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PUBLICATIONS AND PRESENTATIONS

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1. "Effect of High-Velocity Fluid Flow on the Bending Vibrations and Static Divergence of a Simply Supported Pipe," H. L. Dodds and H. L. Runyan, NASA TN-2870 (June, 1965).
2. "Effect of High-Velocity Fluid Flow on the Bending Vibrations of a Simply Supported Pipe," H. L. Dodds, *Transactions of the Fifth ANS Student Conference*, Gatlinburg, Tennessee, April 6-8, 1967.
3. "Experimental Determination of the Differential Fast Neutron Flux in the High Flux Isotope Reactor Using Threshold Detectors," H. L. Dodds, M.S. Thesis, ORNL-TM-2565 (May, 1969).
4. "Experimental Determination of the Differential Fast Neutron Flux in the High Flux Isotope Reactor Using Threshold Detectors," H. L. Dodds, *Transactions of the Seventh ANS Student Conference*, Atlanta, Georgia, April 11-12, 1969.
5. "Experimental Determination of the Differential Fast Neutron Flux in the High Flux Isotope Reactor Using Threshold Detectors," H. L. Dodds and P. F. Pasqua, *Nuclear Applications and Technology*, Vol. 8, No. 3 (March, 1970).

¹ Additional information about Harold L. Dodds is online at www.engr.utk.edu/%7Ehdj/

6. "A New Computational Technique for Space-Energy-Angle Dependent Reactor Kinetics," H. L. Dodds and J. C. Robinson, *Proceedings of a Symposium on the Dynamics of Nuclear Systems*, University of Arizona, Tucson, Arizona, March 23-25, 1970.
7. "The Formulation and Application of the Transfer-Scattering Matrix Method to Space, Energy, and Angular Dependent Fast Reactor Kinetics," H. L. Dodds, J. C. Robinson, and A. R. Buhl, *Nuclear Science and Engineering*, Vol. 47, pp. 262-274 (1972).
8. "A New Technique for Controlling Numerical Errors in Transfer and Scattering Matrix Methods," H. L. Dodds, J. C. Robinson, and A. R. Buhl, *Transactions of the American Nuclear Society*, Vol. 14, p. 212 (1971).
9. "A New Computational Method for Space, Energy, and Angular Dependent Reactor Kinetics," H. L. Dodds, Ph.D. Dissertation, ORNL-TM-3136 (January, 1971).
10. "One Dimensional Quasistatic Kinetics," H. L. Dodds, W. V. Baxter, and J. W. Stewart, DPST-72-266, Savannah River Laboratory (March, 1972).
11. "Two-Dimensional Quasistatic Kinetics," H. L. Dodds, J. W. Stewart and C. E. Bailey, DPST-72-476, Savannah River Laboratory (September, 1972).
12. "Comparison of the Quasistatic and Direct Methods for Two-Dimensional Thermal Reactor Dynamics," H. L. Dodds, J. W. Stewart, and C. E. Bailey, *Transactions of the American Nuclear Society*, Vol. 15, p. 786 (1972).
13. "A User's Manual for TASK, a Generalized One-Dimensional Transport and Diffusion Kinetics Code," A. R. Buhl, H. L. Dodds, J. C. Robinson, R. A. Lillie, O. W. Herman, and R. J. Hinton, ORNL-TM-3811 (December, 1972).
14. "Space-Dependent Transient Reactor Experiments and Calculations at the Savannah River Laboratory," H. L. Dodds, P. B. Parks, C. E. Bailey, N. P. Baumann, R. L. Currie, and J. W. Stewart, *Transactions of the American Nuclear Society*, Vol. 16, pp. 292 (1973).
15. "Two-Dimensional Kinetics Benchmark Problems and Solutions," H. L. Dodds, DPST-73-270, Savannah River Laboratory (March, 1973).
16. "Three-Dimensional Coupled Neutronic and Engineering Calculations of Savannah River Reactors," M. M. Anderson, M. R. Buckner, J. H. Carswell, H. L. Dodds, M. V. Gregory, H. C. Honeck, K. R. Routt, and J. W. Stewart, *Proceedings of the ANS Topical Meeting on Computational Methods in Nuclear Engineering*, Charleston, South Carolina (April 15-17, 1975).

17. "Coarse Mesh Method for Two-Dimensional Mixed Lattice Diffusion Theory Calculations," H. L. Dodds, H. C. Honeck, and D. E. Hostetler, *Transactions of the American Nuclear Society*, Vol. 21, p. 223 (1975).
18. "Effect of Reflector Cross Sections on Flux Peaking Near the Core-Reflector Interface of a Reflected Reactor," H. L. Dodds and R. J. Pryor, DPST-74-572, Savannah River Laboratory, December, 1974.
19. "D2O Reactor Kinetics Benchmark Problem," F. N. McDonnell and H. L. Dodds, *Transactions of the American Nuclear Society*, Vol. 23, p. 217 (1976).
20. "Accuracy of the Quasistatic Method for Two-Dimensional Thermal Reactor Transients with Feedback," H. L. Dodds, *Nuclear Science and Engineering*, Vol. 59, pp. 271-276 (1976).
21. "A Coarse Mesh Method for Multidimensional, Mixed Lattice Diffusion Calculations," H. L. Dodds, H. C. Honeck, and D. E. Hostetler, *Nuclear Science and Engineering*, Vol. 62, pp. 751-756 (1977).
22. Benchmark Problem Book, ANL-7416 (Supplement No. 2), H. L. Dodds, Editor, Argonne National Laboratory (June, 1977).
23. "Computational Benchmark Problems - A Review of Recent Work within the American Nuclear Society Mathematics and Computation Division," H. L. Dodds, *Nuclear Science and Engineering*, Vol. 64, pp. 64-74 (1977).
24. "Sputtering Calculations with the Discrete Ordinates Methods," T. J. Hoffman, H. L. Dodds, D. K. Holmes, and M. T. Robinson, *Transactions of the American Nuclear Society*, Vol. 27, p. 266 (1977).
25. "Review of Advanced Reactor Transient Analysis Capabilities and Applications for Savannah River Reactors," M. R. Buckner, D. E. Hostetler, M. M. Anderson, and H. L. Dodds, *Proceedings of the ANS Topical Meeting on Thermal Reactor Safety*, Sun Valley, Idaho (July 31, 1977).
26. "Calculation of the Flux Covariance Matrix for the National Bureau of Standards-Intermediate-Energy Standard Neutron Field (NBS-ISNF)," B. L. Broadhead, H. L. Dodds, J. L. Lucius, F. G. Perey, and C. R. Weisbin, *Transactions of the American Nuclear Society*, Vol. 30, pp. 590-593 (1978).
27. "Sputtering Calculations with the Discrete Ordinates Methods," T. J. Hoffman, H. L. Dodds, M. T. Robinson, and D. K. Holmes, *Nuclear Science and Engineering*, Vol. 68, pp. 204-211 (1978).
28. "A Modified Approach to Diffusion Acceleration in Neutron Transport Problems," J. E. Aull, W. A. Rhoades, and H. L. Dodds, *Transactions of the American Nuclear Society*, Vol. 32, pp. 306-307 (1979).

