



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION II  
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May 22, 2003

MEMORANDUM TO: David A. Ayres, Chief  
Fuel Facilities Branch  
Division of Nuclear Materials Safety

FROM: Christine Noelke, Student Engineer  
Fuel Facilities Branch  
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SUBJECT: MOX REFERENCE DOCUMENTS LIST

Attached are the reference documents found in the Mixed Oxide Fuel Fabrication Facility (MFFF) Construction Authorization Request (CAR). These resources are necessary for the proper assessment of the CAR, received by the U.S. Nuclear Regulatory Commission (NRC) from Duke, Cogema, Stone & Webster (DCS), for evaluation of the items found within the draft.

Attachment: As stated

cc: William Gloersen

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## Supplemental Documents Needed for MOX Project

### Air Moving and Conditioning Association

AMCA-1999, *Standards Handbook*

### American Association of State Highway and Transportation Officials (AASHTO)

*Standard Specifications for Highway Bridges*, Sixteenth Edition, 1996

### American Concrete Institute (ACI) Codes

ACI-224R-90, *Control of Concrete Cracking in Concrete Structures*

ACI-301-99, *Standard Specifications for Structural Concrete*

ACI-315-99, *Details and Detailing of Concrete Reinforcement*

ACI-318, *Building Code Requirements for Reinforced Concrete Structures*

ACI-336.2R-88, *Suggested Analysis and Design Procedures for Combined Footings and Mats*

ACI-349-97, *Code Requirements for Nuclear Safety-Related Concrete Structures & Commentary*

ACI-349.1R-91, *Reinforced Concrete Design for Thermal Effects on Nuclear Power Plant Structures*

ACI-351.1R-99, *Grouting for Support of Equipment & Machinery*

ACI-351.2R-94, *Foundations for Static Equipment*

ACI-352R-91, *Recommendations for Design of Beam-Column Joints in Monolithic Reinforced Concrete Structures*

ACI-352.1R-89, *Recommendations for Design of Slab-Column connections in Monolithic Reinforced Concrete Structures*

ACI-360R-92, *Design of Slabs on Grade*

ACI-439.3R-91, *Mechanical Connections of Reinforcing Bars*

ACI-503R-93, *Use of Epoxy Compounds with Concrete*

ACI-SP-152-95, *Design and Performance of Mat Foundations*

ACI 349-01, App. B. *Anchoring Concrete*

ACI 318-99. *Building Code Requirements for Reinforced Concrete Structures and Commentary*

ACI 442-88. *Response of Concrete Buildings to Lateral Forces* ACI 207.1R-96. *Mass Concrete*

ACI 207.2R-95. *Effect of Restraint, Volume Change, and Reinforcement on Cracking of Mass Concrete*

ACI 207.4R-93. *Cooling and Insulating Systems for Mass Concrete*

ACI SP-175. *Concrete and Blast Effects*

### American Conference of Governmental Industrial Hygienists

*Industrial Ventilation A Manual of Recommended Practice*, 23<sup>rd</sup> Edition

### American Institute of Chemical Engineers

AICHE, 1992. *Guidelines for Hazard Evaluation Procedures: With Worked Examples*.

USR/JAB8144 (DPE-3699). *Update of Seismic Criteria for the Savanna River Plant*.

### American Institute of Steel Construction (AISC)

AISC, *Seismic Provisions for Structural Steel Buildings*, April 1997

AISC ASD, *Manual of Steel Construction, Allowable Stress Design*, 9<sup>th</sup> edition, 1989

AISC N690. *Specification for Structural Joints Using ASTM A325 or A490 Bolts*

American Iron and Steel Institute (AISI)

AISI, *Specifications for the Design of Cold-Formed Steel Structural Members*, 1986

American National Standards Institute (ANSI)

ANSI/ANS 6.1.1-1977, *Neutron and Gamma-Ray Flux-to-Dose Rate Factors*

ANSI 6.4-1977, *Guidelines on the Nuclear Analysis and Design of Concrete Radiation Shielding for Nuclear Power Plants*

