



PRESS RELEASE

Structure Vision Release NuDose Tool for Dose Uptake Simulation

Leeds, Yorkshire - March 30th 2012 - Structure Vision Ltd, a leading provider of engineering software for the Particle Analysis and Nuclear Decommissioning markets, today announced the first customer release of their NuDose™ software plugin for NuPlant™. The NuPlant™ software allows the user to visualise the various stages in the dismantling process for a complex decommissioning project. It uses Structure Vision's unique expertise in the cutting and packing of objects to optimise the way in which the various components of the facility are packed for storage. In addition, the NuPlant software has a comprehensive reporting system to ensure compliance with regulatory requirements for documentation.

The NuPlant™ technology is designed to address the needs of site licensing companies, decommissioning contractors, new build operators and reactor vendors by providing a detailed and accurate analysis of the decommissioning requirements of a complete nuclear facility. Using NuPlant™ could achieve significant cost and time savings by accurately estimating decommissioning liabilities across the complete project lifecycle, optimising Nuclear waste cutting and packing operations and reducing planning time, storage and transportation costs.

NuDose™ extends the capabilities of the NuPlant™ software by calculating dose uptake or gamma flux from radioactive sources. It uses a voxel based Monte-Carlo method to compute photon tracks through objects defined in the NuPlant environment. These can be Nuclear facilities, or containers packed with radioactive waste. NuDose™ has been validated against commonly used Monte-Carlo radiation transport codes.

"NuDose adds an extra dimension to the capabilities of NuPlant" said Dr David Knight, Managing Director of Structure Vision. "It allows users to determine the dose uptake from radioactive sources defined precisely within the NuPlant™ environment. It can be used to help build safety cases, determine shielding requirements, or compare the effects of different waste blends or containers".

About Structure Vision Ltd

Structure Vision Ltd (SVL) is a leading provider of Advanced Engineering Software for the Particle Analysis and Nuclear Decommissioning Markets. SVL has unique expertise in the understanding of how objects and particles of arbitrary shapes pack together in confined spaces, formed after years of

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