

Status Report on  
**PREPRO, TART** and **POINT**

by

Dermott (Red) Cullen

# Dermott (Red) Cullen has now retired from Lawrence Livermore National Lab

- But he is continuing with his work
- His new contact information is
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# Red continues to independently support

- **PREPRO** = ENDF/B Pre-Processing codes
  - Presently PREPRO2007
  - Available Internationally FREE on-line
  - <http://www-nds.iaea.org/ndspub/endl/prepro/>
- **TART** = Neutron/Photon Monte Carlo Transport
  - Presently TART 2005
  - Available Internationally through Code centers
- **POINT** = Current ENDF/B Data processed to Pointwise
  - Presently POINT 2007 = ENDF/B-VII.0
  - Available Internationally FREE on-line
  - <http://www-nds.iaea.org/point2007/>

# Current Status (November 2008)

- **PREPRO** – Updates are available to anyone
  - This includes updates for ENDF/B-VII
- **TART** – Updates are available to Livermore Users
  - This includes the entire ENDF/B-VII Library
- **Currently Only PC Executables are Available**
  - Contact Red Cullen for details
- **POINT 2007** – is still the Current ENDF/B Data
  - No planned updates until 2009

# Future Plans (2009)

- Code and Data Releases are planned
  - for 2009 – this includes
- **PREPRO 2009**
  - Including improvements to existing codes
    - LINEAR, RECENT, SIGMA1, etc.
  - and new codes
    - Spectra – tabulated MF=5, 6, 7 data
    - Shield – self-shield homogenized geometry data
- **POINT 2009**
  - For Planned release of ENDF/B-VII.1
- **TART 2009**
  - Wait and be surprised by NEW Capabilities