29. "Range Calculations Using Multigroup Transport Methods," T. J. Hoffman, M. T. Robinson and H. L. Dodds, *Journal of Nuclear Materials*, Vol. 85-86, pp. 597-601 (1979).
30. "On the Proper Use of the Nordheim Integral Treatment for Resonance Processing," R. E. Pevey, H. L. Dodds, N. M. Greene, and R. M. Westfall, *Transactions of the American Nuclear Society*, Vol. 33 (November, 1979).
31. "Processing ENDF/B-V Uncertainty Data into Multigroup Covariance Matrices," J. D. Smith, H. L. Dodds, F. G. Perey, and C. R. Weisbin, *Transactions of the American Nuclear Society*, Vol. 33 (November, 1979).
32. "Improved Criticality Search Techniques for Low and High Enriched Systems," M. J. Lorek, H. L. Dodds, L. M. Petrie, and R. M. Westfall, *Transactions of the American Nuclear Society*, Vol. 33 (November, 1979).
33. "SPQR: A Monte Carlo Reactor Kinetics Code," S. N. Cramer and H. L. Dodds, ORNL/TM-7086, Oak Ridge National Laboratory (February, 1980).
34. "Ion Penetration Distance Calculations with Multigroup Transport Computer Codes," T. J. Hoffman, M. T. Robinson, H. L. Dodds, and D. K. Holmes, *Transactions of the American Nuclear Society*, Vol. 34, pp. 225-226 (June, 1980).
35. "Implementation of Generalized Perturbation Theory into the 3-D Nodal Code SIMULATE," S. M. Boman, M. L. Williams, and H. L. Dodds, *Transactions of the American Nuclear Society*, Vol. 34, pp. 305-307 (June, 1980).
36. "Evaluation of Three Cross Section Libraries for Criticality Safety Analysis of Hydrogen Moderated Lattices," A. M. Hathout, R. M. Westfall, and H. L. Dodds, *Transactions of the American Nuclear Society*, Vol. 35, pp. 281-282 (November, 1980).
37. "Charged Particle Transport Calculations Using Conventional Neutral Particle Transport Methods," T. J. Hoffman and H. L. Dodds, *Proceedings of the ANS/ENS Topical Meeting on Advances in Computational Methods in Nuclear Engineering*, Munich, West Germany (April, 1981).
38. "A One-Dimensional Exponential Expansion Discrete Ordinates Nodal Method," R. E. Pevey, and H. L. Dodds, *Transactions of the American Nuclear Society*, Vol. 38, pp. 594-595 (June, 1981).
39. "Radial Shield Analysis of the Gas-Cooled Fast Reactor," D. A. Reed, C. O. Slater, and H. L. Dodds, *Transactions of the American Nuclear Society*, Vol. 38, pp. 601-602 (June, 1981).

40. "Time-Dependent, One-Dimensional Multigroup Transport Theory Benchmark Problems," H. L. Dodds, W. W. Engle, and T. R. Hill, *Transactions of the American Nuclear Society*, Vol. 39, pp. 477-478 (November, 1981).
41. "Mitigation of a BWR Loss of Heat Sink Accident," W. A. Condon, D. D. Yue, and H. L. Dodds, *Transactions of the American Nuclear Society*, Vol. 39, pp. 627-629 (November, 1981).
42. "LMFBR Decay Heat Removal by Passive Guard Vessel Cooling," B. G. Beasley, M. H. Fontana, and H. L. Dodds, *Transactions of the American Nuclear Society*, Vol. 39, pp. 644-646 (November, 1981).
43. "A Two-Dimensional Exponential Expansion Discrete Ordinates Nodal Method," R. E. Pevey, and H. L. Dodds, *Transactions of the American Nuclear Society*, Vol. 39, pp. 751-753 (November, 1981).
44. "Treatment of Energy Self-Shielding in Data Adjustments for Fast Reactors," B. L. Broadhead, and H. L. Dodds, *Transactions of the American Nuclear Society*, Vol. 39, pp. 929-930 (November, 1981).
45. "Validation of Three Cross Section Libraries Used with the SCALE System for Criticality Safety Analysis," A. M. Hathout, H. L. Dodds, and R. M. Westfall, Report No. NUREG/CR-1917 (also, ORNL/NUREG/CSD/TM-19), Oak Ridge National Laboratory (1981).
46. "Charged Particle Transport Using Neutral Particle Methods," T. J. Hoffman and H. L. Dodds, *Proceedings of the Metallurgical Society of AIME*, Louisville, Kentucky (October, 1981).
47. "Joint University/Industry Program for Graduate Research in Nuclear Engineering," H. L. Dodds, American Society for Engineering Education, *Proceedings for the 90th Annual Conference*, College Station, Texas (June, 1982).
48. "Investigation of Dry-well Flooding at the Browns Ferry Nuclear Plant," W. A. Condon, S. R. Greene, and H. L. Dodds, *Transactions of the American Nuclear Society*, Vol. 41, pp. 419-420 (June, 1982).
49. "A Comparison of Nodal Transport Methods Based on Exponential and Polynomial Expansions," J. J. Ullo, J. J. Dorning, H. L. Dodds, and R. E. Pevey, *Transactions of the American Nuclear Society*, Vol. 43, pp. 367-369 (November, 1982).
50. "MUXS: A Code to Generate Multigroup Cross Sections for Sputtering Calculations," T. J. Hoffman, H. L. Dodds, and M. T. Robinson, ORNL/CSD/TM-185, Oak Ridge National Laboratory (October, 1982).