ANSI/ANS 6.4.2 (1985, R1997), *Specification for Radiation Shielding Materials*

ANSI 323

ANSI N 13.1-1969, *Guide to Sampling Airborne Radioactive Materials in Nuclear Facilities*

ANSI N13.10-1974, *Specification and Performance of Onsite Instrumentation for Continuously Monitoring Radioactivity in Effluent*

ANSI N14.6, *Radioactive Materials - Special Lifting Devices for Shipping Containers Weighing 10,000 lbs or More*

ANSI N15.10-1987, *Unirradiated Plutonium Scrap - Classification*

ANSI N15.22-1987, *Nuclear Materials - Plutonium-Bearing Solids - Calibration Techniques for Calorimetric Assay*

ANSI N42.18-1980, *On-Site Instrumentation for Continuously Monitoring Radioactivity in Effluents*

ANSI N101.4, *Quality Assurance for Protective Coatings Applied to Nuclear Facilities*, 1972

ANSI N317-1980 (1991), *Performance Criteria for Instrumentation Used for In-Plant Plutonium Monitoring Instrumentation*

ANSI Z88.2-1992, *Practices for Respiratory Protection*

ANSI Z88.6-1984, *Physical Qualifications for Respirator Use*

ANSI/AISC N690-1994 *Specification for the Design, Fabrication, and Erection of Steel Safety-Related Structures for Nuclear Facilities (SC-1)*

ANSI/ANS-8.1-1983 (R1998), *Nuclear Criticality Safety in Operations with Fissionable Materials Outside Reactors*

ANSI/ANS-8.3-1997, *Criticality Accident Alarm System*

ANSI/ANS-8.7-1975, *Guide for Nuclear Criticality Safety in the Storage of Fissile Materials*

ANSI/ANS-8.9-1987, *Nuclear Criticality Safety Criteria for Steel-Pipe Intersections Containing Aqueous Solutions of Fissile Materials*

ANSI/ANS-8.10-1983, *Criteria for Nuclear Criticality Safety Controls in Operations With Shielding and Confinement*

ANSI/ANS-8.12-1987, *Nuclear Criticality Control and Safety of Plutonium-Uranium Fuel Mixtures Outside Reactors*

ANSI/ANS-8.15-1981, *Nuclear Criticality Control of Special Actinide Elements*

ANSI/ANS-8.17-1984, *Criticality Safety Criteria for the Handling, Storage, and Transportation of LWR Fuel Outside Reactors*

ANSI/ANS-8.19-1996, *Administrative Practices for Nuclear Criticality Safety*

ANSI/ANS-8.20-1991, *Nuclear Criticality Safety Training*

ANSI/ANS-8.21-1995, *Use of Fixed Neutron Absorbers in Nuclear Facilities Outside Reactors*

ANSI/ANS-8.22-1997, *Nuclear Criticality Safety Based on Limiting and Controlling Moderators*

ANSI/ANS-8.23-1997, *Nuclear Criticality Accident Emergency Planning and Response*

ANSI/ANS 16.1-1986, *Measurement of the Leachability of Solidified Low-Level Radioactive Wastes by a Short-Term Test Procedure*

ANSI/ANS 40.35-1991, *Volume Reduction of Low Level Radioactive Waste*

ANSI/ANS 40.37-1993, *Mobile Radioactive Waste Processing Systems*

ANSI/ANS 59.51-1997, *American Nuclear Society Fuel Oil Systems for Safety Related Emergency Diesel Generators*  
 ANSI/ASME B30.9, *Slings*  
 ANSI/ASME B30.20, *Below-the-Hook Lifting Devices*  
 ANSI/ASME B31.3, *Process Piping*  
 ANSI/ISA 7.0.01-1996, *Quality Standard for Instrument Air*  
 ANSI/ISA-67.04.01-2000, *Setpoints for Nuclear Safety-Related Instrumentation*  
 ANSI/ASME B73.1M. *Specifications for Horizontal End Suction Centrifugal Pumps for Clpm. Processes.*  
 ANSI-N13.1-1999. *Sampling and Monitoring Releases of Airborne Radioactive Substances from the Stacks and Ducts of Nuclear Facilities*

