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# NRC NEWS

## U.S. NUCLEAR REGULATORY COMMISSION

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### **DR. WILLIAM J. HINZE AND DR. JAMES H. CLARKE APPOINTED TO NRC'S ADVISORY COMMITTEE ON NUCLEAR WASTE**

The U.S. Nuclear Regulatory Commission has appointed Drs. William J. Hinze and James H. Clarke to its Advisory Committee on Nuclear Waste (ACNW). They will provide independent technical advice on activities, programs and issues related to regulating, managing and disposing of radioactive waste. Their appointments bring the committee to a full five-member complement.

Hinze is currently a professor emeritus at Purdue University. He has taught and done research on solid-earth geophysics at Michigan State and Purdue Universities for more than 40 years. He has been a graduate advisor to approximately 100 master's and doctorate students, and his research has been supported by a variety of governmental, industrial, and research organizations. He has had a major role in developing and applying geophysical techniques, particularly geopotential methods, to the exploration of the continental crust.

Additionally, Hinze served on the ACNW from 1989 to 1997 and has served as an advisor to such federal departments and agencies as NASA, the U.S. Geological Survey and the Department of Energy, as well as engineering, mining and petroleum organizations. He has also been senior editor of the *Journal of Geophysical Research-Solid Earth* and chairman of the board of journal editors of the American Geophysical Union.

Clarke is currently a professor of the Practice of Civil and Environmental Engineering and the director of Graduate Studies for Environmental Engineering at Vanderbilt University. His expertise and experience are in the environmental effects and transport of chemicals and radionuclides in the environment, risk assessment, hazardous and radioactive waste management, and the investigation and remediation of contaminated sites.

His research has focused on the long-term management of legacy hazardous and radioactive waste sites, and applying risk assessment to decision making at contaminated sites. He has provided assistance and independent peer review to the Department of Energy and the NRC in the investigation and remediation of subsurface contamination, risk-informed approaches to contaminated site remediation, and the management of high-level, hazardous and mixed waste.

Other Members of the Committee are:

Michael T. Ryan, independent consultant and faculty member, Charleston, S.C.;  
Allen G. Croff, consultant, former manager of Environmental Management Program Development,  
Oak Ridge National Laboratory; and Ruth F. Weiner, consultant, Sandia National Laboratory,  
Albuquerque, N.M.

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