51. "Investigation of the Validity of the Point Kinetics Model During the Initiating Phase of a Hypothetical Core Disruptive Accident in the Clinch River Breeder Reactor," W. M. Simpkins, H. L. Dodds, and R. S. Howell, TEC Report No. R-82-036, Technology for Energy Corporation (November, 1982).
52. "Heat Transfer Model for Steam Cooling of PWR Fuel Rods," A. Sozer, T. M. Anklam and H. L. Dodds, *Transactions of the American Nuclear Society*, Vol. 44, pp. 351-352 (June, 1983).
53. "Localized Heating Model for BWR Pressure Suppression Pools," D. H. Cook and H. L. Dodds, *Transactions of the American Nuclear Society*, Vol. 44, pp. 373 (June, 1983).
54. "SKINATH - A Computer Program for Solving the Reactor Point Kinetics Equations with Simple Thermal-Hydraulic Feedback," H. L. Dodds and R. M. Westfall, ORNL/CSD/TM-210, Oak Ridge National Laboratory (October, 1984).
55. "Development of a Nuclear Engineering Computational System for the University of Tennessee," N. D. Woody and H. L. Dodds, *Transactions of the American Nuclear Society*, Vol. 45, pp. 28-29 (November, 1983).
56. "Calculated K-effectives for Plutonium Critical Experiments," M. E. Easter, H. L. Dodds, and R. T. Primm, *Transactions of the American Nuclear Society*, Vol. 47 (November, 1984).
57. "Convection - Radiation Heat Transfer to Steam in Rod Bundle Geometry," A. Sozer, T. M. Anklam, and H. L. Dodds, *Nuclear Technology*, Vol. 67, No. 3 (December, 1984).
58. "Validation of KENO V.a and Two Cross-Section Libraries for Low-Enriched Uranium Systems," M. E. Easter, H. L. Dodds, and H. R. Dyer, *Transactions of the American Nuclear Society*, Vol. 49, pp. 234-236 (June, 1985).
59. "A Method for Coupling Two-Dimensional to Three-Dimensional Discrete Ordinates Calculations," J. L. Thompson, M. B. Emmett, W. A. Rhoades, and H. L. Dodds, *Transactions of the American Nuclear Society*, Vol. 50, pp. 475-476 (November, 1985).
60. "Top-Down Versus Bottom-up Processing of Influence Diagrams in Probabilistic Analysis," R. D. Timmerman, T. J. Burns, and H. L. Dodds, *Transactions of the American Nuclear Society*, Vol. 52, pp. 514-515 (June, 1986).
61. "Monte Carlo Criticality Calculations Using a Parallel Processor Computer," D. Ugolini, L. M. Petrie, and H. L. Dodds, *Transactions of the American Nuclear Society*, Vol. 55, pp. 326-327 (November, 1987).

62. "Analysis of a Hypothetical Criticality Excursion During Mis-loading of a High-Capacity Spent-Fuel Cask," M. W. Roberts and H. L. Dodds, *Transactions of the American Nuclear Society*, Vol. 57, pp. 135-136 (November, 1988).
63. "A Hypothesis Generation Model of Initiating Events for Nuclear Power Plant Operators," R. S. Sawhney, J. C. Schryver, H. E. Knee, and H. L. Dodds, *Transactions of the American Nuclear Society*, Vol. 60, p. 176 (November, 1989).
64. "High Flux Isotope Reactor (HFIR) Reactivity Transient Analysis," T. Sofu, H. L. Dodds, and D. H. Cook, *Transactions of the American Nuclear Society*, Vol. 60, pp. 385-386 (November, 1989).
65. "Advanced Neutron Source Reactor Dynamics Calculations: Comparison with SPERT-II Experimental Results," M.I. Khayat, J. March-Leuba, and H. L. Dodds, *Transactions of the American Nuclear Society*, Vol. 60, pp. 435-436 (November, 1989).
66. "Nuclear Criticality Safety for Warehousing of 55-gal. Drums Containing Highly Enriched Uranium Metal," R. C. Robinson, H. L. Dodds, H. R. Dyer, and R. G. Taylor, *Proceedings of an ANS Topical Meeting on Safety Margins in Criticality Safety (ISBN: 0-89448-142-2)*, pp. 348-356, San Francisco, CA (November 26-30, 1989).
67. "Estimation of HFIR Core Flow Rate Using a Back Propagation Network," T. Sofu, E. Eryurek, R. E. Uhrig, H. L. Dodds, and D. H. Cook, *Transactions of the American Nuclear Society*, Vol. 61, pp. 123-124 (June, 1990).
68. "Criticality Safety Studies of a Proposed Uranium-Zirconium Alloy Fuel Fabrication Facility," K. H. Reynolds, D. A. Tollefson, D. F. Hollenbach, and H. L. Dodds, *Transactions of the American Nuclear Society*, Vol. 61, p. 185 (June, 1990).
69. "An Improved Method for Storing and Retrieving Tabulated Data in a Scalar Monte Carlo Code," D. F. Hollenbach, K. H. Reynolds, H. L. Dodds, N. F. Landers, and L. M. Petrie, *Transactions of the American Nuclear Society*, Vol. 61, pp. 181-192 (June, 1990).
70. "An Operator Model-Based Filtering Scheme," R. S. Sawhney, J. C. Schryver, and H. L. Dodds, *Proceedings of an ANS Topical Meeting on Advances in Human Factors Research on Man-Computer Interactions: Nuclear and Beyond (ISBN:0-89448-151-5)*, pp. 111-115, Nashville, TN (June, 1990).
71. "A Nine-Point ADI Model Problem for Solution of the Diffusion Equation," T. Sofu, E. L. Wachspress, and H.L. Dodds, *Transactions of the American Nuclear Society*, Vol. 62, pp. 298-299 (November, 1990).