American Petroleum Institute (API)

API 620 (1998), *Design & Construction of Large, Welded, Low Pressure Storage Tanks*  
 API RP 520, *Sizing, Selection and Installation of Pressure Relieving Devices in Refineries*  
 API RP 521, *Guide for Pressure Relieving and Depressurizing Systems*

American Society of Civil Engineers (ASCE)

ASCE Standard 4-98, *Seismic Analysis of Safety Related Nuclear Structures*  
 ASCE Standard 7-98, *Minimum Design Loads for Buildings and Other Structures*  
 ASCE Standard 8-91, *Specification for the Design of Cold-Formed Stainless Steel Structural Members*  
 ASCE 58-80, *Structural Analysis and Design of Nuclear Plant Facilities*  
 ASCE *Design for Physical Security, State of the Practice*

American Society of Heating Refrigeration and Air-Conditioning Engineers

ASHRAE *Design Guide for Department of Energy Nuclear Facilities*, 1993 Edition  
 ASHRAE 62-1999, *Ventilation for Acceptable Air Quality*  
 ASHRAE 90.1-1999, *Energy Standard for Buildings Except Low-Rise Residential Buildings*  
 ASHRAE, 1997. *Handbook of Fundamentals*

American Society of Mechanical Engineers (ASME)

AG-1-1977, *Code on Nuclear Air and Gas Treatment*  
 B30.2, *Overhead and Gantry Cranes*  
 B31.3-1996, *Process Piping, including 1998 Addenda*  
 N509-1996, *Nuclear Power Plant Air-Cleaning Units and Components*  
 N510-1995, *Testing of Nuclear Air-Treatment Systems*  
 NQA-1-1994, *Quality Assurance Requirements for Nuclear Facility Applications*  
 NQA-1a-1995  
 ASME VIII, *Boiler and Pressure Vessel Code, Rules for Construction of Pressure Vessels*  
 ASME B30.2-1996. *Top Running Bridge, Single or Multiple Girder, Top Running Trolley Hoist Overhead and Gantry Cranes.*  
 ASME B31.3. *Piping Codes*  
 ASME 30.16-1998. *Overhead Hoists (Underhung).*  
 ASME N510  
 ASME B30.2 *Overhead and Gantry Cranes*

American Society for Testing and Materials (ASTM)

E-84-98

E-119-95

ASTM G2-88

Research Council on Structural Connections, *Specification for Structural Joints Using ASTM A325 and A490 Bolts*, 1985

American Welding Society (AWS)AWS-D1.1-98, *Structural Welding Code - Steel*, 1998AWS-D9.1-1998, *Sheet Metal Welding Code*

NCIG-01, *Visual Weld Acceptance Criteria for Structural Welding of Nuclear Power Plants*,  
Revision 2, EPRI NP-5380

AWS D1.1-2000. *Structural Welding Code*Building Seismic Safety Council

BCCS, 1997. *National Earthquake Hazards Reduction Programs Recommended Provisions for Seismic Regulations for New Buildings and Other Structures*.

Compressed Gas Association (CGA)CGA G-4, *Oxygen*CGA G-5, *Hydrogen*CGA G-7, *Compressed Air for Human Respiration*CGA G-9 (1998), *Helium*CGA G-10 (1997), *Nitrogen*CGA G-11 (1998), *Argon*CGA P-1, *Safe Handling of Compressed Gases in Containers*CGA P-9 (1992), *The Inert Gases Argon, Nitrogen, and Helium*CGA P-14, *Accident Prevention in Oxygen-Rich and Oxygen-Deficient Atmospheres*CGA S-1.1, *Pressure Relief Device Standards - Part 1 - Cylinders for Compressed Gases*

CGA S-1.3, *Pressure Relief Device Standards - Part 3 - Cargo and Portable Tanks for  
Compressed Gases*

CGA V-1 (1987)

CMAA-70, *Specifications for Top Running Bridge and Gantry Type Multiple Girder Electric  
Overhead Traveling Cranes*, 1994

CMAA-74. *Specifications for Top Running and Under Running Single Girder Electric Overhead  
Traveling Cranes Utilizing Under Running Trolley Hoists*, 1994.

