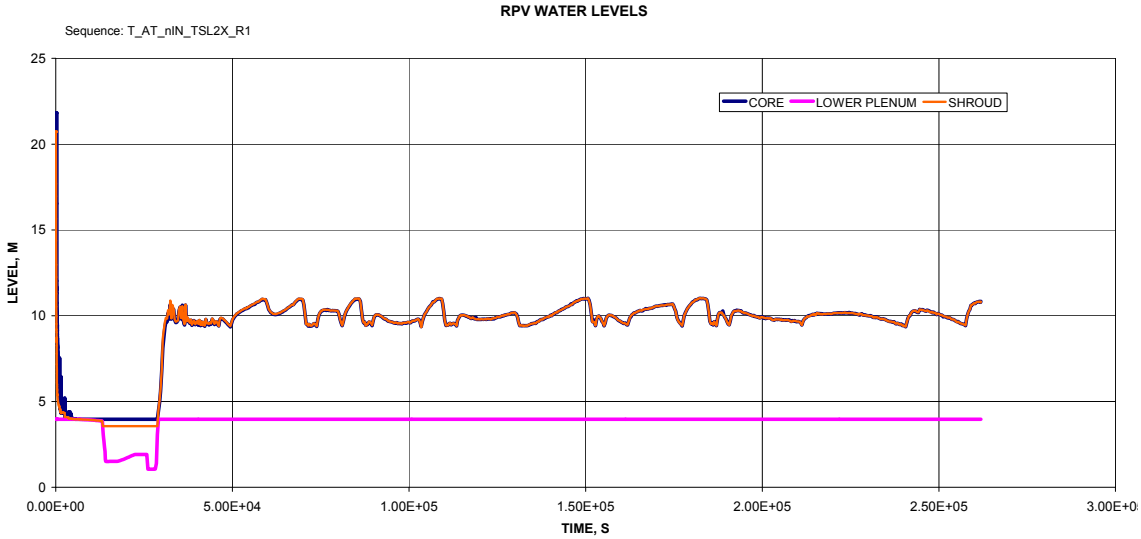

Figure 9A-17b. T_AT_nIN_TSL2x_R1 RPV Water Levels

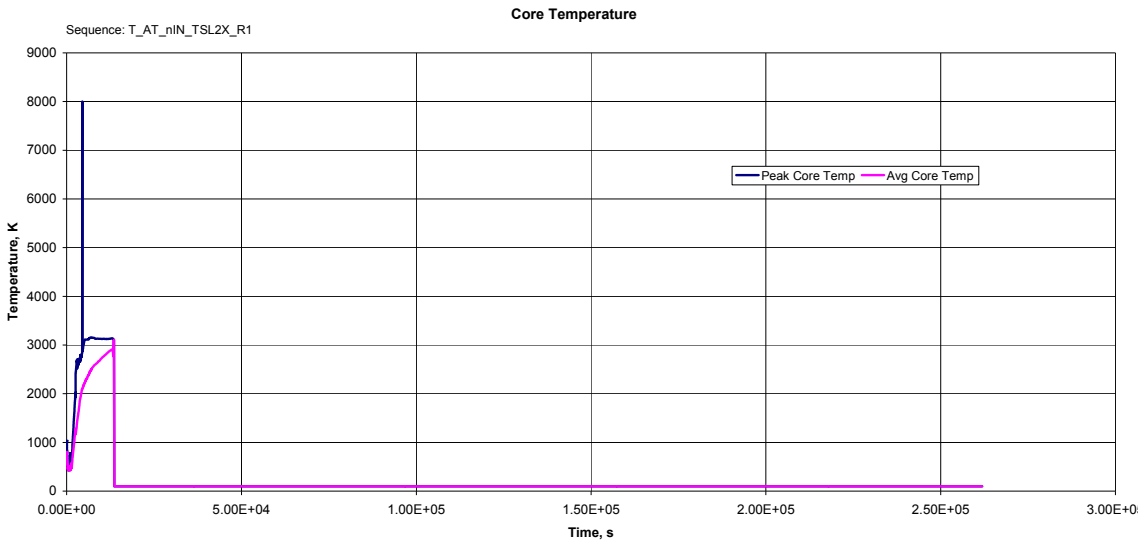

Figure 9A-17c. T_AT_nIN_TSL2x_R1 Core Temperature

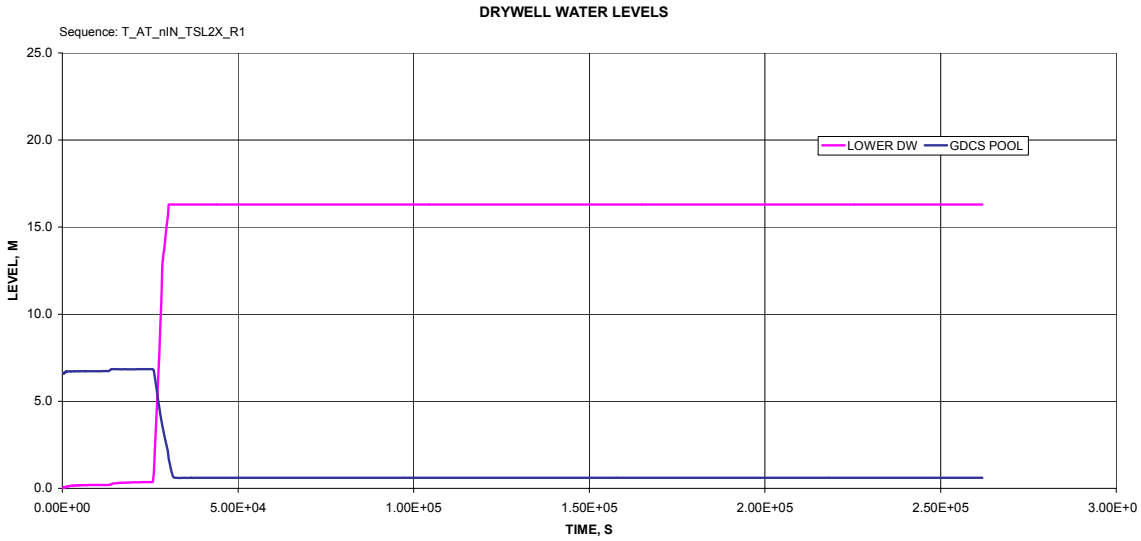