72. "On-line Thermal Power Estimation for Control and Protection of the Advanced Neutron Source Reactor," M.I. Khayat, J. March-Leuba, and H.L. Dodds, *Transactions of the American Nuclear Society*, Vol. 62, pp. 564-565 (November, 1990).
73. "The Molten Salt Reactor Option for Beneficial Use of Fissile Material from Dismantled Weapons," U. Gat, J.R. Engel, and H.L. Dodds, *Proceedings of an AAAS Meeting on Fissile Materials from Nuclear Arms Reduction: A Question of Disposition* (February, 1991).
74. "ADI Preconditioning for Solving the Nine-Point Diffusion Equations," T. Sofu, E.L. Wachspress, and H.L. Dodds, *Proceedings of an International Topical Meeting in Advances in Mathematics, Computations, and Reactor Physics*, Vol. 2, p. 6.1, ISBN 0-89448-161-4 (1991).
75. "SPERT Benchmarks of the HFIR Dynamic Model," T. Sofu, M.I. Khayat, H.L. Dodds, and D.H. Cook, *Transactions of the American Nuclear Society*, Vol. 63, pp. 250-251 (June, 1991).
76. "Pressure Dynamics Modeling for the Design of the Advanced Neutron Source Reactor," M.I. Khayat, J. March-Leuba, and H.L. Dodds, *Transactions of the American Nuclear Society*, Vol. 63, pp. 459-460 (June, 1991).
77. "Criticality Safety Evaluation of an Arc-Melt Furnace Facility for UraniumZirconium Alloy-Production, D.A. Tollefson, K.H. Reynolds, G.R. Handley, R.C. Robinson, and H.L. Dodds, *Proceedings of an International Conference on Nuclear Criticality Safety*, Oxford, United Kingdom (September, 1991).
78. "Analysis of a Hypothetical Criticality Accident Involving Dry Highly Enriched Uranium Powder," W.D. Newmyer, B. Basoglu, D.F. Hollenbach, and H.L. Dodds, *Transactions of the American Nuclear Society*, Vol. 64, pp. 344-346 (November, 1991).
79. "Vectorization of the KENO V.a Criticality Safety Code," D.F. Hollenbach, W.D. Newmyer, B. Basoglu, H.L. Dodds, N.F. Landers, and L.M. Petrie, *Transactions of the American Nuclear Society*, Vol. 64, pp. 348-349 (November, 1991).
80. "A Criticality Alarm Generating Logic Design Using Fault-Tree Methodology and Expert Systems, B. Basoglu, L.H. Tsoukalas, and H.L. Dodds, *Transactions of the Eighth Power Plant Dynamics, Control & Testing Symposium*, Vol. 2, pp. 4901-4909 (May, 1992).
81. "Improvements in the Vectorization of the KENO Va. Criticality Safety Code," D.F. Hollenbach, H.L. Dodds, and L.M. Petrie, *Transactions of the American Nuclear Society*, Vol. 65, pp. 241-242 (June, 1992).

82. "Criticality Safety Analysis and Design Modifications of a Calcliner Exit Chute," C.F. Haught, B. Basoglu, R.W. Brewer, D.F. Hollenbach, A.D. Wilkinson, H.L. Dodds, and D. D'Aquila, *Transactions of the American Nuclear Society*, Vol. 65, pp. 243-245 (June 1992).
83. "Excursion Analysis of a Hypothetical Array Criticality Accident Involving Units of Aqueous Uranyl Fluoride - Preliminary Results," R.W. Brewer, B. Basoglu, C.F. Haught, D.F. Hollenbach, A.D. Wilkinson, H.L. Dodds, and J.C. Ingram, *Transactions of the American Nuclear Society*, Vol. 65, pp. 247-248 (June, 1992).
84. "Analysis of a Hypothetical Criticality Accident Involving Damp, Low-Enriched UO₂ Powder," B. Basoglu, R.W. Brewer, C.F. Haught, A.D. Wilkinson, H.L. Dodds, and P.F. Pasqua, *Transactions of the American Nuclear Society*, Vol. 65, pp. 248-250 (June, 1992).
85. "Rapid Reactivity Transient Model for U-Al-Dispersion-Fueled Research Reactors," T. Sofu, H.L. Dodds, and D.H. Cook, *Transactions of the American Nuclear Society*, Vol. 65, pp. 314-316 (June, 1992).
86. "A Hybrid Stochastic-Deterministic Method for Transient, Three-Dimensional Neutron Transport," M.W. Waddell and H.L. Dodds, *Transactions of the American Nuclear Society*, Vol. 66, pp. 226-227 (November, 1992).
87. "Transient Hot-Spot Analysis of the High Flux Isotope Reactor," T. Sofu, H.L. Dodds, and D.H. Cook, *Transactions of the American Nuclear Society*, Vol. 66, pp. 609-610 (November, 1992).
88. "Molten Salt Reactors for Burning Dismantled Weapons Fuel," U. Gat, J.R. Engel, and H.L. Dodds, *Nuclear Technology*, Vol. 100, No. 3, pp. 390-394 (December, 1992).
89. "A Method for Transient, Three-Dimensional Neutron Transport Calculations," M.W. Waddell, and H. L. Dodds, *Proceedings of an International ANS Topical Meeting on Mathematics and Computations*, Karlsruhe, Germany (April, 1993).
90. "Transient Analysis of a Hypothetical Array Criticality Accident," R.W. Brewer, B. Basoglu, C.F. Haught, D.F. Hollenbach, A.D. Wilkinson, H.L. Dodds, and J.C. Ingram, *Proceedings of an ANS Topical Meeting on Nuclear Criticality Safety* (ISBN: 0-89448-183-5), pp. 160-166, Nashville, TN (September, 1993).
91. "Validation of KENO Va. for Highly-Enriched Uranium Systems with Hydrogen and/or Carbon Moderation," E.P. Elliott, H.L. Dodds, and R.G. Vornehm, *Proceedings of an ANS Topical Meeting on Nuclear Criticality Safety* (ISBN:089448-183-5), pp. 217-225, Nashville, TN (September, 1993).
92. "Simulation of Hypothetical Criticality Accidents", B.Basoglu, C. Bentley, R. Brewer, M. Dunn, C. Haught, M. Plaster, W. Waddell, A. Wilkinson, and H. Dodds,