Department of Energy Acquisition Regulations

DEAR 952.250-70

Department of Energy StandardsDOE-STD-1020-94, *NPH Design and Evaluation Criteria for DOE Facilities*DOE-STD-3013-1996, *Stabilization, Packaging, and Storage of Plutonium-Bearing Materials*

DOE-STD-1128-98, *Guide of Good Practices for Occupational Radiological Protection in  
Plutonium Facilities*

DOE/WIPP-069, *Waste Acceptance Criteria for the Waste Isolation Pilot Plant*, Rev. 7,  
November 1999

DOE/HDBK-3010. *Airborne Release Fractions/Rates and Respirable Fractions for Nonreactor Nuclear Facilities.*  
 DOE-STD-1024-92. *Guidelines for Use of Probabilistic Seismic Hazard Curves at Department of Energy Site.*  
 DOE-STD-1023-95. *Natural Phenomena Hazards Assessment Criteria.*  
 DOE-STD-1022-94. *Natural Phenomena Hazards Characterization Criteria.*  
 DOE Order 420.1. *Facility Safety.*  
 DOE-STD-1021-93. *Natural Phenomena Hazards Performance Categorization Criteria for Structures, Systems and Components.*  
 Emergency Response Planning Guideline (used by DOE for standards)

Duke Cogema Stone & Webster

DCS01-WRS-DCS-NTE-G-00005-A, *MOX Fuel Fabrication Facility Site Geotechnical Report, December*  
 DCS01-WRS-DCS-NTE-G-00005-C, *MOX Fuel Fabrication Facility Site Geotechnical Report, August*

Electric Power Research Institute

EPRI TR-102293. *1993 Guidelines for Determining Design Basis Ground Motions.*

Environmental Protection Agency

EPA-520/1-88-020. *Limiting Values of Radionuclide Intake and Air Concentration and Dose Conversion Factors for Inhalation, Submersion, and Ingestions.*

Energy Research and Development Administration

ERDA 76-21 *Nuclear Air Cleaning Handbook, 2<sup>nd</sup> edition*

*Illuminating Engineering Society (IES) Lighting Handbook*

*International Conference of Building Officials (ICBO)*

*International Handbook of Evaluated Criticality Safety Benchmark Experiments*

Institute of Electrical and Electronic Engineers (IEEE)

IEEE C62.41-1991, *IEEE Recommended Practice on Surge Voltages in Low-Voltage AC Power Circuits* (per RAI response #155)  
 IEEE C62.45-1992, *IEEE Guide on Surge Testing for Equipment Connected to Low-Voltage AC Power Circuits* (per RAI response #155)  
 IEEE 7-4.3.2-1993, *IEEE Standard Criteria for Digital Computers in Safety Systems of Nuclear Power Generating Stations* (extension of IEEE 603)  
 IEEE 142-1991, *Recommended Practice for Grounding of Industrial and Commercial Power Systems*  
 IEEE 308-1991, *IEEE Standard Criteria for Class 1E Power Systems for Nuclear Generating Stations*  
 IEEE 323-1983, *IEEE Standard for Qualifying Class 1E Equipment for Nuclear Power Generating Stations*  
 IEEE 338-1987  
 IEEE 344-1987, *IEEE Recommended Practices for Seismic Qualification of Class 1E Equipment for Nuclear Generating Stations*

