

References

1. Abey, Albert E., "An Analysis of Pit Production Facilities for the Future Nuclear Weapon Complex," *Energy & Technology Review*, published by Lawrence Livermore Laboratory, January/February 1992, pp. 31-39.
2. Brolin, E. C., Acting Director, Office of Nuclear Energy, U.S. Department of Energy, statement before the Senate Committee on Energy and Natural Resources, U.S. Senate, Aug. 5, 1993.
3. Brolin, E. C., Acting Director, Office of Nuclear Energy, U.S. Department of Energy, briefing to the Office of Technology Assessment, October 1993.
4. Chang, Ymm 1., General Manager, IFR program, Argonne National Laboratory, "Long-Term and New-Term Implications of the Integral Fast Reactor Concept," presentation at a meeting, *Nuclear as a Large Scale Global Energy Option—The Technical and Institutional Requirements*, sponsored by Oak Ridge National Laboratory, Oak Ridge, TN, Sept. 28-30, 1993.
5. Choi, Jor-Shan, "A Comparison of Radionuclide Inventories Between the Direct-Disposal and the Actinide-Burning Cycles," *Proceedings of the Third International Conference on High Level Waste Management*, vol. 2, Apr. 12-16, 1992, pp. 1381-1386.
6. Cunningham, Paul T., Program Director, Nuclear Materials and Reconfiguration Technology Programs, Los Alamos National Laboratory, personal communication, January 1994.
7. Delene, Jerry, "Uranium Resources and Uranium Availability and Economics and Competitiveness," presentation at a meeting, *Nuclear as a Large Scale Global Energy Option—The Technical and Institutional Requirements*, sponsored by Oak Ridge National Laboratory, Oak Ridge, TN, Sept. 28-30, 1993.
8. Electric Power Research Institute, *Analyzing the Reprocessing Decision: Plutonium Recycle and Nuclear Proliferation*. NP-931 (Palo Alto, CA: EPRI, November 1978).
9. Feiveson, Harold A., et al., "Fission Power: An Evolutionary Approach," *Science*, vol. 203, 1979, pp. 330-337.
10. Gillette, Robert, "Impure Plutonium Used in '62 A-Test," *Los Angeles Times*, Sept. 16, 1977.
11. Hannum, William H., Research Program Manager, ES&H/QA Officer, Engineering Research, Argonne National Laboratory, Argonne, IL, personal communication, Oct. 22, 1993.
12. Hannum, William H., Research Program Manager, ES&H/QA Officer, Engineering Research, Argonne National Laboratory, "Overview of ALMR/IFR Program," presentation to the Office of Technology Assessment, Argonne West, November 1993.
13. Hannum, William H., Research Program Manager, ES&H/QA Officer, Engineering Research, Argonne National Laboratory, Argonne, IL, written comments, Feb. 8, 1994.

