



# A DECLARATION ON SUSTAINABLE DEVELOPMENT BY THE AMERICAN NUCLEAR SOCIETY

**Position Statement**  
**Issued June 1994**  
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The continued growth of the world population and the need to achieve an acceptable and equitable global quality of life is placing great pressures on the world's natural resources of energy, air, water, land and biota. We, the undersigned, are fully supportive of the concept of global sustainable development.

**We believe** that, as citizens, it is essential also to address the sustainable development of the world's resources from a global perspective in terms of energy supply.

**We believe** that all energy sources; nuclear, fossil, hydroelectric, solar, wind, and other, will be needed to meet the energy requirements for the increasing world population.

**We believe** that energy should be derived from a variety of sources depending upon the application and the location of the need; that the source should be selected on the basis of rational assessment of the use of resources, the effect on the environment, and the economic considerations.

**We believe** that such an assessment would lead naturally to the inclusion of nuclear power as part of the mix of energy supply sources.

**We believe** that the separation of fission product waste, and the recycle of remaining energy resources, from 'spent' nuclear fuel is an option that can be considered in reducing high-level waste and in managing resources.

**We believe** also that, beyond sustainable energy production, the use of radiation in medicine, manufacturing processes, agriculture, transport, scientific research, and food production, offers the ability to significantly improve the quality of life while reducing adverse effects on the environment and preserving valuable resources.

In consideration of the above, we will commit the resources of our Society to the promotion of research and development, the publication of relevant technical information, and the conduct of meetings that emphasize the role of nuclear technology in Sustainable Development.

**Footnote:** The beliefs stated herein have been declared by over 25 professional nuclear societies worldwide, and the commitment stated herein is based on those beliefs.

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The American Nuclear Society, founded in 1954, is a not-for-profit scientific and educational society of over 11,000 scientists, engineers, and educators from universities, government and private laboratories, and industry.

Position Statements are the considered opinions and judgments of the Society in matters related to nuclear science and technology. They are intended to provide an objective basis for weighing the facts in reaching decisions on important national issues.

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**Declaration on Sustainable Development    *Position Statement 37***

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