Figure 9A-17d. T_AT_nIN_TSL2x_R1 Drywell Water Levels

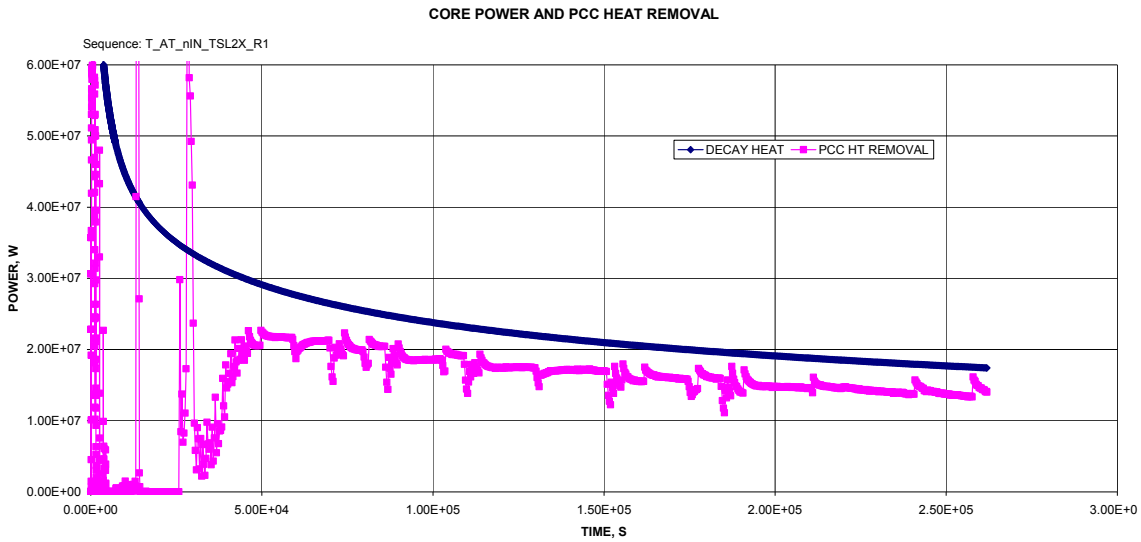

Figure 9A-17e. T_AT_nIN_TSL2x_R1 Core Power and PCCS Heat Removal

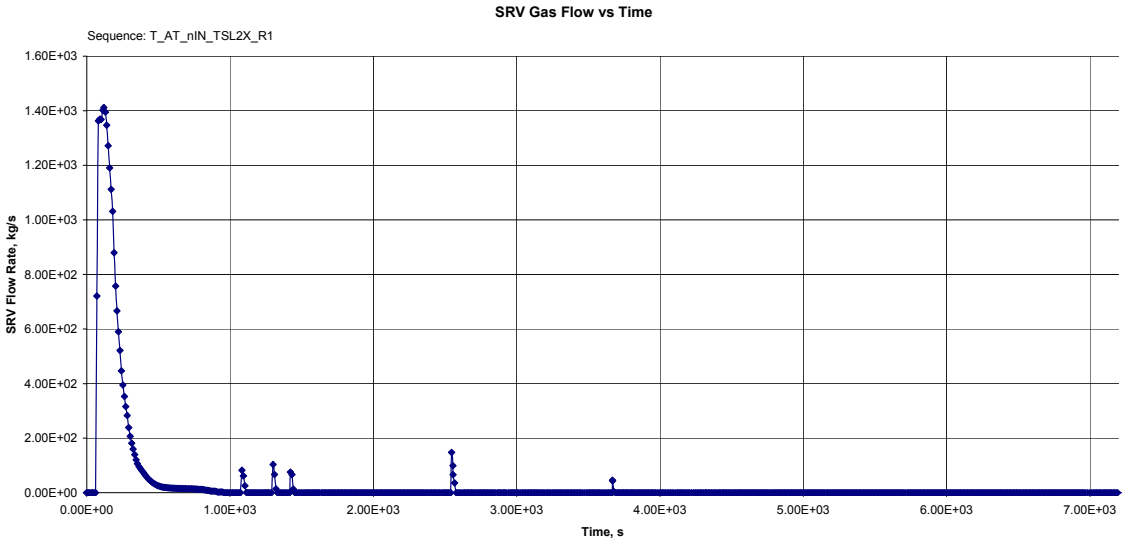

Figure 9A-17f. T_AT_nIN_TSL2x_R1 SRV Gas Flow Rate