14. Hannum, W. H., J.E. Battles, T.R. Johnson, and C.C. McPheeters, "Actinide Consumption: Nuclear Resource Conservation Without Breeding," paper presented at The 1991 American Power Conference, Chicago, IL, Apr. 24-26, 1991.
15. Idaho National Engineering Laboratory, *INEL News* (Washington, DC: U.S. Government Printing Office, May 1989), pp. 693-329.
16. Laidler, James J., Argonne National Laboratory, "Actinide Recycle Technology: Pyroprocess Waste Management"; "Actinide Recycle Technology: Commercial LWR and Other DOE-Owned Spent Fuels"; "Actinide Recycle Technology: Development of the IFR Pyroprocess"; presentations to the Office of Technology Assessment at Argonne West, November 1993.
17. Laidler, James J., Argonne National Laboratory, written comments, Feb. 7, 1994.
18. Lee, William, EEG, Albuquerque, NM, written comments, Feb. 7, 1994.
19. Lee, William W.-L., and Jor-Shan Choi, "Releases from Exotic Waste Packages from Partitioning and Transmutation," *Proceedings of the Third International Conference on High Level Waste Management*, vol. 2, Apr. 12-16, 1992, pp. 1387-1396.
20. Leventhal, Paul, Nuclear Control Institute, personal communication, meeting with the Office of Technology Assessment, Mar. 3, 1992.
21. Magee, P. M., General Electric, "Reference Plant System/Configuration—Reactor Core," paper presented at the *Technical Review of the ALMR Program*, Rockville, MD, Nov. 29-30, 1993.
22. Mark, J. Carson, *Reactor-Grade Plutonium's Explosive Properties* (Washington, DC: Nuclear Control Institute, August 1990).
23. McCabe, Amy S., and Colglazier, E. William "Public Acceptance Issues," presented to the *National Research Council Symposium on Separations Technology and Transmutation Systems (STATS)*, Washington, DC, Jan. 13-14, 1992.
24. Miller, Marvin, Department of Nuclear Engineering, Massachusetts Institute of Technology, Cambridge, MA, personal communication, Nov. 23, 1993.
25. Miller, Marvin, Panel Discussion on Proliferation, presentation at a meeting, *Nuclear as a Large Scale Global Energy Option—The Technical and Institutional Requirements*, sponsored by Oak Ridge National Laboratory, Oak Ridge, TN, Sept. 28-30, 1993.
26. National Academy of Sciences, National Research Council, *Interim Report of the Panel on Separations Technology and Transmutation Systems* (Washington, DC: National Academy Press, May 1992).
27. National Academy of Sciences, National Research Council, Committee on International Security and Arms Control, *Management and Disposition of Excess Weapons Plutonium* (Washington, DC: National Academy Press, 1994) (republication copy).
28. Nulton, John David, Deputy Director for Civilian Reactor Development, Office of Nuclear Energy, U.S. Department of Energy, personal communication, Oct. 4, 1993.
29. O'Leary, Hazel R., Secretary of Energy, memorandum, "Department Wide Initiative for Control and Disposition of Surplus Fissile Materials," Washington, DC, Jan. 24, 1994.
30. Panofsky, Wolfgang, Catherine Kelleher, Spurgeon Keeny, and Matthew Bunn, National Academy of Sciences Committee on International Security and Arms Control, Briefing on Management and Disposition of Excess Weapons Plutonium, Washington, DC, Feb. 17, 1994.
31. Phipps, Robert D., Argonne National Laboratory, "Fuel Cycle Facility," presentation to the Office of Technology Assessment, Argonne West, November 1993.
32. Pool, Thomas, Vice President, NUEXCO, "Uranium Availability Constraints," presentation at meeting, *Nuclear as a Large Scale*

