

## Walter W. Laity



### **RECENT ASSIGNMENTS: PACIFIC NORTHWEST NATIONAL LABORATORY**

#### **R&D Liaison, Capability Replacement Laboratory**

Dr. Laity serves as the “bridge” between the CRL Project and the R&D stakeholders in PNNL’s research directorates to ensure during all aspects of the design of the Physical Sciences Facility (PSF) that the new facility will meet the mission needs of the research capabilities approved for transfer from the Hanford 300 Area to the PSF.

### **PREVIOUS EXPERIENCE**

#### **Manager, Nuclear Safety & Technology Product Line**

Responsible for PNNL’s performance on all projects within the product line (~\$65M/year), for effective management of risks and hazards associated with project work, and for development of new business consistent with applicable market-sector strategies. Among the product line’s major projects are: 1) Battelle’s subcontract with Washington Group International to design the Plutonium Pit Disassembly and Conversion Facility (NNSA), 2) PNNL’s lead role on the Tritium Technology Program (NNSA), and 3) PNNL’s lead role on the Radioisotope-Powered Stirling Generator Program (DOE-IN).

#### **Manager, Tritium Target Qualification Project**

The project team provided the technical basis (via PNNL’s role as the tritium target “designer of record”) for the Secretary of Energy’s decision in December 1998 to meet the nation’s defense-related tritium needs through production of tritium in the Tennessee Valley Authority’s commercial light-water reactors.

### **RECENT PROFESSIONAL RECOGNITION**

- Tri-Cities Engineer of the Year (Kennewick, Pasco, and Richland, WA), February 2001
- Academy of Distinguished Engineers Award, Oregon State University, October 1998

### **RECENT PROFESSIONAL ACTIVITIES**

- American Society of Mechanical Engineers (ASME) Vice President, Engineering Education, and Chair, ASME Board on Engineering Education (2003 - 06)
- Participant, White House Critical Infrastructure Protection Priorities Workshop (Sept. 02)
- Member, ASME Joint Council Task Force on Risk Communication (which prepared an ASME position paper titled “The Role of Risk Analysis in Decision Making,” approved by the ASME Board of Governors in March 2002)
- Registered Professional Engineer, Oregon, No. 7440
- Member, Board of Directors, Accreditation Board for Engineering and Technology (1999-2002)

### **EDUCATION**

Ph.D., Mechanical Engineering, Oregon State University (1977)