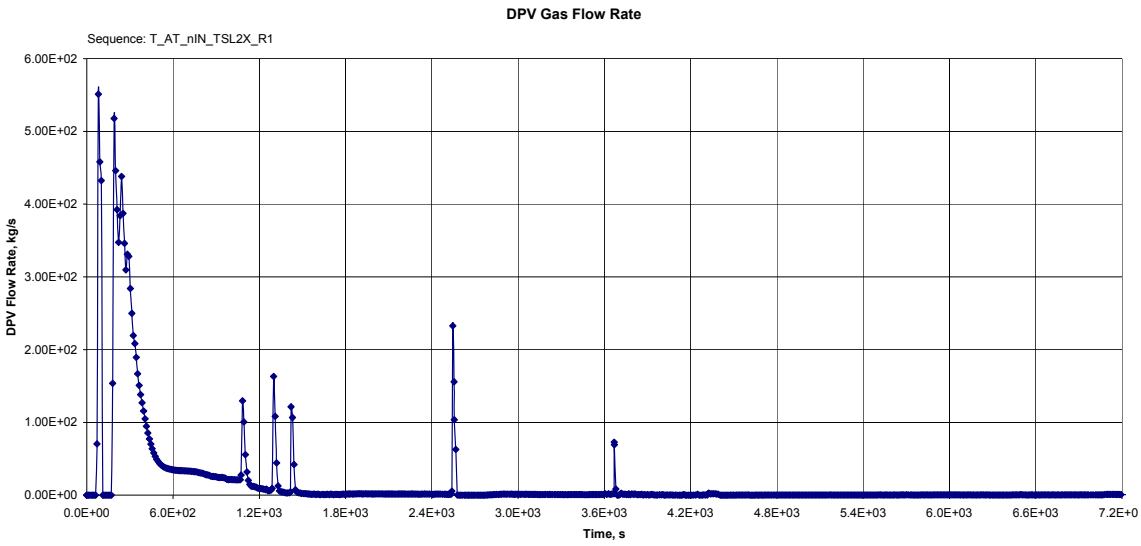

Figure 9A-17g. T_AT_nIN_TSL2x_R1 DPV Gas Flow Rate

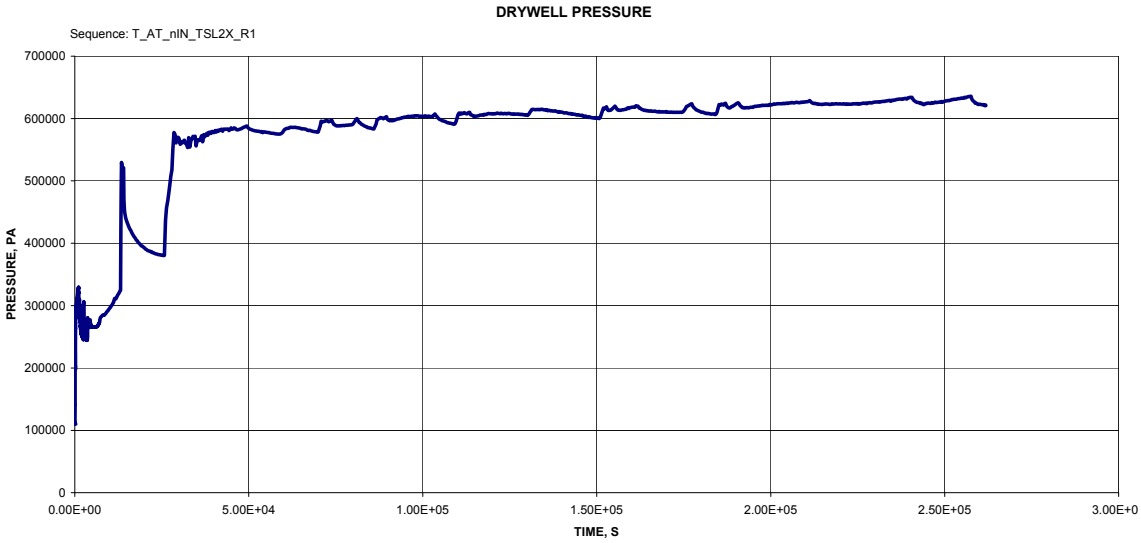

Figure 9A-17h. T_AT_nIN_TSL2x_R1 Drywell Pressure

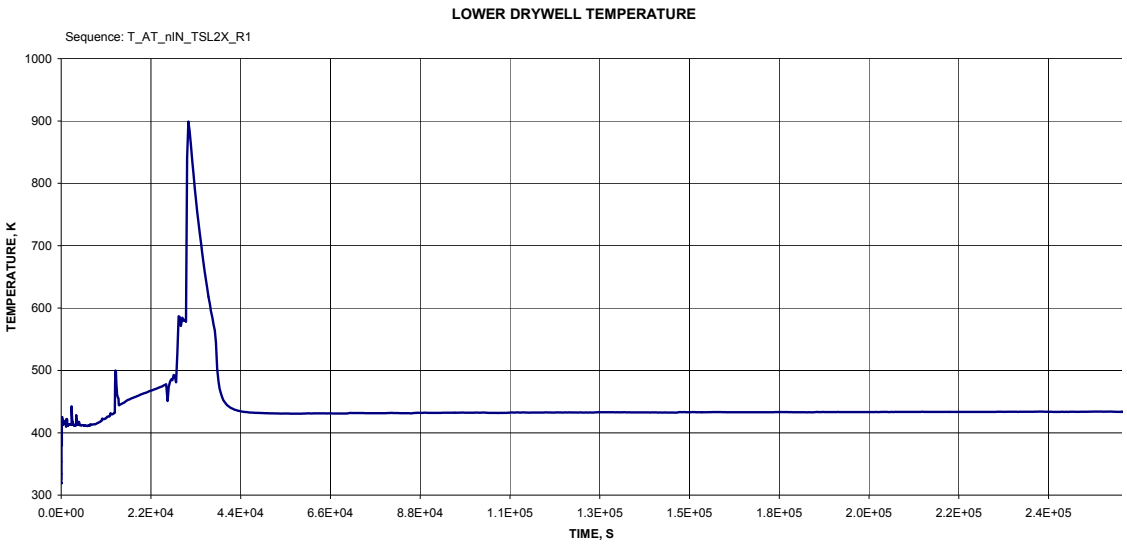

