

Appendix B References

American Society of Civil Engineers (ASCE)

— — — — —, Youd, T. L. et al., "Liquefaction Resistance of Soils: Summary Report from the 1996 NCEER and 1998 NCEER/NSF Workshops of Evaluation of Liquefaction of Soils," *ASCE Journal of Geotechnical and Environmental Engineering*, Volume 127, No. 10, October 2001.

American Society of Mechanical Engineers (ASME)

Other ASME Documents

— — — — —, ASME NQA-1, "Quality Assurance Requirements for Nuclear Facility Applications." 1994.

American Society for Testing and Materials (ASTM)

— — — — —, ASTM D1586-00, "International, Standard Test Method for Penetration Test and Split-Barrel Sampling of Soils," January 1999.

— — — — —, ASTM D1587-00, "Standard Practice for Thin-Walled Rube Sampling of Soils for Geotechnical Purposes," August 2000.

— — — — —, ASTM D2113, "Standard Practice for Rock Core Drilling and Sampling of rock for Site Investigation," January 1999.

Dominion

— — — — —, "North Anna 3 Combined License Application, Part 2: Final Safety Analysis Report, Revision 1," December 2008. (ADAMS Accession No. ML090090606)

— — — — —, "North Anna 3 Combined License Application, Part 3: Applicants' Environmental Report – Combined License State, Revision 1," December 2008. (ADAMS Accession No. ML090120604)

Electric Power Research Institute (EPRI)

— — — — —, TR-102293, "Guidelines for Determining Design Basis Ground Motions," Volumes 1-5," EPRI: Palo Alto, California, May 1993.

GE-Hitachi Nuclear Energy (GEH)

— — — — —, GEH Letter MFN 07-062, “Supplement 2, “ESBWR Severe Accident Mitigation Design Alternatives NEDO 33306-Revision 1,” August 2007. (ADAMS Accession No. ML072390051)

— — — — —, GEH Letter MFN 07-384, “Submittal of ESBWR Licensing Topical Reports – NEDE-33217P, Revision 3, NEDE-33226P, Revision 2 and NEDE-33245P, Revision 2,” July 2007. (ADAMS Accession No. ML072120421)

— — — — —, GEH Letter MFN 05-169, Supplement 3, “Response to Portion of NRC Request for Additional Information Letter No. 121 Related to ESBWR Design Certification Application - PRA & Severe Accidents - RAI Number 19.2.4-1 Supplement 2,” April 2008. (ADAMS Accession No. ML08100254)

— — — — —, “ESBWR Design Control Documents,” Revision 5, May 2008. (ADAMS Accession No. ML081820375)

— — — — —, GEH Letter MFN 08-458, “Response to Portion of NRC Request for Additional Information Letter No. 166 Related to ESBWR Design Certification Application – Design of Structures, Components, Equipment, and Systems – RAI Number 3.9-168 S02,” May 2008. (ADAMS Accession No. ML081400339)

— — — — —, GEH Letter MFN 08-742, “Response to Portion of NRC Request for Additional Information Letter No. 251 Related to ESBWR Design Certification Application – RAI Number 7.1-102,” October 2008. (ADAMS Accession No. ML082960639)

— — — — —, GEH Letter MFN 08-898, “ESBWR Design Certification Application – Transmittal of NEDE-33304P, GEH ABWR/ESBWR Setpoint Methodology, Revision 1,” November 2008. ADAMS Accession No. ML083330297)

Institute for Electrical and Electronics Engineers (IEEE)

— — — — —, IEEE Std 336-1985, “IEEE Standard Installation, Inspection, and Testing Requirements for Power, Instrumentation, and Control Equipment at Nuclear Facilities.”

— — — — —, IEEE Std 498-1985, “IEEE Standard Requirements for the Calibration and Control of Measuring and Test Equipment Used in Nuclear Facilities.”

— — — — —, IEEE Std 603-1980, “IEEE Standard Criteria for Safety Stems for Nuclear Power Generating Stations.”

U.S. Army Corps of Engineers

— — — — —, HEC “HEC-RAS-River Analysis System: Hydraulic Reference Manual,” Version 4.0, March 2003, <http://www.hec.usace.army.mil/software/hec-ras/documents/HEC-RAS_4.0_Reference_Manual.pdf>.

U.S. Code of Federal Regulations

— — — — —, Title 10, Energy, Part 50, “Domestic Licensing of Production and Utilization Facilities.”

— — — — —, Title 10, Part 52, “Early Site Permits; Standard Design Certifications; and Combined Licenses for Nuclear Power Plants.”

U.S. Department of Labor

— — — — —, OSHA 29 CFR Part 1926, “Safety and Health Regulations for Construction. (Occupational Safety & Health Administration)

U.S. Environmental Protection Agency

— — — — —, ALOHA 2007, “Area Locations of Hazardous Atmospheres”, Washington, DC, February 2007.

U.S. Nuclear Energy Institute

— — — — —, 91-04, “Severe Accident Issue Closure Guidelines,” Revision 1, 1994.

— — — — —, 93-01 Revision 2 “Industry Guidelines for Monitoring the Effectiveness of Maintenance at Nuclear Power Plants,” April 1996.