- Global Energy Option-The Technical and Institutional Requirements*, sponsored by Oak Ridge National Laboratory, Oak Ridge, TN, Sept. 28-30, 1993.
33. President of the Russian Federation and the President of the United States of America, joint statement on "Non-Proliferation of Weapons of Mass Destruction and the Means of their Delivery," The White House Office of the Press Secretary (no date).
 34. Quinn, James E., General Electric, "U.S. ALMR Actinide Recycle Program," presented at the *Technical Review of the ALMR Program*, Rockville, MD, Nov. 29-30, 1993.
 35. Quinn, James E., General Electric, remarks at a meeting at the Office of Technology Assessment, Feb. 10, 1994.
 36. Ramsdottir, Lawrence D., Jor-Shan Choi, William Halsey, Alan Pasternak, Thomas Cotton, John Bums, Amy McCabe, William Colglazier, and William W.-L. Lee, Lawrence Livermore National Laboratory, "Impacts of New Developments in Partitioning and Transmutation on the Disposal of High-Level Nuclear Waste in a Mined Geologic Repository," UCRL ID-10923, March 1992.
 37. RAND National Defense Research Institute, Under Secretary of Defense for Policy, *Limiting the Spread of Weapon-Usable Fissile Materials*, prepared by Brian G. Chow and Kenneth A. Solomon (Santa Monica, CA: RAND, 1993), 102 pp.
 38. Sackett, J. I., Argonne National Laboratory, "Overview of ANL-W Facilities," presentation to the Office of Technology Assessment, Argonne West, November 1993.
 39. Sanger, David E., "Japan, Bowing to Pressure, Defers Plutonium Project," *The New York Times*, Feb. 22, 1994, p. A2.
 40. Selden, Robert W., Los Alamos National Laboratory, "Reactor Plutonium and Nuclear Explosives," briefing prepared for presentation to International Atomic Energy Agency representatives, November 1976.
 41. Taylor, J. J., and E. Rodwell, Electric Power Research Institute, "Disposal of Fissionable Material from Dismantled Nuclear Weapons," unpublished paper, May 1992.
 42. Thompson, Marion L., General Electric Company, "The Advanced Liquid Metal Reactor (ALMR)/Fuel Cycle," presented to the *National Research Council Symposium on Separations Technology and Transmutation Systems (STATS)*, Washington, DC, Jan. 13-14, 1992.
 43. Thompson, Marion L., General Electric Company, personal communication, Jan. 12, 1994.
 44. Thompson, Marion L., General Electric Company, written comments, Feb. 7, 1994.
 45. U.S. Congress, Congressional Research Service, *Integral Fast Reactor: The Debate Over Continued Development*, by Mark Holt, CRS Report 93-822 ENR (Washington, DC: U.S. Government Printing Office, Sept. 16, 1993).
 46. U.S. Congress, General Accounting Office, *Nuclear Science—Developing Technology To Reduce Radioactive Waste May Take Decades and Be Costly*, GAO/RCED-94-16 (Washington, DC: U.S. Government Printing Office, December 1993).
 47. U.S. Congress, Office of Technology Assessment, *Energy Technology Choices: Shaping Our Future*, OTA-E-493 (Washington, DC: U.S. Government Printing Office, July 1991).
 48. U.S. Congress, Office of Technology Assessment, *Dismantling the Bomb and Managing the Nuclear Materials*, OTA-O-572 (Washington, DC: U.S. Government Printing Office, September 1993).
 49. U.S. Congress, Office of Technology Assessment, *Technologies Underlying Weapons of Mass Destruction*, BP-ISC-115 (Washington, DC: U.S. Government Printing Office, December 1993).
 50. U.S. Department of Energy, Office of Nuclear Energy, *Plutonium Disposition Study, Technical Review Committee Report* (Washington, DC: July 2, 1993), vols. 1 and 2.
 51. U.S. Department of Energy, Office of Nuclear Energy, *Advanced Reactor and Development Programs—5-Year Plan To Meet Energy Policy Act of 1992 Requirements*, draft, Feb-

- ruary 1993 (every paged stamped, "Does not reflect current Administration policy").
52. U.S. Department of Energy, Spent Fuel Working Group Report, *Inventory and Storage of the Department's Spent Nuclear Fuel and Other Reactor Irradiated Nuclear Materials and Their Environmental, Safety and Health Vulnerabilities* (Washington, DC: November 1993), vol. 1.
53. Wade, David C., Argonne National Laboratory, "Warhead Pu Burning Issues and Unique IFR Suitability for the Mission," presentations to the Office of Technology Assessment, Argonne West, November 1993.
54. Walters, L. C., "Progress and Status of Fuels Development," presentation to the Office of Technology Assessment, Argonne West, November 1993.
55. White House, Office of the Press Secretary, Fact Sheet, "Nonproliferation and Export Control Policy," Washington, DC, Sept. 27, 1993.
56. Wymer, R. G., H.D. Bengelsdorf, G.R. Choppin, M.S. Coops, J. Guon, K.K.S. Pillay, and J.D. Williams, *An Assessment of the Proliferation Potential and International Implications of the Integral Fast Breeder Reactor*, prepared by Martin Marietta International Technology Programs Division for U.S. Department of Energy and U.S. Department of State (Oak Ridge, TN: May 1992), 89 pp.
57. Youngblood, B. J., ● *A Regulatory Perspective on the Potential Impact of Separation and Transmutation on Radioactive Waste Management/Disposal , " presentation to the *National Research Council Symposium on Separations Technology and Transmutation Systems (STATS)*, Washington, DC, Jan. 14, 1992.