Figure 9A-17i. T_AT_nIN_TSL2x_R1 Lower Drywell Temperature

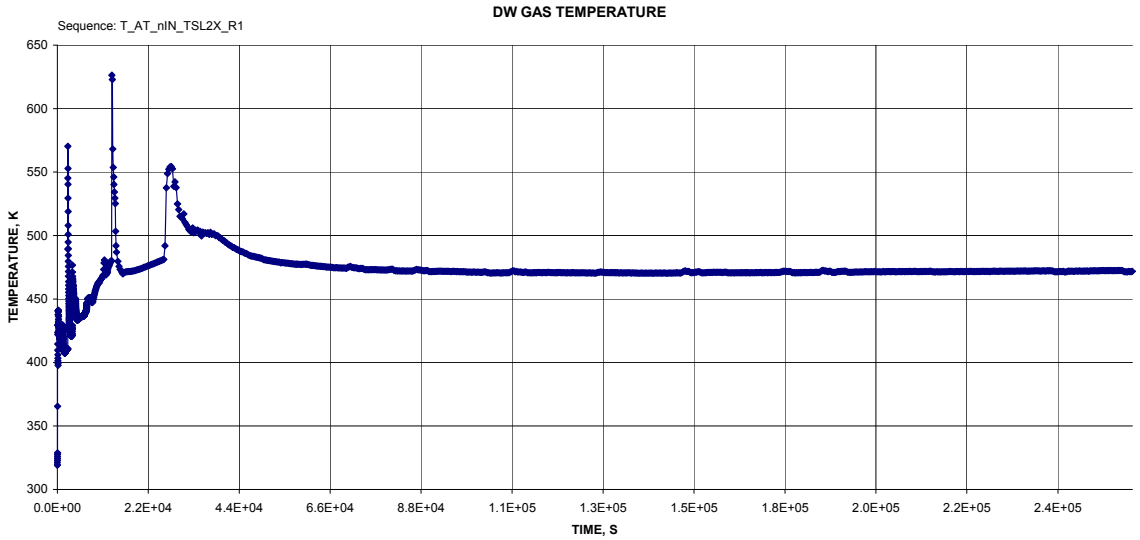

Figure 9A-17j. T_AT_nIN_TSL2x_R1 Drywell Gas Temperature

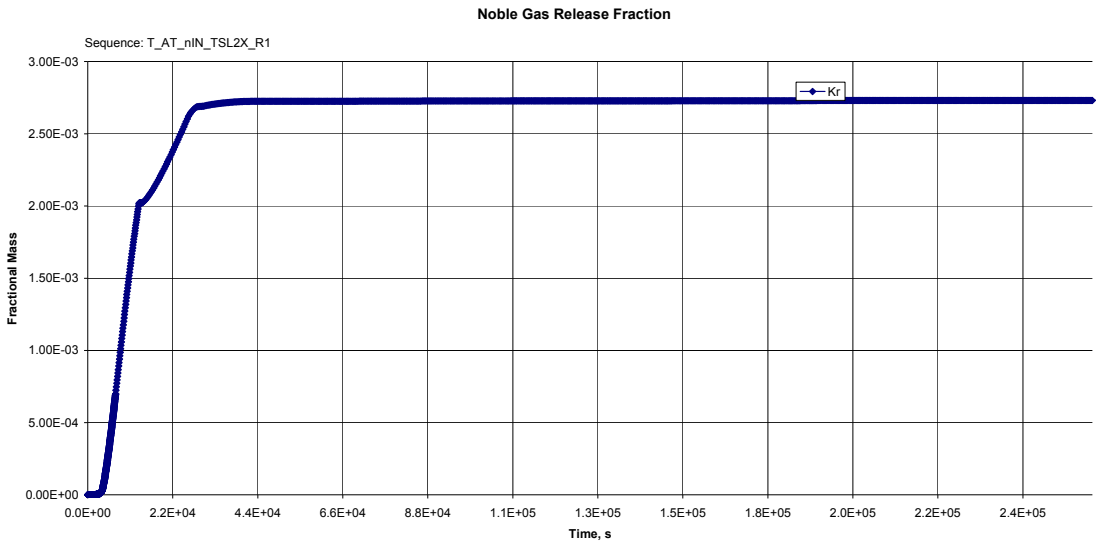