- IEEE 379-1994, *IEEE Standard Application of the Single Failure Criterion to Nuclear Power Generation Station Safety Systems*
- IEEE 383-1974, *IEEE Standard for Type Test of Class 1E Electric Cables, Field Splices and Connections for Nuclear Power Generating Stations*
- IEEE 384-1992, *Standard Criteria for Independence of Class 1E Equipment and Circuits*
- IEEE 387-1995, *IEEE Standard Criteria for Diesel Generator Units Applied as Standby Power Supplies for Nuclear Power Generating Stations*
- IEEE 446-1995, *Recommended Practices for Emergency and Standby Power Systems for Industrial and Commercial Applications*
- IEEE 450-1995 (per RAI response #152)
- IEEE 484-1996, *Recommended Practice for Installation Design and Installation of Vented Lead-Acid Batteries for Stationary Applications* (per RAI response #162)
- IEEE 485-1997, *IEEE Recommended Practice for Sizing Lead-Acid Batteries for Stationary Applications* (per RAI response #163)
- IEEE 519-1982, *IEEE Guide for the Installation of Electrical Equipment to Minimize Electrical Noise Inputs to Controllers from External Sources*
- IEEE 603-1998, *IEEE Standard Criteria for Safety Systems for Nuclear Power Generating Stations*
- IEEE 627-1980 (by reference in RAI response #154)
- IEEE 655-1995 (per RAI response #155)
- IEEE 730-1998 (per RAI response #168)
- IEEE 741-1997, *IEEE Standard Criteria for the Protection of Class 1E Power Systems and Equipment in Nuclear Power Generating Stations*
- IEEE 765-1995, *Standard for Preferred Power Supply for Nuclear Generating Stations*
- IEEE 802.3 series, *IEEE Standards for Local Area Networks: Carrier Sense Multiple Access with Collision Detection (CSMA/CD) Access Method and Physical Layer Specifications*
- IEEE 828-1998, *IEEE Standard for Software Configuration Management Plans*
- IEEE 830-1998, *IEEE Standard Recommended Practice for Software Requirements Specifications*
- IEEE 944-1986, *IEEE Recommended Practice for the Application and Testing of Uninterruptible Power Supplies for Power Generating Stations* (per RAI response #153)
- IEEE 946-1992, *IEEE Recommended Practice for the Design of DC Auxiliary Power Systems for Generating Stations* (per RAI response #154)
- IEEE 1050-1996, *Guide for Instrumentation and Control Equipment Grounding in Generating Stations*
- IEEE 1012-1998, *IEEE Standard for the Software Verification and Validation*
- IEEE 1023-1988, *IEEE Guide for the Application of Human Factors Engineering to Systems, Equipment, and Facilities of Nuclear Power Generating Stations*
- IEEE 1028-1997, *IEEE Standard for Software Reviews*
- IEEE 1042-1987 (per RAI response #168)
- IEEE 1074-1997, *IEEE Guide for Developing Software Life Cycle Processes*
- IEEE 1228, *Standard for Software Safety Plans* (per RAI response #167)
- IEEE 518-1982. *IEEE Guide for the Installation of Electrical Equipment to Minimize Electrical Noise Inputs to Controllers from External Sources.*
- IEEE 1050-1996. *Guide for Instrumentation and Control Equipment Grounding in Generating Stations.*
- IEEE 383-1992
- IEEE 518-1982. *IEEE Guide for the Installation of Electrical Equipment to Minimize Electrical Noise Inputs to Controllers from External Sources*

Instrument Society of America

ISA S7.3, *Quality Standard for Instrument Air*

ISA-12.13-Part I-1995. *Performance Requirements for Combustible Gas Detectors*

ISA RP12.13-Part II-1987. *Installation, Operation, and Maintenance of Combustible Gas Detection Instruments.*

Military Standards

MIL-STD 461

MIL-STD 462

MIL-STD 462D

NFPA Codes

10-1998

12-1998

13-1996

14-1996

15-1996

20-1996

22-1998

24-1995

25-1998

30-1996, *Flammable and Combustible Liquids Code*

37-1998, *Standards for the Installation and Use of Stationary Combustion Engines and Gas Turbines*

45-1996

50, *Standard for Bulk Oxygen Systems at Consumer Sites*

50A-1999, *Standard for Gaseous Hydrogen Systems at Consumer Sites*

55-1998, *Standard for the Storage, Use and Handling of Compressed and Liquefied Gases in Portable Cylinders*