- Third Nuclear Simulation Symposium* (ISBN 1-56555-058-7), pp. 3-15, Schliersee, Germany (October, 1993).
93. "Nuclear Criticality Safety Program at the University of Tennessee-Knoxville," B. Basoglu, C. Bentley, R. Brewer, M. Dunn, C. Haught, M. Plaster, A. Wilkinson, H. Dodds, E. Elliott and W. Waddell, *Transactions of the American Nuclear Society*, Vol. 69, pp. 17-18 (November, 1993).
 94. "Criticality Safety Analysis of a Calcliner Exit Chute," C.F. Haught, B. Basoglu, R.W. Brewer, D.F. Hollenbach, A.D. Wilkinson, H.L. Dodds, and R.L. Oxenham, *Nuclear Technology*, Vol. 105, No. 1, pp. 3-13 (January, 1994).
 95. "Simulation of Hypothetical Criticality Accidents Involving Homogeneous Damp Low Enriched U₂O₃ Powder Systems," B. Basoglu, R.W. Brewer, C.F. Haught, D.F. Hollenbach, A.D. Wilkinson, H.L. Dodds, and P.F. Pasqua, *Nuclear Technology*, Vol. 105, No. 1 pp. 14-30, (January, 1994).
 96. "Vectorization Methods Development for a New Version of the KENO Va. Criticality Safety Code," D.F. Hollenbach, L.M. Petrie, and H.L. Dodds, *Nuclear Science and Engineering*, Vol. 116, No. 3, pp. 147-164 (March, 1994).
 97. "A Computer Model for the Transient Analysis of Compact Research Reactors with Plate Type Fuel," T. Sofu and H.L. Dodds, *Proceedings of the 1994 International Meeting on Advanced Reactor Safety*, Pittsburgh, PA (April, 1994).
 98. "Nuclear Criticality Safety Research at the University of Tennessee-Knoxville," H.L. Dodds, Nuclear Criticality Technology Safety Workshop, Williamsburg, VA (May, 1994).
 99. "Nuclear Criticality Safety Courses at the University of Tennessee-Knoxville," H.L. Dodds, C.M. Hopper, J.T. Mihalcz, J.T. Thomas and R.M. Westfall, *Transactions of the American Nuclear Society*, vol. 70, pp. 34-35 (June, 1994).
 100. "Validation of KENO Va. with ENDF/B-V Cross Sections for U²³³ Systems," M.E. Dunn, B. Basoglu, C.L. Bentley, C. Haught, M.J. Plaster, A.D. Wilkinson, T. Yamamoto, and H.L. Dodds, *Transactions of the American Nuclear Society*, vol. 70, pp. 181-182 (June, 1994).
 101. "Analysis of Hypothetical Criticality Excursion Accidents in 10 and 20 MW Freezer/Sublimers," C.F. Haught, B. Basoglu, R.W. Brewer, H.L. Dodds, and W.C. Jordan, *Transactions of the American Nuclear Society*, pp. 187-188 (June, 1994).
 102. "Shutdown Mechanisms for a Hypothetical Criticality Accident Involving HEU Powder: Preliminary Results," C. Bentley, B. Basoglu, M. Dunn, M. Plaster, A. Ruggles, A. Wilkinson, T. Yamamoto and H.L. Dodds, *Transactions of the American Nuclear Society*, pp. 188-189 (June, 1994).

103. "Analysis of a Hypothetical Criticality Accident in a Waste Supercompactor," M.J. Plaster, B. Basoglu, C.L. Bentley, M.E. Dunn, A.E. Ruggles, A. Wilkinson, T. Yamamoto, and H.L. Dodds, *Transactions of the American Nuclear Society*, pp. 189-191 (June, 1994).
104. "Improved Dose Estimates for Nuclear Criticality Accidents: Preliminary Results," A. Wilkinson, B. Basoglu, C. Bentley, M. Dunn, M. Plaster, T. Yamamoto, H.L. Dodds and C. Hopper, *Transactions of the American Nuclear Society*, pp. 191-192 (June, 1994).
105. "Improved Neutronics Calculations of the High-Flux Isotope Reactor," S. Goluoglu, R.B. Rothrock, and H.L. Dodds, *Transactions of the American Nuclear Society*, pp. 349-351 (June, 1994).
106. "Nuclear Criticality Safety Evaluation of U²³³ Storage Configurations Using ENDF/B-V Cross Sections," M.E. Dunn, B. Basoglu, C.L. Bentley, S. Goluoglu, C. Haught, M.J. Plaster, A.D. Wilkinson, T. Yamamoto, and H.L. Dodds, *Transactions of the American Nuclear Society*, pp. 278-280, (November, 1994).
107. "Development of a Parallelization Method for KENO Va.," B. Basoglu, C. Bentley, M. Dunn, S. Goluoglu, L. Paschal, T. Kamamoto, H. Dodds, and D. Hollenbach, *Transactions of the American Nuclear Society*, Vol. 72, pp. 147149, (June, 1995).
108. "Validation of KENO Va. with ENDF/B-V Cross Sections for ²³³U Systems," M.E. Dunn, B. Basoglu, C.L. Bentley, C. Haught, M.J. Plaster, A.D. Wilkinson, T. Yamamoto, and H.L. Dodds, *Nuclear Technology*, Vol. 111, No. 2, pp. 183196, (August, 1995).
109. "Analyses of Hypothetical Nuclear Criticality Excursions in 10- and 20-MW Freezer/Sublimator Vessels," Chris F. Haught, W.C. Jordan, B. Basoglu, R.W. Brewer, A.D. Wilkinson, and H.L. Dodds, *Nuclear Technology*, Vol. 111, No. 2, pp. 197-218, (August, 1995).
110. "Analysis of a Hypothetical Criticality Accident in a Waste Supercompactor," M.J. Plaster, B. Basoglu, C.L. Bentley, M.E. Dunn, A.E. Ruggles, A.D. Wilkinson, T. Yamamoto, and H.L. Dodds, *Nuclear Technology*, Vol. 111, No. 2, pp. 219-226, (August, 1995).
111. "Improved Dose Estimates for Nuclear Criticality Accidents," Alan D. Wilkinson, B. Basoglu, C.L. Bentley, M.E. Dunn, Chris F. Haught, M.J. Plaster, T. Yamamoto, H.L. Dodds, and Calvin M. Hopper, *Nuclear Technology*, Vol. 111, No. 2, pp. 227-240, (August, 1995).
112. "Current Research in Nuclear Criticality Safety at The University of Tennessee, Knoxville," B. Basoglu, C. Bentley, M. Dunn, S. Goluoglu, L. Paschal, T. Yamamoto, and H. Dodds, *Proceedings of the 9th Topical Meeting on Problems of Nuclear Reactor Safety (VOLGA-95)*, Moscow, Russia (September, 1995).