Figure 9A-17k. T_AT_nIN_TSL2x_R1 Noble Gas Release Fraction

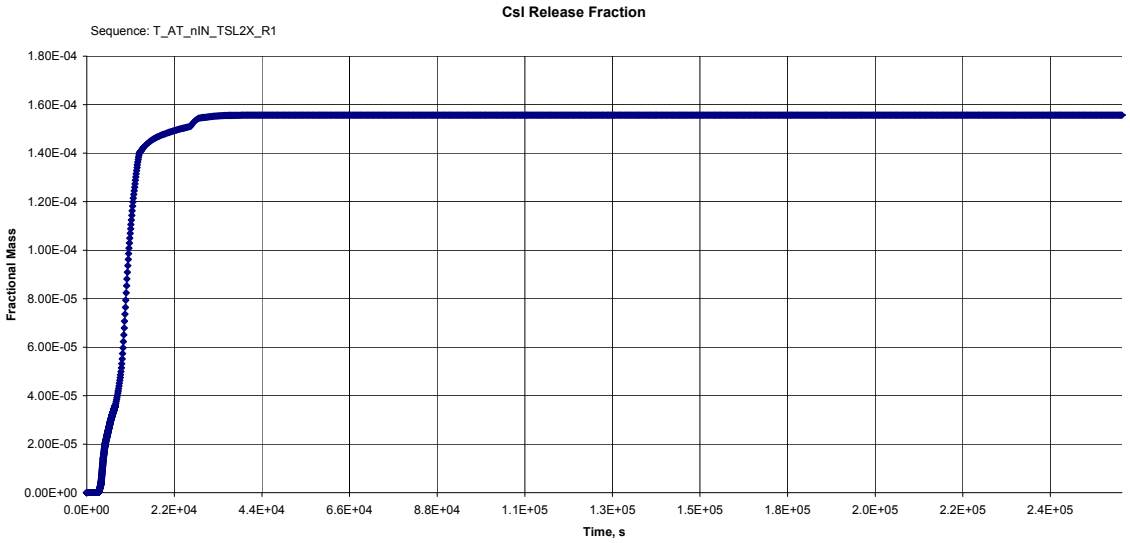

Figure 9A-17l. T_AT_nIN_TSL2x_R1 CsI Release Fraction

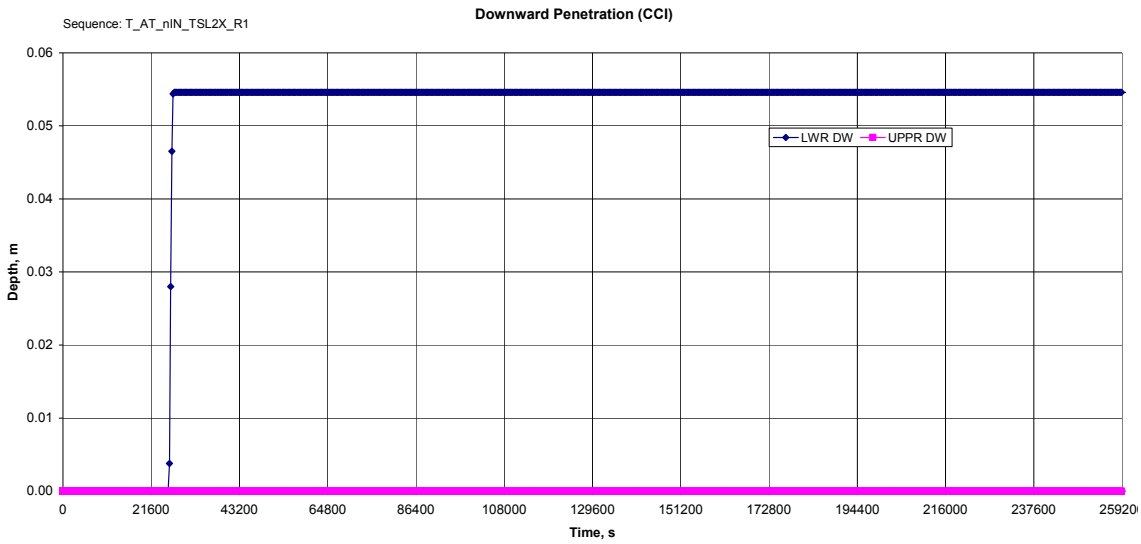

Figure 9A-17m.T_AT_nIN_TSL2x_R1 Downward Penetration (CCI)

