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[APRIL 2002]

List of Documents to be Added to Reading Room List for the Department of Energy,
Albuquerque Operations Office

1. Stealthy Microbots for Counter-Proliferation and Intelligence Applications, Sandia National Laboratories.
2. Copy of letter from Arnold Kramish to Dr. Frederic de Hoffmann, dated May 4, 1950, with attachment.
3. Investigation Report for the July 25, 1991 Safe Secure Trailer Incident in North Dakota, Submitted 9-25-91.
4. Interview Transcript—United States Department of Energy in the Matter of Timothy Allen Frazier, USDOE #AB-204753, Interview Held at the U.S. Department of Energy, Dayton Area Office on May 15th, 1966.
5. Barrier Technology Handbook, SAND 77-0777 Revised, Printed 1981.
6. Documents in reference to Technical and Scheduling Conference, Thursday, March 15, 1945.
7. Preliminary Hazards Analysis for the Pit Disassembly and Conversion Facility, LA-CP-98-143, July 13, 1998.
8. Process Hazard Analysis Aries – Hydox Module, Authors—Derek Gordon, Blair Art, Chris James, and Dave Dennison, LA-CP-98-3.
9. Process Hazard Analysis Aries – Bisector Module, Authors—Derek Gordon, Blair Art, Wendel Brown, and Dave Dennison, LA-CP-97-243.
10. Process Hazard Analysis Aries – Hydride/Dehydride Module, Authors—Derek Gordon, Blair Art, Michael Ceballos, and Mike Barr, LA-CP-97-244.
11. Volume, Number 1, Moving Material Transport Effects, UCRL33880-1-1, B. R. Wienke, T. R. Hill, and P. P. Whalen.
12. Charts entitled “Tunnel Damage from Ground Shock, by Jon Rogers, Dept. 5412, June 1997.
13. Charts entitled “Unexplored Penetrator Regime, LDRD Renewal”, June 1996.
14. Charts entitled “Response to MAWG Questions, Existing Nuclear Stockpile Options Variable Yield Nuclear EPW Weapon, J. F. Cuderman, Steve Schaefer, Al Baker, John St Ledger, and Michael Schwab, at Kaman Sciences, Colorado Springs, August 6-8, 1996.
15. Charts entitled “Agent Defeat Weapon Nuclear Baseline Assessment”, John St. Ledger, Steve Schaefer, Chris Cunningham, dated November 19, 1996.
16. ADW Concept Questions, Concept 28, Variable Yield Nuclear Earth Penetrator Weapon.
17. FY 97 Proposed Activities for Agent Defeat Warhead Study.
18. Memorandum from Donald R. Erdmann to Distribution, dated June 28, 1996, SUBJECT: Agent Defeat Weapon (ADW) Concepts Working Group (CWG) Action Items CWG-6 and CWG-7.
19. Sandia Report, SAND 97-2050, Detecting, Locating and Attacking Theater Ballistic Missiles During Boost Phase, Derek A. Snyder and Raymond M. Zazworsky.
20. Memorandum from J. D. Rogers to Distribution, dated April 17, 1996, SUBJECT: Response to “Terms of Reference”.

21. Document entitled "Status of the External Initiator Development Program", dated July 15, 1954, XR Steering Committee.
22. Document entitled "Status of the External Initiator Development Program", dated November 3, 1953, XR Steering Committee.
23. RS 1411/1267, SC-4533 (WD), Zipper Development Chronology, 1950-1960.
24. Report No. RL-891, An Experimental Neutron Source, Authors—E. E. Charlton, H. C. Pollock, W. G. Westendorp, R. M. Haag, A. M. Gurewitsch, and P.C. Noble, dated June 1953.
25. Pantex Documents #140374 – Facility Log for 12-104, Bay 14, dated June 4, 1997.
26. Pantex Documents #140766—Facility Log for December 1998, Cell 4, dated June 4, 1997.
27. Pantex Documents #140295—Critique—Building 12-104, Bay 14, dated June 6, 1997.
28. Preliminary Hazards Analysis for the Surplus Pit Storage Facility Upgrade at Conceptual Design Phase, June 1997, with copy of letter from Larry Eppler to David Will, dated June 10, 1997.
29. Hazards Assessment Document, Surplus Pit Storage Facility Upgrade, dated May 1997, with copy of letter from Larry Eppler to David Will, dated May 15, 1997.
30. Nuclear Criticality Safety Evaluation for the Pantex Facility: Building 12-66, dated October 1997.
31. Potential Employee Over-Exposure to Solvent Vapors Building 12-104, Bay 3.
32. Survey of Weapon Development and Technology (WR708).

