

## Social Impact of Nuclear Power

### I-Critics of Nuclear Power

#### A. Within the AEC

1. Scientists who testified at the national hearings
2. ACRS correspondence and testimony before the Joint Committee on the urgent need for more safety research
3. Dr. John Gofman and Dr. Arthur Tamplin--  
Books--"Population Control Thru Nuclear Pollution"  
"Poisoned Power"  
Articles--"The Case Against Nuclear Power", By  
Dr. J. Gofman, Catalyst, Vol. II, No. 3.
4. Dr. Donald E. Geesaman, "Plutonium and the  
Energy Decision", Bull. of Atomic Scientists,  
Sept., 1971
5. Dr. Geo. Woodwell, Chief Ecologist at Brookhaven  
National Laboratory, "Toxic Substances and  
Ecological Systems", Scientific American,  
March, 1967.
6. R.F. Foster and J. J. Davis, "Bioaccumulation  
of Radionuclides in Aquatic Food Chains", (Hanford)  
Ecology, July 1958.

#### B. Outside the AEC

1. Union of Concerned Scientists
2. Louis Roddis, President of Consolidated Edison,  
--Critical of poor reliability of nuclear plants,  
the difficulties in maintenance, and lack of  
adequate engineering standards.
3. Environmental Groups
  - a. Consolidated National Intervenors--  
a coalition of 80 environmental groups  
and their attorney, Thomas Arnold, of Boston;  
Anthony Roisman, Washington, D.C.; Myron  
Cherry, Chicago.
  - b. Business for the Public Interest
  - c. Lake Michigan Federation
  - d. Citizens' Energy Council
  - e. Independent Phi Beta Kappa Environmental  
Study Group



#### 4. Medical Associations

- a. Lower Bucks County, Pennsylvania, Medical Assoc.
- b. San Jose, California, Medical Association
- c. Portland, Oregon, Medical Association
- d. Report of Committee on Environment of the Saginaw County Medical Association
- e. American Medical Association published article, in Today's Health entitled, "Do Nuclear Plants Make Deadly Neighbors?" by Dr. B. Commoner.

#### 5. Medical and Genetic Research Reports

- a. Dr. D. J. Mewissen, Pritzker School of Medicine, University of Chicago--Research on tritium
- b. Dr. Joshua Lederberg, Nobel Prize geneticist, Stanford University, "Government is Most Dangerous of Genetic Engineers", Washington Post, July 19, 1970.
- c. Dr. Linus Pauling,  
  
Bull. of Atomic Scientists,  
Sept., 1971.
- d. Dr. Irwin Oster, geneticist, Bowling Green University, "The Role of Exposure to Chemical Agents in Establishing Estimates of Radiation-Induced Risks in Man". (Hearing testimony)
- e. Researchers on relationship between radiation exposure and infant mortality and childhood leukemia--Dr. E. Sternglass, Dr. Morris H DeGroot, Dr. Alice Stewart, Dr. Brian Mac Mahon, Dr. L. B. Lave, Dr. Arthur Tamplin, et al summarized in Dr. D. Inglis' review--"Radiation and Infants", Bull. of At. Scientists, Dec., 1972.
- f. Dr. Norton Nelson, "Biological Effects of Radiation", from the proceedings of AEC Symposium on Biological Implications of the Nuclear Age, March, 1969.