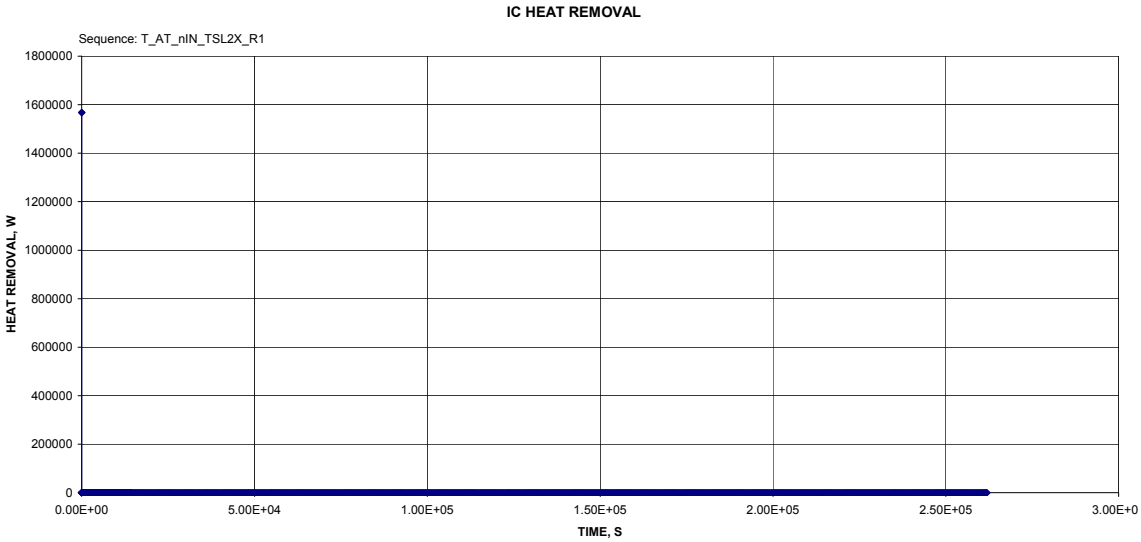

Figure 9A-17n. T_AT_nIN_TSL2x_R1 ICS Heat Removal

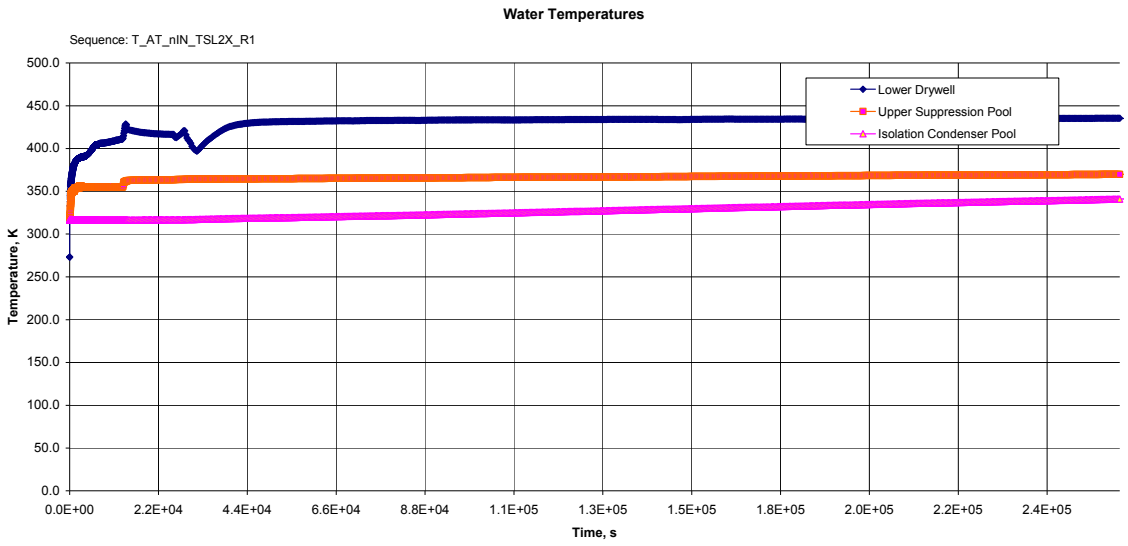

Figure 9A-17o. T_AT_nIN_TSL2x_R1 Water Temperatures

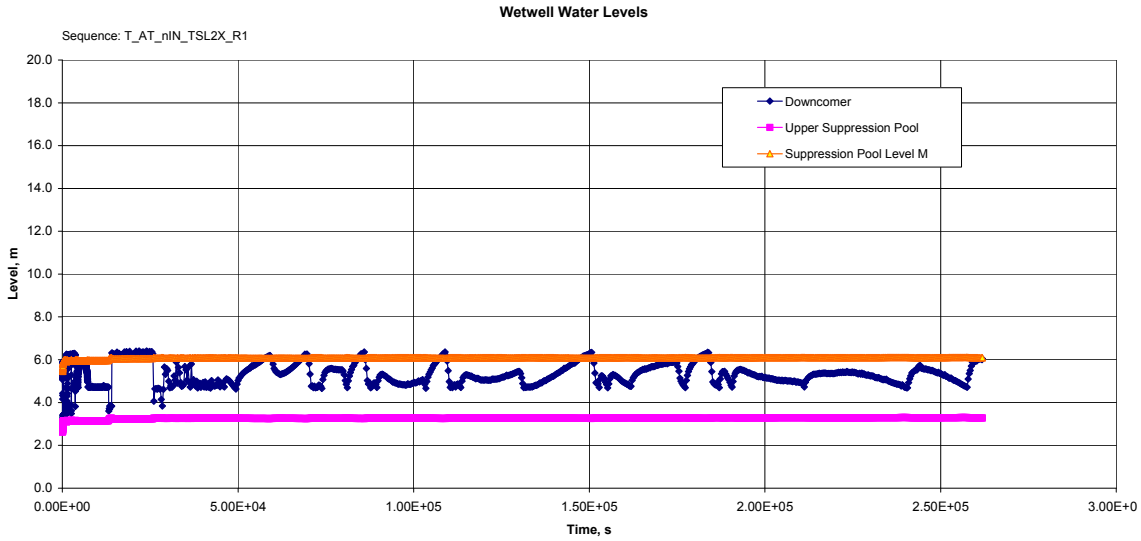

Figure 9A-17p. T_AT_nIN_TSL2x_R1 Wetwell Water Levels