113. "Space-Dependent Kinetics Analysis of a Hypothetical Array Criticality Accident Involving Units of Aqueous Uranyl Fluoride," T. Yamamoto, R.W. Brewer, M.W. Waddell, B. Basoglu, C.L. Bentley, M.E. Dunn, S. Goluoglu, A.D. Wilkinson, and H.L. Dodds, *Proceedings of the 5th International Conference on Nuclear Criticality Safety*, Albuquerque, New Mexico (September, 1995).
114. "Improved Neutronics Model of the High Flux Isotope Reactor," S. Goluoglu and H.L. Dodds, *Nuclear Technology*, Vol. 112, No. 1, pp. 142-153 (October, 1995).
115. "Evaluation of Several Parallel Algorithms for KENO V.a," B. Basoglu, C. Bentley, M. Dunn, S. Goluoglu, L. Paschal, and H. Dodds, *Transactions of the American Nuclear Society*, Vol. 73, pp. 183-184 (November, 1995).
116. "Real-World Aspects of the Nuclear Criticality Safety Program at The University of Tennessee-Knoxville," C.L. Bentley, M.E. Dunn, S. Goluoglu, L.S. Paschal, R.E. Pevey and H.L. Dodds, *Transactions of the American Nuclear Society*, Vol. 74, pp. 32-33 (June, 1996).
117. "Criticality Safety Study of Shutdown Diffusion Cascade Coolers," L.S. Paschal, B. Basoglu, C.L. Bentley, M.E. Dunn, S. Goluoglu, R.E. Pevey and H.L. Dodds, *Transactions of the American Nuclear Society*, Vol. 74, pp. 230-231 (June, 1996).
118. "Criticality Analysis of a Mop Bucket Containing UO₂ F₂ Solution," M.S. Wyatt and H.L. Dodds, *Transactions of the American Nuclear Society*, Vol. 74, p. 229 (June, 1996).
119. "Development of a Continuous-Energy Version of KENO V.a," M.E. Dunn, C.L. Bentley, S. Goluoglu, L.S. Paschal, R.E. Pevey and H.L. Dodds, *Transactions of the American Nuclear Society*, Vol. 74, pp. 230-231 (June, 1996).
120. "Progress in Time-Dependent, Three-Dimensional Neutron Transport Methods Development", *Proceedings of the International Conference on Reactor Physics (PHYSOR 96)*, Vol. 3, pp. J-62 to J-70, Mito, Japan (September, 1996).
121. "Excursion Modeling Examples," H.L. Dodds, an invited presentation for the *Criticality Accident Workshop* at the Winter National Meeting of the American Nuclear Society, Washington, D.C. (November, 1996).
122. "Molten Salt Reactors-Safety Options Galore", U. Gat, J.R. Engel, and H.L. Dodds, *Proceedings of an International ANS Topical Meeting on Advanced Reactor Safety*, Orlando, FL. (June, 1997).
123. "Development of a Time-Dependent Three-Dimensional Deterministic Neutron Transport Method", S. Goluoglu, C. Bentley, R. DeMeglio, M. Dunn, K. Norton,

- R. Pevey, I. Suslov, and H.L. Dodds, *Transactions of the American Nuclear Society*, Vol. 76, p. 219 (June, 1997).
124. "Development of a Hybrid Stochastic/Deterministic Method for Transient, ThreeDimensional Neutron Transport", C. Bentley, R. DeMeglio, M. Dunn, S. Goluoglu, K. Norton, R. Pevey, I. Suslov, and H.L. Dodds, *Transactions of the American Nuclear Society*, Vol. 76, p. 221 (June, 1997).
 125. "Continuous-Energy Methods Development for the Monte Carlo Code KENO V.A., M.E. Dunn, C.L. Bentley, S. Goluoglu, R.E. Pevey, H.L. Dodds, and L.M. Petrie, *Transactions of the American Nuclear Society*, Vol. 76, p. 234 (June, 1997).
 126. "Application of the Method of Characteristics to Criticality Safety Calculations", I.R. Suslov, R.E. Pevey, C. Bentley, S. Goluoglu, R. DeMeglio, K. Norton, and H.L. Dodds, *Transactions of the American Nuclear Society*, Vol. 76, p. 249 (June, 1997).
 127. "Development Potential for Thermal Reactors and Their Fuel Cycles", J.T. Rogers, H.L. Dodds, P.C. Florido, U. Gat, S. Kondo and N.S. Spinks, *Proceedings of an International Symposium on the Nuclear Fuel Cycle and Reactor Strategies*, Vienna, Austria (June, 1997).
 128. "Criticality Safety Evaluation of Shutdown Diffusion Cascade Coolers", L.S. Paschal, C.L. Bently, M.E. Dunn, S. Goluoglu, R.E. Pevey, and H.L. Dodds, *Nuclear Technology*, Vol. 119, No. 3, pp. 295-305 (September, 1997).
 129. "Development of a Continuous Energy Version of KENO V.a.", M.E. Dunn, C.L. Bentley, S. Goluoglu, L.S. Paschal, L.M. Petrie, and H.L. Dodds, *Nuclear Technology*, Vol. 119, No. 3, pp. 306-313 (September, 1997).
 130. "Development of a Hybrid Stochastic/Deterministic Method for Transient, ThreeDimensional Neutron Transport", C. Bentley, R. DeMeglio, M. Dunn, S. Goluoglu, K. Norton, R.E. Pevey, I. Suslov, and H.L. Dodds, *Proceedings of the Joint International Conference on Mathematical Methods and Supercomputing for Nuclear Applications*, Saratoga, NY, vol. 2, pp. 1670-1681 (October, 1997).
 131. "Placement of Criticality alarms in the Paducah Gaseous Diffusion Plant Laboratory", L.F. Miller, L.D. Weems, Zhong Cao, Sedat Goluoglu, R.E. Pevey, and H.L. Dodds, *Transactions of the American Nuclear Society*, Vol. 77, pp. 220221 (November, 1997).
 132. "A Deterministic Method for Transient, Three-Dimensional Neutron Transport", S. Goluoglu, C. Bentley, R. DeMeglio, M. Dunn, K. Norton, R.E. Pevey, I. Suslov, and H.L. Dodds, *Proceedings of the 1998 ANS Radiation Protection and Shielding Division Topical Conference on Technologies for the New Century*, Nashville, TN, Vol. 1, pp. 1351-1358 (April, 1998).