70-1999

72-1996

80-1999

80A-1996

86C-1995, *Standard for Industrial Furnaces Using a Special Processing Atmosphere*

90A-1999

101-1997

110-1996, (1999 version referenced in RAI response #199)

220-1995

221-1997

232-1986

232AM-1986

253-1995

430, *Code for Storage of Liquid and Solid Oxidizers*

481

482-1996

600-1996

780-1997

780-1999

801-1998

2001-1996

Sandia National Laboratory (SAND)

SAND87-7156.  
 SAND97-0594.  
 SAND80-2124  
 SAND84-2641  
 SAND87-7082

Sheet Metal and Air-Conditioning Contractors National Association  
 SMACNA-1980, *Rectangular Industrial Duct Construction Standards*  
 SMACNA-1999, *Round Industrial Duct Construction Standards*

SRS Engineering Standards Manual (WSRC-TM-95-1)

Engineering Standard No. 01060, *Structural Design Criteria*, Revision 4, dated September 1999  
 Engineering Standard No. 01110, *Civil Site Design Criteria*, Revision 3, dated April 11, 2000

Underwriters Laboratories (UL)

UL 142, *Steel Aboveground Tanks for Flammable and Combustible Liquids*  
 555 (1995 edition)

U.S. Army Corps of Engineers

COE, 1952. *Foundation Grouting Operations, Savannah River Plant, Waterways Experiment Station.*

U.S. Department of Commerce

DOC, 1977. *Climatography of the United States No. 60, Climate of South Carolina.*  
 DOC, 1991. *Local Climatological Data, Annual Summary with Comparative Data, 1991.*  
 DOC, 1996. *Local Climatological Data, Annual Summary with Comparative Data, 1995, Augusta, Georgia.*

Uniform Building Code (UBC) (1997 edition)

Westinghouse Savannah River Company

WSRC-RP-90-1010. *Baseline Hydrogeologic Investigation - Summary Report.*  
 WSRC-RP-94-0136. *Confirmatory Drilling Project Final Report.*  
 WSRC-RP-97-39. *Groundwater Mixing Zone Application for the Old F-Area Seepage Basin.*  
 WSRC-TR-97-0171. *Savannah River Site Environmental Report for 1996.*  
 WSRC-TR-99-0369. *Generic Safety Analysis Report.*  
 WSRC K-TRT-F-00001. *F-Area Northeast Expansion Report.*  
 WSRC-IM-98-30. *2000 RCRA Part B Permit Renewal Application (U), Volume VII, Savannah River Site Mixed Waste Facility (MWMF) Postclosure.*  
 WSRC-TR-2000-00454. *Natural Phenomena Hazards (NPH) Design Criteria and Other Characterization Information for the Mixed Oxide (MOX) Fuel Fabrication Facility at Savannah River Site (U).*  
 WSRC, 1992. *Application for Hazardous Waste Part B, Post-Closure Care Permit, Mixed Waste Management Facility, Hydrogeological Characterization (U).*  
 WSRC, 1999a. *Engineering Standards Manual, Structure Design Criteria Standard No 01060.*  
 SRT-NTS-990043. *Updates Meteorological Data for Revision4 of the SRS Generic Safety Analysis Report.*