Listing of Documents Responsive to FOIA 97-123-A
Final Response dated 4-9-02

- Item 3: **Prima Facie Proof of The Feasibility of The Super (U)**, LA-551, 4-15-46, 58 pgs
- Item 4: **Proposed Outline of Laboratory Program By Edward Teller (U)**, 10-1-46, 15 pgs
- Item 5: **A New Thermonuclear System (U)**, LA-610, 11-15-46, 20 pgs
- Item 6: Inter-Office Memorandum from R. D. Richtmyer to N. E. Bradbury, subject: **Here are two comments relative for the proposed directive from the A.E.C. to the Los Alamos Laboratory (U)**, 3-21-47, 1 pg
- Item 8: **T-Division Progress Report, 20 October 1947-20 November 1947 (U)**, LAMS-660, 12-11-47, 6 pgs
- Item 9: **T-Division Progress Report, 20 November 1947-20 December 1947 (U)**, LAMS-673, 1-8-48, 12 pgs
- Item 10: **T-Division Progress Report, 20 January 1948-20 February 1948 (U)**, LAMS-694, 3-1-48, 7 pgs
- Item 11: **T-Division Progress Report, 20 June 1948-20 July 1948 (U)**, LAMS-761, 8-4-48, 10 pgs
- Item 12: **T-Division Progress Report, 20 August 1948-20 September 1948 (U)**, LAMS-791, 10-27-48, 11 pgs
- Item 13: **T-Division Progress Report, 20 November 1948-20 December 1948 (U)**, LAMS-830, 1-5-49, 8 pgs
- Item 16: **T-Division Progress Report, April 20, 1949-May 20, 1949 (U)**, LAMS-900, 6-2-49, 7 pgs
- Item 18: **Ignition of Deuterium-Tritium Mixtures: Numerical Calculations Using the Eniac (U)**, LA-525, 3-2-50, 58 pgs
- Item 19: **Laboratory Matters (U)**, 3-3-50, 2 pgs
- Item 20: **Ignition of a Large Mass of Deuterium By a Burning Deuterium-Tritium Mixture, Problem 1 (U)**, LA-1076, 3-7-50, 40 pgs
- Item 21: **I do not believe that we have discussed Taylor instability in connection with the Super before the present time (U)**, ADWD-140, 5-3-50, 3 pgs
- Item 22: **Ignition of a Large Mass of Deuterium by a Burning Deuterium-Tritium Mixture, Problem II (U)**, LA-1124, 6-16-50, 22 pgs
- Item 23: **Weapon Development Committee, Minutes of June 21, 1950 Meeting (U)**, LAMD-411 (ADWD-3-6), undated, 4 pgs
- Item 25: **Thermonuclear Status Report (U)**, LAMD-443, 9-26-50, 58 pgs
- Item 27: **Family Committee, Minutes of Nineteenth Meeting, August 5, 1950 (U)**, ADWD-174, 7 pgs
- Item 28: **Considerations on Thermonuclear Reactions (U)**, LA-1158, 9-26-50, 36 pgs

- Item 29: On Heterocatalytic Detonations I, Hydrodynamic Lenses and Radiation Mirrors (U), LAMS-1225, 3-9-51, 20 pgs**
- Item 30: A Thermonuclear Device (U), LA-1230, 4-4-51, 13 pgs**
- Item 31: The Burning of D-T Mixtures in a Spherical Geometry (U), LA-1233, 4-23-51, 176 pgs**
- Item 32: Family Committee, Minutes of Thirty-Sixth Meeting, June 6, 1951 (U), ADWD-271, 6 pgs**
- Item 33: Project Hippo (U), LA-1282, 8-10-51, 209 pgs**
- Item 34: Minutes of The First Meeting of The Theoretical Megaton Group, 5 October 1951 (U), ADWD-3-18, 10-12-51, 4 pgs**
- Item 35: Baby Hippo (U), LA-1442, 7-1-52, 79 pgs**
- Item 36: Minutes of The Thirty-Eighth Meeting of The Theoretical Megaton Group, September 17, 1952 (U), TM-77, 10 pgs**
- Item 38: A few days ago I came upon a copy of Edward Teller's recent book, entitled I think, "Aftermath of Hiroshima." (U), T-1314, 3-16-62, 2 pgs**