133. "Neutron Beam Design for Boron Neutron Capture Therapy at RECH-2 Reactor", Jorge E.M. Rammsy, R.V. DeMeglio, Jorge E. Medel, R.E. Pevey, and H.L. Dodds, *Transactions of the American Nuclear Society*, Vol. 78, p. 17 (June, 1998).
134. "Use of THREEDANT to Calculate a 12-Rad Boundary", R.V. DeMeglio, K. Goluoglu, D. Evans, J. Rammsy, H.L. Dodds, and R.E. Pevey, *Transactions of the American Nuclear Society*, Vol. 77, pp. 144-145 (June, 1998).
135. "Application of TDKENO for the Analysis of Criticality Excursion Experiments", K.L. Goluoglu, C.L. Bentley, R.V. DeMeglio, S. Goluoglu, R.E. Pevey, I. Suslov, and H.L. Dodds, *Transactions of the American Nuclear Society*, Vol. 77, pp. 145-146 (June, 1998).
136. "Strategic Planning Activities in Nuclear Engineering at the University of Tennessee," H.L. Dodds, Proceedings of the 1999 Annual Conference of the American Society for Engineering Education, Charlotte, NC (June, 1999).
137. "FY98 Annual Report of the University of Tennessee Nuclear Engineering Department," H.L. Dodds, Nuclear Engineering Department Report (February, 1999).
138. "Nuclear Engineering Self-Study Report for ABET," L.F. Miller and H.L. Dodds, Nuclear Engineering Department Report (June, 1999).
139. "Subcritical Reactivity Experiment for an Undergraduate Nuclear Engineering Laboratory," M. S. Wyatt, L. F. Miller, and H. L. Dodds, *Transactions of the American Nuclear Society*, Vol. 81, pp. 41-42 (November, 1999).
140. "A Joint University/Industry Program for Basic Training and Certification of Nuclear Criticality Safety Specialists," H. L. Dodds and R. E. Pevey, *Transactions of the American Nuclear Society*, Vol. 81, pp. 184-186 (November, 1999).
141. "FY99 Annual Report of the University of Tennessee Nuclear Engineering Department," H. L. Dodds, Nuclear Engineering Department Report (March, 2000).
142. "Nuclear Engineering Education in the Future," H. L. Dodds, Proceedings of the PHYSOR 2000 International Topical Meeting on Advances in Reactor Physics and Mathematics and Computations into the Next Millennium," Pittsburgh, PA (May, 2000).
143. "FY2000 Annual Report of The University of Tennessee Nuclear Engineering Department," H. L. Dodds, Nuclear Engineering Department Report (February, 2001).

144. "Distance Education Programs in Nuclear Engineering at The University of Tennessee," P.G. Groer, J. W. Hines, R. H. Jackson, L. F. Miller, R. E. Pevey, L. W. Townsend, B. R. Upadhyaya, and H. L. Dodds, *Transactions of the American Nuclear Society*, Vol. 85, pp. 456-457 (November, 2001).
145. "A Time-dependent, Three-dimensional Neutron Transport Methodology," S. Golouglu and H. L. Dodds, *Nuclear Science and Engineering*, Vol. 139, No. 3, pp. 248-261 (November, 2001).
146. "FY2001 Annual Report of The University of Tennessee Nuclear Engineering Department," H. L. Dodds, Nuclear Engineering Department Report (March, 2002).
147. "The University of Tennessee Brings Nuclear Engineering Education to the Student's Desktop," J. W. Hines, R. E. Pevey, L. W. Townsend, B. R. Upadhyaya, H. L. Dodds, and R. H. Jackson, *Transactions of the American Nuclear Society*, Vol. 86, pp. 220-221 (June, 2002).
148. "Distance Education in Nuclear Engineering at The University of Tennessee," H. L. Dodds, An Invited Article for *Nuclear News* magazine, pp. 37-39 (June, 2002).
149. "The Use of Information Technology in The University of Tennessee Nuclear Engineering Distance Education Program," J. W. Hines, L. F. Miller, R. E. Pevey, L. W. Townsend, B. R. Upadhyaya, R. H. Jackson, and H. L. Dodds, *2002 ASEE Conference & Exhibition*, Montreal, Quebec, Canada, June 16-19, 2002.
150. "FY2002 Annual Report of The University of Tennessee Nuclear Engineering Department," H. L. Dodds, Nuclear Engineering Department Report (April, 2003).
151. "Nuclear Engineering Distance Education Initiatives at The University of Tennessee," H. L. Dodds, an invited paper for the *2004 Pacific Basin Nuclear Conference*, Honolulu, Hawaii, March 20-25, 2004.
152. "Distance Education Programs in Nuclear Engineering at The University of Tennessee," H. L. Dodds, an invited paper for the *Symposium to Celebrate the 40th Anniversary of the National Tsing Hua University Nuclear Engineering Program*, Taipei, Taiwan, April 22, 2004.
153. "FY2003 Annual Report of The University of Tennessee Nuclear Engineering Department," H. L. Dodds, Nuclear Engineering Department Report (April, 2004).
154. "FY2004 Annual Report of The University of Tennessee Nuclear Engineering Department," H. L. Dodds, Nuclear Engineering Department Report (April, 2005).
155. "Nuclear Criticality Safety Education and Training: Anytime and Anywhere," H. L. Dodds, C. M. Hopper, R. E. Pevey, D. A. Reed, R. G. Taylor, and R. M. Westfall,

- ANS International Topical Meeting on Nuclear Criticality Safety*, Knoxville, Tennessee, September 19-22, 2005.
156. “Educating the Future Workforce of Nuclear Professionals,” H. L. Dodds, an invited plenary presentation for the *2005 Winter Meeting of American Nuclear Society*, Washington, D.C. (November, 2005).
 157. “FY2005 Annual Report of The University of Tennessee Nuclear Engineering Department,” H. L. Dodds, Nuclear Engineering Department Report (April, 2006).
 158. “CY2006 Annual Report of the University of Tennessee Nuclear Engineering Department,” H. L. Dodds, Nuclear Engineering Department Report (May, 2007).
 159. “CY2007 Annual Report of the University of Tennessee Nuclear Engineering Department,” H. L. Dodds, Nuclear Engineering Department Report (June, 2008).
 160. “Distance Education at The University of Tennessee with Emphasis on Nuclear Engineering,” H. L. Dodds, R. E. Pevey, and Caroline Bowers, *2008 Winter Meeting of the American Nuclear Society*, Reno, Nevada (November, 2008).
 161. “Distance Education at The University of Tennessee with Emphasis on Nuclear Engineering,” an invited presentation at the South Dakota School of Mines and Technology, Rapid City, South Dakota (December, 2008).
 162. “Current Status of Distance Education at The University of Tennessee with Emphasis on Nuclear Engineering,” an invited presentation at Texas A&M University (March, 2009).
 163. “Future Innovations in Nuclear Engineering Education,” an invited presentation at the *International Conference on Advances in Mathematics, Computational Methods, and Reactor Physics*, Saratoga Springs, New York (May 3-7, 2009).
 164. “CY2008 Annual Report of The University of Tennessee Nuclear Engineering Department,” H. L. Dodds, Nuclear Engineering Department Report (June, 2009).
 165. “Current Status of Distance Education at The University of Tennessee with Emphasis on Nuclear Engineering,” an invited presentation at Virginia Commonwealth University, Richmond, Virginia (June, 2009).
 166. “Nuclear Power Today and in the Future,” an invited presentation for the Paducah Chapter of the American Institute of Chemical Engineers, Paducah, Kentucky (June, 2009).

