

Location of Some Technical Reports THE GOFMAN-TAMPLIN REPORTS

In late 1969 and 1970, Drs. Gofman and Tamplin issued a series of technical reports (known as "The G-T Series") documenting in detail the much larger association of ionizing radiation with cancer-causation than had been previously estimated. These reports examine all the major sources of data from known, human exposures (including certain medical therapies, the Hiroshima-Nagasaki data, the uranium miners, the radium dial-painters) as well as relevant data from animal exposures.

These reports, which are no longer available from the Committee [CNR], were submitted as testimony to two Congressional Committees, and are available at large libraries which keep collections of Congressional Hearings. Three volumes are involved, and the citations given below are correct. It is no error that testimony to one Committee is published in the Hearings of a competing Committee; nor is it an error that the date given to an entire volume may be earlier than the dates on materials included in that volume. Congress can operate that way.

ENVIRONMENTAL EFFECTS OF PRODUCING ELECTRIC POWER, Hearings before the Joint Committee on Atomic Energy, 91st Congress, [First session, Part 1, October and November 1969](#):

- "Low Dose Radiation, Chromosomes, and Cancer," presented at the 1969 IEEE Nuclear Science Symposium, San Francisco, October 29, 1969; pages [640-52](#).
- "Federal Radiation Council Guidelines for Radiation Exposure of the Population at Large – Protection or Disaster?," testimony presented to the Senate Committee on Public Works, November 18, 1969; pages 655-683.
- "Studies of Radium-Exposed Humans: The Fallacy Underlying a Major Foundation of NCRP, ICRP, and AEC Guidelines for Radiation Exposure to the Population-at-Large," supplement to testimony November 18, 1969; pages 695-706.

UNDERGROUND USES OF NUCLEAR ENERGY, Hearings before the Subcommittee on Air and Water Pollution of the Committee on Public Works, U.S. Senate, 91st Congress, first session, on S.3042, Part I, November 18-20, 1969:

- "A Proposal for at Least a Ten-Fold Reduction in the Federal Radiation Council Guidelines for Radiation Exposure to the Population-at-Large; Supportive Evidence,"

presented to the Joint Committee on Atomic Energy, January 28, 1970; pages 319-325.

- “Studies of Radium-Exposed Humans II: Further Refutation of the R.D. Evans’ Claim that the Linear, Non-Threshold Model of Human Radiation Carcinogenesis Is Incorrect,” supplement to testimony January 28, 1970; pages 326-350.
- “The Colorado Plateau: Joachimsthal Revisited? An Analysis of the Lung Cancer Problem in Uranium and Hardrock Miners,” supplement to testimony January 28, 1970; pages 351-377.
- “Radiation-Induction of Human Breast Cancer,” supplement to testimony January 28, 1970; pages 378-388.
- “Radiation-Induction of Human Lung Cancer,” supplement to testimony January 28, 1970; pages 389-399.
- “The Mechanism of Radiation Carcinogenesis,” supplement to testimony January 28, 1970; pages 400-418.
- “ICRP Publication 14 vs. the Gofman-Tamplin Report,” supplement to testimony January 28, 1970; pages 419-425. (ICRP stands for International Commission on Radiological Protection).
- “Major Fallacies in the AEC Staff Comments on the Gofman-Tamplin Papers and Congressional Testimony,” supplement to testimony January 28, 1970; pages 426-433.
- “Radiation-Induction of Breast Cancer in the Rat; A Validation of the Linear Hypothesis of Radiation Carcinogenesis over the Range 0-600 Rads,” supplement to testimony January 28, 1970; pages 434-441.
- “Radiation Aging by High LET Radiation: The Implications of Assuming Cell Nucleus Irradiation Is the Relevant Parameter,” by Donald P. Geesaman, supplement to testimony January 28, 1970; pages 442-444.

UNDERGROUND USES OF NUCLEAR ENERGY, Hearings before the Subcommittee on Air and Water Pollution of the Subcommittee on Public Works, U.S. Senate, 91st Congress, second session, on S.3042, Part II, August 5, 1970:

- “16,000 Cancer Deaths from FRC Guideline Radiation (Gofman-Tamplin) vs. 160 Cancer Deaths from FRC Guideline Radiation (Dr. John Storer): A Refutation of the Storer Analysis,” testimony to the Joint Committee on Atomic Energy, February 9, 1970; pages 1382-1386.

- “Osteosarcoma-Induction in the Beagle Dog with Alpha-Emitting Radionuclides; (a) Further Validation of the Linear Hypothesis of Radiation Carcinogenesis, (b) Absence of Any Suggestion of Safe Radiation Threshold for Bone Cancer Induction,” supplementary testimony to the JCAE, February 18, 1970; pages 1452-1464.
- “The Cancer-Leukemia Risk from FRC Guideline Radiation Based upon ICRP Publications; Complete Consistency with Gofman-Tamplin Estimates,” supplementary testimony to the JCAE, February 20, 1970; pages 1465-1475.
- “Allowable Occupational Exposures and Employee’s Compensation,” supplementary testimony to the JCAE, March 30, 1970; pages 1476-1481.
- “The History of Erroneous Handling of the Radiation Hazard Problem in Atomic Energy Development,” presented to a Congressional Seminar, April 7-8, 1970; pages 1482-1600. Nontechnical.
- “A Proposal for a Rational Future Protection Policy with Respect to Radioactivity and Other Forms of Pollution,” presented to a Congressional Seminar, April 7-8, 1970; pages 1501-1508. Non-technical.
- “Can We Survive the Peaceful Atom?,” presented at the University of Minnesota, “Earth Day,” April 22, 1970; pages [1509-1522](#). This non-technical presentation is available also in [Earth Day—The Beginning; A Guide for Survival](#), compiled and edited by the National Staff of Environmental Action. A Bantam Book 553 05822 125. New York: Arno Press, Inc., May 1970.
- “Plutonium and Public Health,” by Donald P. Geesaman, presented at the University of Colorado, April 19, 1970; pages [1523-1537](#).
- “Questions for Dr. Paul Tompkins,” (head of the Federal Radiation Council), June 29, 1970; pages [1538-1559](#).
- “A Proposal for a Five-Year Moratorium on Above-Ground Nuclear Power Plants,” testimony presented to the Pennsylvania State Senate, August 20, 1970; pages 1368-1382. Non-technical.
- “A Critique of the Use of Mouse Genetic Data in Estimation of the Hazard of Radiation to Humans (Both Somatic and Genetic),” November 12, 1970; pages 1617-1625.