

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.at/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