167. “Current Status of Distance Education at The University of Tennessee with Emphasis on Nuclear Engineering,” an invited presentation at the *Institute for Nuclear Power Operations (INPO)*, Atlanta, Georgia (July, 2009).
168. “Current Status of Distance Education at The University of Tennessee with Emphasis on Nuclear Engineering,” an invited presentation for the *Southeastern Conference Educational Consortium*, Atlanta, Georgia (July, 2009).
169. “Nuclear Power Today and in the Future,” an invited presentation at the *Workshop on Nuclear Energy for Journalists*, Knoxville, Tennessee (July, 2009).
170. “Current Status of Distance Education at The University of Tennessee with Emphasis on Nuclear Engineering,” an invited presentation at the *Workshop on Nuclear Non-Proliferation and Materials Accountability*, Institute for Nuclear Power Engineering, Obninsk, Russia (October, 2009).
171. “Nuclear Engineering Education and Research Programs at The University of Tennessee,” several invited presentations delivered over one week at Harbin Engineering University, Harbin, China (October 26-30, 2009).
172. “Nuclear Power Today and in the Future,” an invited presentation given to the Chattanooga Engineers Club, Chattanooga, Tennessee (January 25, 2010).
173. “Nuclear Power Today and in the Future,” an invited presentation given to the Technical Society of Knoxville, Knoxville, Tennessee (March 22, 2010).
174. “CY2009 Annual Report of The University of Tennessee Nuclear Engineering Department,” H. L. Dodds, Nuclear Engineering Department Report (May, 2010).
175. “Current Status of Nuclear Engineering Distance Education at The University of Tennessee,” an invited presentation at the *Workshop on Outreach and Distance Education*, sponsored by the Canadian Nuclear Society, University of Calgary, Calgary, Canada (June 21-21, 2010).
176. “Enabling Tools for use in Nuclear Security Education,” an invited panelist at the *Workshop on Nuclear Security: The Intersection of Policy, Science, and Technology*, University of Tennessee, Knoxville, Tennessee (July 19-23, 2010).
177. “Nuclear Power Today and in the Future,” an invited presentation given to the Ohio State University nuclear engineering program, Columbus, Ohio (October 21, 2010).
178. “Update on Distance Education Programs in Nuclear Engineering at The University of Tennessee,” an invited presentation for the *2010 Winter Meeting of the American Nuclear Society*, Las Vegas, Nevada (November 10, 2010).

179. "Nuclear Power Today and in the Future," an invited presentation given at the University of Birmingham, Birmingham, England (February 9, 2011).
180. "UTNE Department Overview including Undergraduate, Graduate, and Distance Education Programs," an invited presentation given at the University of Birmingham, Birmingham, England (February 10, 2011).
181. "UTNE Department Research Program Overview," an invited presentation given at the University of Birmingham, Birmingham, England (February 11, 2011).
182. "Nuclear Power Today and in the Future," an invited presentation given to the Oak Ridge Rotary Club, Oak Ridge, Tennessee (March 10, 2011).
183. "CY2010 Annual Report of The University of Tennessee Nuclear Engineering Department," H. L. Dodds, Nuclear Engineering Department Report (September, 2011).
184. "Introduction to Nuclear and Radiological Engineering," an invited short course presented at Harbin Engineering University, Harbin, China (September 26-28, 2012).
185. "Energy Choices and Consequences," an invited presentation given to the Citywide Service Club, Knoxville, Tennessee (December 4, 2012)
186. "Energy Choices and Consequences," an invited presentation given to the Downtown Kiwanis Club, Knoxville, Tennessee (March 11, 2013)
187. "Energy Choices and Consequences (with Emphasis on Electricity Generation)," an invited presentation given to Univ. of Tennessee Engineering Freshmen, Knoxville, Tennessee (April 22, 2013)
188. "Energy Choices and Consequences," an invited presentation given to the Oak Ridge Rotary Club, Oak Ridge, Tennessee (June 6, 2013)
189. "Electricity Production Choices and Consequences-Overview of a New Short Course," *Annual Meeting of the American Nuclear Society*, Atlanta, Georgia (June 19, 2013)
190. "Energy Choices and Consequences," an invited short course presented at Harbin Engineering University, Harbin, China (September 15-20, 2013)
191. "Overview of the University of Tennessee Nuclear Engineering Program," an invited presentation given to the City University of Hong Kong, Hong Kong, China (September 25, 2013)
192. "Energy Choices and Consequences," an invited presentation given at the *Annual*

- Meeting of the Hong Kong Nuclear Society, Hong Kong, China (September 26, 2013)*
193. “Energy Choices and Consequences,” an invited presentation given to the Technical Society of Knoxville, Knoxville, Tennessee (October 21, 2013)
 194. “Energy Choices and Consequences,” an invited colloquium webcast presentation given to the University of Tennessee Nuclear Engineering Department, Knoxville, Tennessee (November 6, 2013)
 195. “Energy Choices and Consequences,” an invited presentation given to The Ohio State University Nuclear Engineering Program, Columbus, Ohio (May 16, 2014)
 196. “Energy Choices and Consequences,” an invited Keynote presentation given at the *Istanbul Nuclear Power Plant Summit*, Istanbul, Turkey (May 30, 2014)
 197. Update on “Energy Choices and Consequences,” an invited Keynote presentation given at the *New Energy Forum* in Qingdao, China (September 21, 2014)
 198. Update on “Energy Choices and Consequences,” an invited presentation given at the City University of Hong Kong in Hong Kong, China (September 25, 2014)
 199. Update on “Energy Choices and Consequences,” a presentation submitted to the *Nuclear Energy Summit Saudi Arabia* in Riyadh, Saudi Arabia (May 20-21, 2015)
 200. Update on “Energy Choices and Consequences,” an invited Keynote presentation given at the *2nd International Symposium on Sustainable Energy Production (SIPS2015)* in Antalya, Turkey (October 4-9, 2015)
 201. Update on “Energy Choices and Consequences,” an invited presentation given to the Oak Ridge/Knoxville Local Section of the American Institute of Chemical Engineers, Knoxville, Tennessee (April 14, 2016)
 202. Update on “Energy Choices and Consequences,” an invited presentation given in the Honors Faculty Lecture Series of the University of Tennessee Honors Program, Knoxville, Tennessee (October 4, 2016)
 203. Update on “Energy Choices and Consequences,” an invited presentation scheduled to be given to the Western South Carolina Local Section of the American Institute of Chemical Engineers, Greenville, South Carolina on January 10, 2017
 204. Update on “Energy Choices and Consequences,” an invited presentation scheduled to be given to the Savannah River Local Section of the American Nuclear Society, Aiken, South Carolina on March 2, 2017

