CAEPIPE Version 5.12 April 20, 2005

Enhancements

- Printing the GUIDE forces in GLOBAL co-ordinate system in "Print to file" option.

- Printing support load summary in "Print to file" option.

- Issue a warning message when t/T ratio for a WRC-297 nozzle input is less than 1.0 as per WRC-297 Bulletin.

- CTRL+ENTER combination for duplicating the last row is included also for Beam Element in addition to PIPE and JPIPE.

- Renumbering element node numbers in a portion of a piping system will also renumber all those nodes of this portion that appears as "connected to" nodes in the remaining portions of the piping system.

- The Analysis option "Include Hanger Stiffness" is now applicable only for Variable Spring Hangers and User Hangers and not for Rod Hangers. For Rod Hangers, the "Include Hanger Stiffness" is always turned ON internally.

- Freezing / Unfreezing the view. This feature can be enabled/disabled by pressing the function key F8 after navigating to the graphics window. The same feature is also available in two more places in the graphics window. i.e, Graphics Window->View->Freeze/Unfreeze View (Toggle) and Graphics Window->Mouse Right Click->Freeze/Unfreeze View (Toggle). The details on this implementation are listed below.

    1. The option "Freeze View" disables the dynamic updating of view (i.e., view remains unchanged) when the user scrolls the Layout window.

    2. User can still perform the Zoom, Pan, Rotate, etc., with the frozen view. The new view thus obtained after performing such operation becomes a new frozen view.

    3. The addition of new element in the layout window will update the graphics and can be seen immediately, if the new element added is available within the display region shown in the graphics window.

    4. The dynamic update of view can be enabled by pressing F8 again or by selecting the Graphics Window->view->Unfreeze View.

Bug Corrections

- Sometimes Limit Stops are not rendered properly.

- If the piping code = none, the selection of Modal Analysis without selecting the Static Analysis gives an assertion failure during Analysis.

- Unchecking any box on "Show Nodes" option dialog removes the node numbers on those Limit Stops, Hangers, Guides, etc., which are defined using "Location" card.