

**LIST OF EXHIBITS TO PREFILED WRITTEN TESTIMONY
OF DR. EDWIN S. LYMAN REGARDING CONTENTION I**

EXHIBIT A: Curriculum Vita for Dr. Edwin S. Lyman

EXHIBIT B: Memorandum from Ralph Meyer, NRC Office of Nuclear Regulatory Research, to Ralph Meyer, NRC Regulatory Effectiveness and Human Factors Branch, re: Update on Generic Issue 92, Fuel Crumbling During LOCA (February 8, 2001) (NRC ACN # ML010390163)

EXHIBIT C: Memorandum from Ashok C. Thadani, NRC Office of Nuclear Regulatory Research, to Samuel J. Collins, NRC Office of Nuclear Reactor Regulation, re: Research Information Letter 0202, Revision of 10 CFR § 50.46 and Appendix K (June 20, 2002) (NRC ACN # ML 021720690).

EXHIBIT D: slides presented by A. Mailliat and J.C. Mélis, IRSN, at “PHEBUS STLOC Meeting” with NRC Staff (October 23, 2003) (NRC ACN # ML032970624)

EXHIBIT E: C. Grandjean, G. Hache and C. Rongier, “High Burnup UO₂ Fuel LOCA Calculations to Evaluate the Possible Impact of Fuel Relocation After Burst,” OECD/NEA Proceedings of the Topical Meeting on LOCA Fuel Safety Criteria, Aix-en-Provence (March 22-23, 2001).

EXHIBIT F: V. Guillard, C. Grandjean, S. Bourdon and P. Chatelard, “Use of CATHARE2 Reactor Calculations to Anticipate Research Needs,” SEGFSM Topical Meeting on LOCA Issues, Argonne National Laboratory (May 25-26, 2004) (NRC ACN # ML041600261)

EXHIBIT G: A. Mailliat and M. Schwarz, “Need for Experimental Programmes on LOCA Issues Using High Burn-Up and MOX Fuels,” NUREG/CP-0176, Proceedings of the Nuclear Safety Research Conference (May 2002) (NRC ACN # ML021710793)

EXHIBIT H: NUREG/CR-6744, “Phenomenon Identification and Ranking Tables for Loss-of-Coolant Accidents in Pressurized and Boiling Water Reactors Containing High-Burnup Fuel,” Appendix D, Table D-1 at D-67 (December 2001) (NRC ACN # 013540623)

EXHIBIT I: Excerpts from NEA/CSN/R(2003)9, Ongoing and Planned Fuel Safety Research in NEA Member States, Compiled from SEGFS Members’ Contributions (October 2002)

EXHIBIT J: Excerpts, NEA/NSC/DOC (2004)8, International Seminar on Pellet-Clad Interaction in Water Reactor Fuels, organized by CEA Cadarache/DEN/DEC, in cooperation with OECD/NEA, IAEA, EDF, FRAMATOME, ANP, COGEMA (March 9-11, 2004)

EXHIBIT K: Letter from Ashok C. Thadani, NRC, to David Modeen, EPRI (April 21, 2004) (ADAMS ACN # ML041130490)

EXHIBIT L: C. Grandjean, Georges Hache, LOCA Issues Related to Ballooning, Fuel Relocation, Blockage, and Coolability: Main Findings from a Review of Past Experimental Programs, presented at SEGFSM Topic Meeting on Local Issues (May 25,-27, 2004) (NRC ACN # ML041600354)