

## NuScale Customer Forum draws 80 to view test facilities

CORVALLIS, Ore. (May 12, 2010) – Attendees of the 2010 NuScale Power Customer Forum Tuesday heard company officials, constructors and suppliers express confidence that they can build an safe, economical, modular, scalable nuclear reactor for the 21<sup>st</sup> century.

In a conference center in the shadow of the Oregon State University football stadium, the mood was clearly one of confidence that NuScale Power has come up with a winning design that can be licensed and on line this decade.

“The integral test facility supports the technology we’ve developed and establishes the safety case for licensing,” asserted NuScale CEO Dr. Paul Lorenzini. “Relying on simplicity of design, factory manufacturing and multiple domestic suppliers, this plant will dramatically reduce financing risk and hit a price point many thought unlikely.”

Dr. Jose Reyes, chief technology officer, spoke of the proposed plant’s proven technology, simplicity of design, tested operating and safety features and high plant capacity factor (annual generating level) – all serving to reduce cost and financial risk.

Attendees were able to compare the code validation test facilities for the NuScale reactor and the much larger Westinghouse AP600 and AP1000 reactors. Both test facilities are operated by nuclear engineers on the OSU campus. The NuScale version was visibly simpler with far fewer pipes and components.

A 45-megawatt NuScale module comprises a reactor pressure vessel holding the nuclear core, a helical coil steam generator and a pressurizer. The pressure vessel is encapsulated in a steel containment vessel only 65 feet long and 14 feet in diameter. Reyes called it “a stainless steel thermos bottle sitting under water and underground.”

One NuScale plant accommodates up to twelve 45 megawatt reactor modules that can be taken out of service sequentially for refueling and maintenance, making plant shut downs unnecessary. Each module powers its own turbine, thereby eliminating the “single shaft risk” of larger plants with one reactor powering a single generator.

Lorenzini stressed that NuScale’s approach was “not just a better way to generate power, it’s a way to create American jobs.” This point was echoed by constructors and suppliers making presentations. They included Kiewit Power, Curtis Wright, General Dynamics Electric Boat, Precision Custom Components, Oregon Iron Works, Kone Cranes and GSE Power Systems.