

2008 Research Application Plan

Program 41.09-1 - Risk/Safety Management Project P41.09.01.03 - Advanced Probabilistic Risk Assessment Methods-Supplemental

Declarative Modeling

Delivery Date: 12/31/2008

Deliverable Type: Software Product ID#: 052047 Intended End Users: Plant Engineering Staff

Description/Impact:

The Declarative Modeling software functions as an add-in to the existing PRA client software. This add-in allows for assignment of attributes to the existing PRA model that adds a new dimension to the model facilitating the modeling of more complex issues.

Delivered Through: Workshop or Training Course

Application Instructions:

Training will be provided during the normal cycle of PRA client software training (R&R workstation) offered several times a year.

The Declarative Modeling software code runs on Windows (2000, XP or later) operating systems. It is a module of the Risk and Reliability Workstation. Pentium III-class 1GHz CPU (or equivalent) is recommended. Memory should be at least 128 MB RAM as a practical minimum to achieve reasonable run time. 512 MB RAM is recommended. 100 MB of disk space is a practical minimum. At least 2 GB is recommended

Contacts:

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