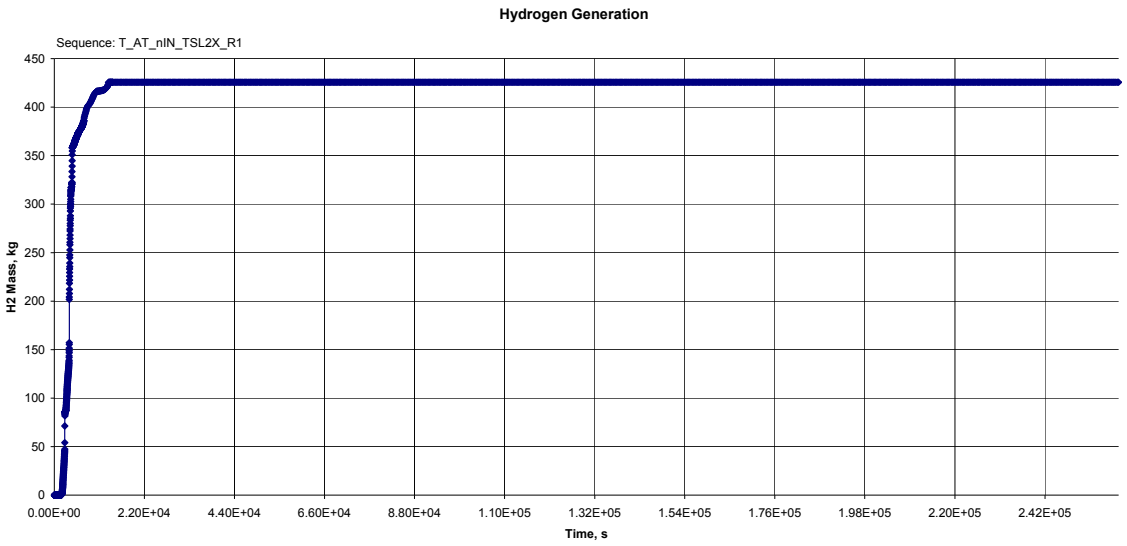

Figure 9A-17q. T_AT_nIN_TSL2x_R1 Hydrogen Generation

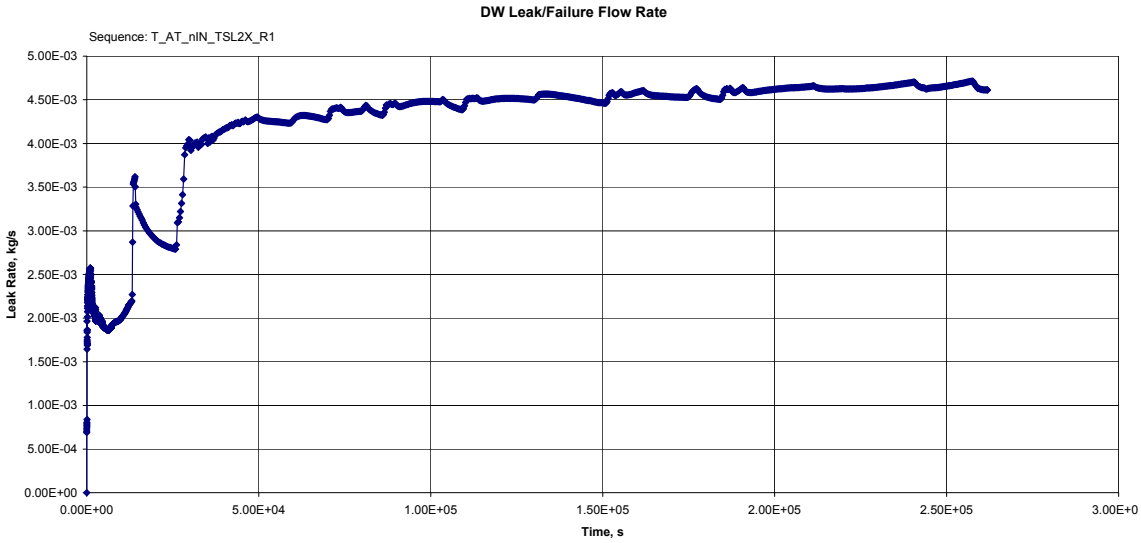

Figure 9A-17r. T_AT_nIN_TSL2x_R1 Drywell Leak/Failure Flow Rate

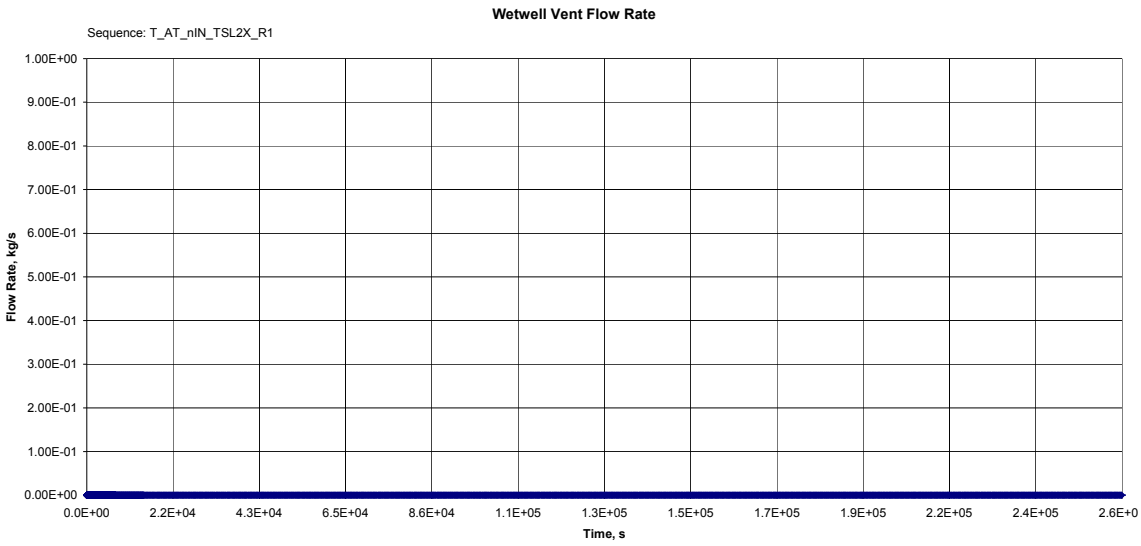

Figure 9A-17s. T_AT_nIN_TSL2x_R1 Wetwell Vent Flow Rate