— — — — —, 07-02A Revision 0 “Generic FSAR Template Guidance for Maintenance Rule Program Description for Plants Licensed Under 10 CFR Part 52”, March 2008. (ADAMS Accession No. ML080910149)

U.S. Nuclear Regulatory Commission (NRC)

Commission Paper

— — — — —, SECY-93-087, “Policy, Technical and Licensing Issues Pertaining to Evolutionary and Advanced Light-Water Reactor (AWLR) Designs,” April 1993 (ADAMS Accession No. ML003708021) and SRM dated July 21, 1993.

Generic Communications

Generic Letters

— — — — —, GL 89-02, “Actions to Improve the Detection of Counterfeit and Fraudulently Marked Products,” March 1989.

— — — — —, GL 91-05, “License Commercial-Grade Procurement and Dedication Programs,” April 1991.

NUREG-Series Reports

— — — — —, NUREG-0800 “Standard Review Plan for the Review of Safety Analysis Reports for Nuclear Power Plants”, Section 17.5, “Quality Assurance Program Description – Design Certification, Early Site Permit and New License Applicants,” March 2007. (ADAMS Accession No. ML063190019)

— — — — —, NUREG-1835 “Safety Evaluation Report for an Early Site Permit (ESP) at the North Anna ESP Site,” September 2005. (ADAMS Accession No. ML052710305)

Regulatory Guides

— — — — —, Regulatory Guide 1.206, Combined License Applications for Nuclear Power Plants (LWR Edition),” September 2006. (ADAMS Accession No. ML062460002).

Other NRC Documents

— — — — —, Letter from Deirdre W. Spaulding, NRC to Edward J. Weinkam, “Approval of Nuclear Management Company Quality Assurance Topical Report,” March 2005. (ADAMS Accession No. ML050700416.

— — — — —, Memorandum from Dale F. Thatcher, NRC to L. Raghaven, NRC , “Approval of Nuclear Management Company Change to Quality Assurance Topical Report, NMC-1,” August 2005. (ADAMS Accession No. ML052360625)

— — — — —, Letter from Daniel S. Collins, NRC to Gregg R. Overbeck, “Palo Verde Nuclear Generating Station, Units 1, 2, and 3 Approval of Change to Quality Assurance program (Commercial-Grade Calibration Services),” September 2005. (ADAMS Accession No. ML052710224)

— — — — —, Letter from Patrick L. Hiland, NRC to Keith Greenaway, “Reply to Your Letter Dated September 26, 2006, Seeking Agency Assistance in Accepting ACLASS Accreditation Services,” December 2007. (ADAMS Accession No. ML073440472)

— — — — —, Letter from Patrick L. Hiland, NRC to R. Douglas Leonard, Jr. “Reply to Your Letter Dated February 29, 2008, Seeking Assistance in Accepting Laboratory Accreditation Bureau,” April 2008. (ADAMS Accession No. ML081330253)

— — — — —, Letter from Patrick L. Hiland, NRC to Patrick V. McCullen, “Reply to Your Letter Dated March 3, 2008, Seeking Assistance in Accepting International Accreditation Service, In.,” May 2008. (ADAMS Accession No. ML081330253)

Individual Authors

International Building Code, International Code Council, Inc., (<http://www.iccsafe.org>)

D'Appolonia, E., D'Appolonia, D. J., and Ellison, R. D. 1975. “*Drilled Piers*,” Foundation Engineering Handbook, Van Nostrand Reinhold, Co., New York.

D.P. Conduto, "*Foundation Design*," 2nd Edition, Prentice Hall (ADAMS Accession No. ML092040493)

Davie, J. R. and M. R. Lewis, "Settlement of Two Tall Chimney Foundations," *Proceedings, Second International Conference on Case Histories in Geotechnical Engineering*, St. Louis, Missouri, June 1988.

Imai, T. and Tonoghi, K., 1982, "Correlation of N-Value with S-Wave Velocity and Shear Modulus," *Processings. 2nd European Symposium on Penetration Testing*.

Kramer, S. L., *Geotechnical Earthquake Engineering*. Prentice-Hall, Inc.: Upper Saddle River, NJ, 1996.

Ostadan, F., White, W.H., "Lateral Seismic Soil Pressure - An Updated Approach", *Proceedings of US-Japan SSI Workshop*, Menlo Park, CA, September 1998.

Seed, H. B., and I. M. Idriss, Report No. UCB/EERC-70/10, "Soil Moduli and Damping Factors for Dynamic Response Analyses," University of California: Berkeley, California, December 1970.

Seed, H. B., "Considerations in the Earthquake-Resistant Design of Earth and Rockfill Dams," *Geotechnique*, Volume 29, No. 3, 1979.

Seed, B. H., and Whitman, R. V., "Design of Earth Retaining Structures for Dynamic Loads," ASCE Specialty Conference on Lateral Stresses in the Ground and Design of Earth Retaining Structures, 1970.

Seed, H. B., Idriss, I. M. and Arango, I. 1983. "Evaluation of Liquefaction Potential Using Field Performance Data," *Journal of Geotechnical Engineering Division, ASCE*, Vol 1005, No. 3, pp 458-482.

Tokimatsu, K. and H. B. Sneed, "Evaluation of Settlements on Sands Due to Earthquake Shaking," *ASCE Journal of Geotechnical Engineering*, Volume 113, No. 8, August 1997.

Vesic, A. S., "Bearing Capacity of Shallow Foundations," Ed. H. F. Winterkorn and H-Y Fang, *Foundation Engineering Handbook*, Van Nostrand Reinhold Company: New York, 1975.