

**2009 RELAP5 International User's Seminar**  
**August 11-13, 2009**

Streamlined Electronic Process for Generating RELAP5-3D Model Input

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**ABSTRACT**

A PowerPoint presentation, titled "Streamlined Electronic Process for Generating RELAP5-3D Model Input", has been developed for the 2009 RELAP5 International User's Seminar. The topic will cover a process developed to streamline the generation and manipulation of RELAP5-3D model input produced from three-dimensional CAD models. Dimension values/measurements from Pro/Engineer are electronically transmitted to Mathcad and subsequently transmitted from Mathcad to the Symbolic Nuclear Analysis Package (SNAP), which is used to generate the RELAP5-3D model. Software products/applications, in addition to process capabilities and limitations will be covered in the presentation.