UNITED STATES
NUCLEAR WASTE TECHNICAL REVIEW BOARD
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For Immediate Release

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External Affairs

President Bush Appoints Dr. Edward J. Cording to Nuclear Waste Technical Review Board

On June 15, 1992, President George Bush appointed Dr. Edward J. Cording to the Nuclear Waste Technical Review Board. Dr. Cording, professor of civil engineering at the University of Illinois at Urbana-Champaign, is an expert in the area of geotechnical engineering and applied rock and soil mechanics. Board members are selected by the President from a list of nominees submitted by the National Academy of Sciences. As a member of the Board, Dr. Cording will participate in the evaluation of the Department of Energy's (DOE) program to manage the disposal of the nation's commercial spent nuclear fuel and defense high-level waste. As part of its waste management system, the DOE is planning to design and construct a mined underground facility to contain the radioactive waste. Scientists believe that such a facility will be able to isolate the waste from the accessible environment for thousands of years.

Dr. Cording, who has been a faculty member at the University of Illinois since 1967, has extensive experience in the area of underground construction. He has directed programs for monitoring and controlling ground movements during construction of large underground chambers in weak rock in Nevada, subway chambers and tunnels for the Washington D.C. Metro, a deep water supply tunnel in Utah, and a variety of urban tunnels and excavations adjacent to structures requiring protection. As a result of these investigations, he has developed criteria for assessing and limiting damage to structures adjacent to tunnels. In his capacity as a consultant to contractors, owners, and government agencies, he has worked on the design and construction of subway and other urban tunneling projects in most of the major cities in the United States. He has consulted on slope stability and tunnel projects in the mountains of the United States, Canada, Taiwan, Nepal, Brazil, Bolivia, Columbia, Argentina, and South Africa. Most recently, he served as a consultant to the Nuclear Waste Technical Review Board. He is serving on the disputes review board on several current tunnel projects and as a consultant on the design of large station chambers to be mined in soil on the Los Angeles subway. Prior to joining the faculty at the University of Illinois, Dr. Cording was a captain in the U.S. Army

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joining the faculty at the University of Illinois, Dr. Cording was a captain in the U.S. Army Corps of Engineers, serving at Waterways Experiment Station, Vicksburg, and in Vietnam as a soils engineer.

Dr. Cording is author or editor of more than 60 articles, books and papers on geotechnical engineering. He is recipient of the Hogentogler Award (1976) of the American Society for Testing and Materials and the Thomas A. Middlebrooks Award (1985) of the American Society of Civil Engineers for papers he has authored. He has chaired the U. S. National Committee on Tunneling Technology and has served in leadership positions in the International Society for Rock Mechanics. Among his professional affiliations, he is a fellow of the Geological Society of America and a member of the American Society of Civil Engineers.

Dr. Cording earned his bachelor of science degree in geology from Wheaton College, Illinois (1960), where he was elected to the Wheaton College Scholastic Honor Society. He earned his masters in civil engineering (1963) and a doctorate in civil engineering (1967) from the University of Illinois. He is a member of the Chi Epsilon, the civil engineering honor society.

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