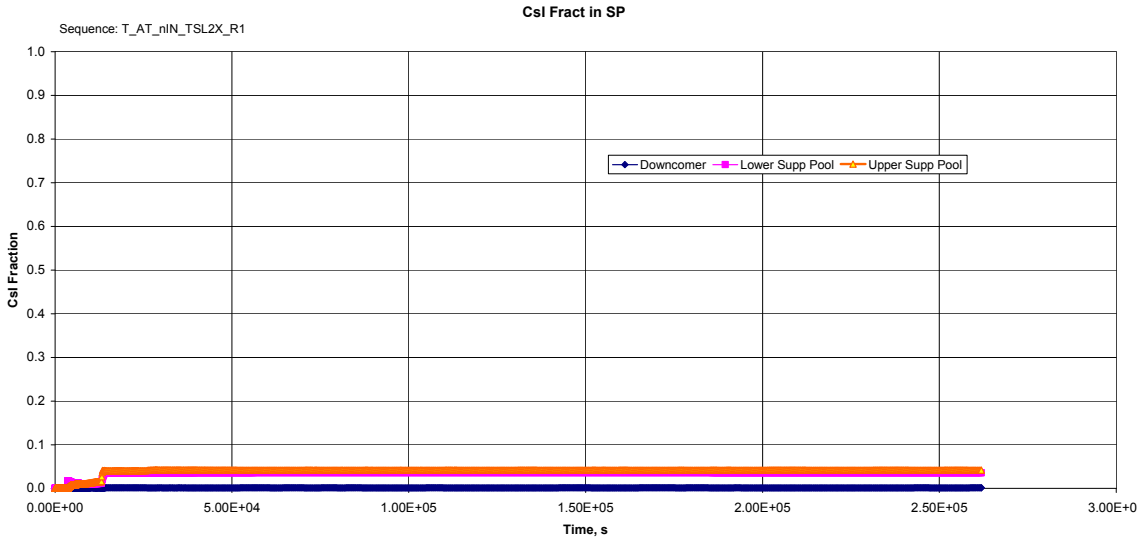

Figure 9A-17t. T_AT_nIN_TSL2x_R1 CsI Fraction in Suppression Pool

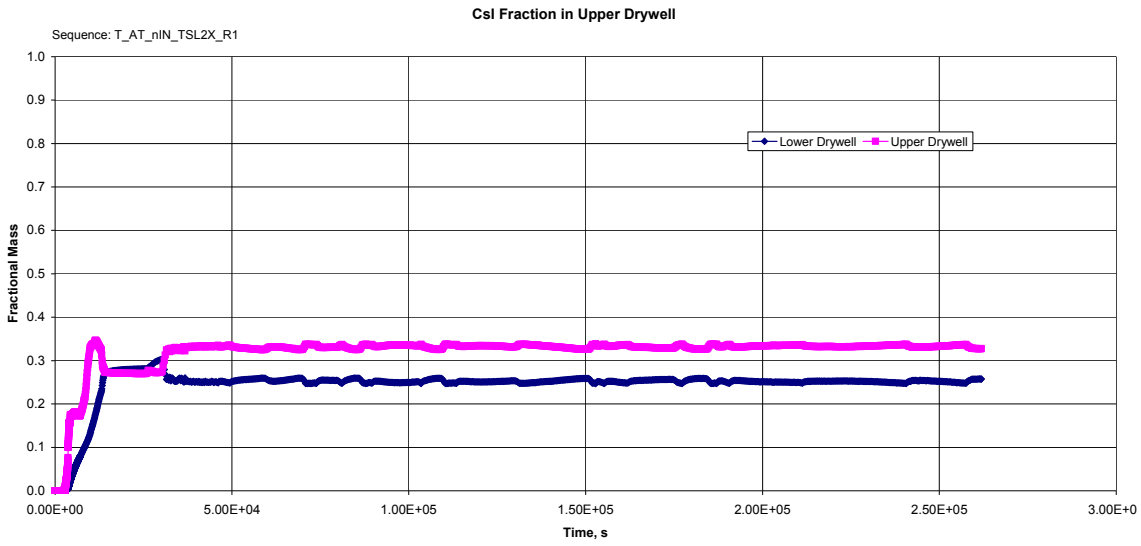

Figure 9A-17u. T_AT_nIN_TSL2x_R1 CsI Fraction in Upper Drywell

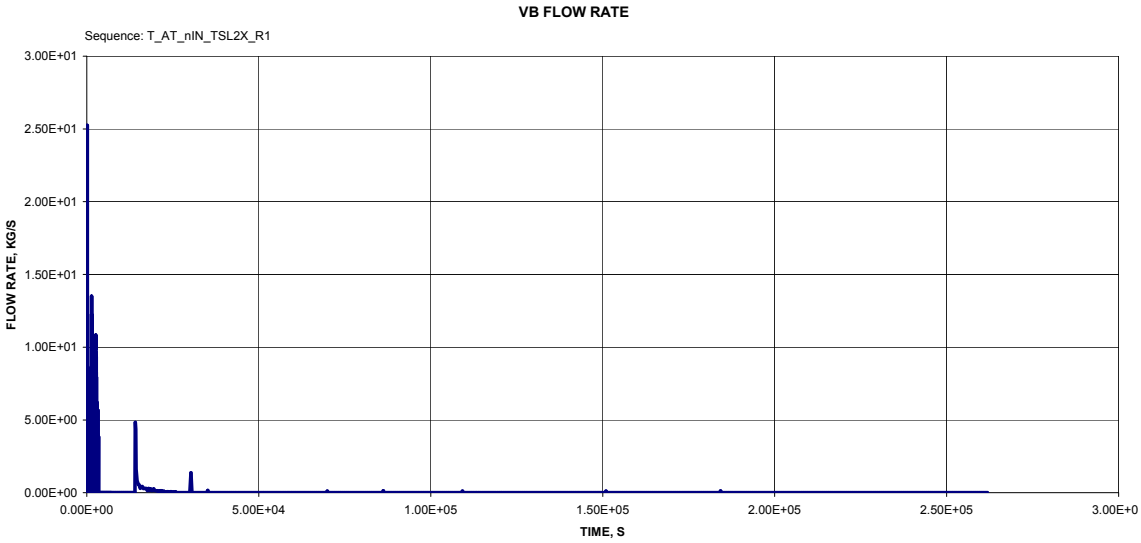

Figure 9A-17v. T_AT_nIN_TSL2x_R1 Vacuum Breaker Flow Rate