

## US MFE National Picture

### **N. Anne Davies**

Associate Director for Fusion Energy Sciences  
Office of Science  
U.S. Department of Energy

### **Areas of Expertise**

Plasma Physics  
Solid state plasma physics; thin film technology

### **Education**

Ph.D., Engineering and Applied Science, Yale University, 1972  
M.Phil., Engineering and Applied Science, Yale University, 1969  
M.S., Physics, Yale University, 1966  
B.A., Physics, Vassar College, 1965

### **Professional Experience**

Associate Director for Fusion Energy Sciences, 1991 - Present  
Acting Associate Director for Fusion Energy, 1989 - 1991  
Deputy Associate Director for Fusion Energy, 1985-1989  
Director, Toroidal Confinement Systems Division, 1980-1985  
Chief, Tokamak Systems Branch, 1975-1980  
Physicist, Tokamak Systems Branch, 1974-1975  
Research Associate, Department of Physics, University of Texas, 1972-1974

After completing her doctorate in experimental plasma physics, Dr. Davies worked in the Center for Plasma Physics at the University of Texas, developing a CO<sub>2</sub> laser scattering system to be used as a diagnostic to study collisionless shock waves. From 1974 on, Dr. Davies has held a series of positions in the Office of Fusion Energy Sciences, with increasing levels of responsibility.

### **Professional Memberships**

American Physical Society  
Senior Executive Association  
Federal Executive Alumni Association

### **Awards**

Fellow, American Physical Society (2003)  
Meritorious Presidential Executive Rank Award (1999)  
DOE Secretary's Gold Medal Award (1997)  
Meritorious Presidential Executive Rank Award (1991)  
DOE's Meritorious Service Award (1984)