- WSRC-TR-94-0528, Rev.1. *Update of H-Area Seismic Design Basis.*
- WSRC-TR-96-0062, Rev.0. *Investigations of Nonlinear Dynamic Soil Properties at the Savannah River Site.*
- WSRC-TR-97-0085, Rev.0. *Savannah River Site Seismic Response Analysis and Design Basis Guidelines.*
- WSRC-TR-98-00263, Rev.0. *Soil Surface Seismic Hazard and Design Basis Guidelines for Performance Category 1 & 2 SRS Facilities.*
- WSRC Subcontract AA2021S-Geomatrix Consultants, Inc., 1991. *Ground Motion Following Section of SRS Design Basis Earthquake and Associated Deterministic Approach.*
- WSRC-TR-99-00271, Rev. 0. *Computation for USGS Soil UHS and Comparison to NEHRP and PC-1 Seismic Response Spectra for the SRS.*
- WSRC-TR-2001-00342, Rev. 0. *Development of MFFF-Specific Vertical-to-Horizontal Seismic Spectral Ratios.*
- WSRC K-CLC-F-00049, Rev. 0. *Ability of SRS Site-Wide Spectra to the MFFF Site.*
- WSRC-RP-2002-4109, Rev. 0. *Work Task Authorization 06: Summary of Groundwater Quality at the MFFF Site (U).*
- PDP-MOX-2002-00174. *WSRC Response to RFI-023-001-A Earthquake Catalog Information.*
- WSRC-TM-95-1. *SRS Engineering Standards Manual*

#### OTHER REFERENCES FROM RAI RESPONSES

Ballinger, M. Y., et al., 1988. "Aerosols Released in Accidents in Reprocessing Plants", Nuclear Technology, Vol. 81, pp 278-292, May 1988

Washington Group, 2001. PDCF HEPA Filter/Sand Filter Alternatives Analysis Study, Contract No. DE-AC02-99CH10903, Project No. 79065.001, January 19, 2001

Branch Technical Position HICB-11 in NUREG-0800 (per RAI response #179)

EPRI TR106439 (per RAI response # 182)

ISO 11932:1996, *Activity Measurements of Solid Materials Considered for Recycling, Re-use or Disposal as Non-radioactive Waste*

Stokoe, K.H., et al., 1995. *Correlation Study of Nonlinear Dynamic Soil Properties: Savannah River Site, Aiken, South Carolina*, Rev. o, File No. SRS-RF-CDP-95, University of Texas at Austin, Department Civil Engineering, September 13.

UC-814

UC-71

TTC-0156

Grazulis, T.P., 1993. *Significant Tornadoes 1680-1991, Tornado Project of Environmental Films.*

Housner, G.W., 1968 (DPE-2383). *Earthquake Criteria for the Savannah River Plant.*

Georgia Power Company, 1987. *Alvin W. Vogtle Electric Generating Plant, Unit 1 and Unit 2, Final Safety Analysis Report.*

U.S. Geological Survey, Water Resources Investigations Report 874202. *Nomenclature of Regional Hydrogeological Units of the Southeastern Coastal Plain Aquifer System.*

BSSA, 77, #2, 322-346. *Comparisson of Source Scaling Relations of Eastern and Western North American Earthquakes.*

Bozzone, J. *SRS Employee Residence Data*

Cornell, C.A., 1997. *Probabilistic Hazard Analysis for Non-Linear Soil Sites – Preliminary Draft (1/14/97).*

Frankel, A., C. Mueller, T. Barnhard, D. Perkins, et al., 1996. *National Seismic Hazard Maps, June 1996, U.S. Geological Survey Open-File Rept. 96-532*

Frankel, A., 1999. *Letter report of calculation results to R.C. Lee, March 1, 1999.*

(BTP) HICB-17

IEC 848-1988. *IEC Standard for Preparation of Function Charts for Control Systems*

IEC 61131-3-1993. *International Standard for programmable Controllers*

NTFS97-123. *Letter report from Don Bernreuter to Jeff Kimball, LLNL.*

MPQAP → Page 15-1.

NEI, 1994. *Seismic Siting Decision Process, May 24, 1994*

*Occupational Safety and Health Administration (OSHA) requirements*

ORNL/TM-2001/262. *Investigations and Recommendadtion on the Use of Existing Ezperiments in Criticality Safety Analysis of Nuclear Fuel Cycle Facilities for Weapons-Grade Plutonium*

*Plutonium Disposition Program (PDP) Preconstruction Environmental Monitoting Report, June 26, 2002.*

Savy, J.B., 1996. *Fission Energy and Systems Safety Program, May 28, 1996.*

WSMS-SAE-02-0001