

RELAP5-3D Software Licensing Updates

Arthur L. Baker

Sr. Commercialization Manager
Technology Deployment

April 19, 2018

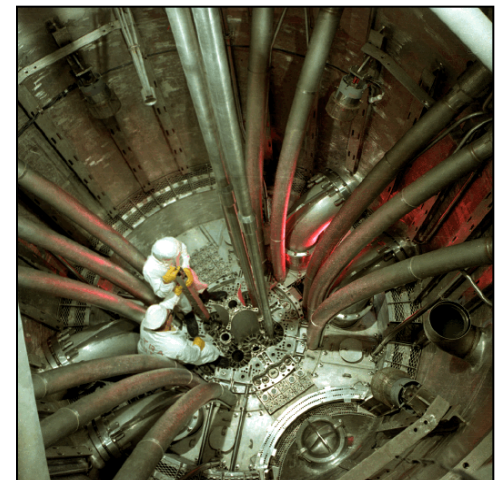
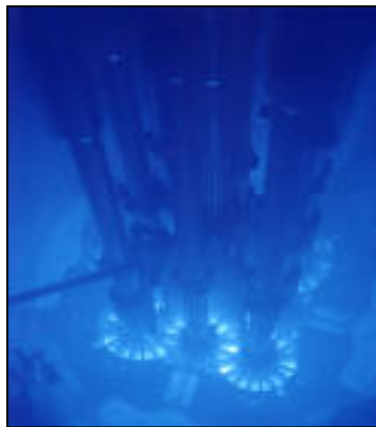
International RELAP Users Group
Idaho Falls, Idaho

www.inl.gov



Benefits of IRUG Membership

- Access to an internationally recognized tool for safety and engineering analyses of nuclear power reactors and pressure vessels
- Provides a control point for RELAP5-3D maintenance and software development.
- Training classes offered in conjunction with annual meeting
- On-site training is also available at licensees facilities
- Cost sharing mechanism for code improvements



Currently Active Licenses April 16, 2019

	Domestic	International	Totals
Universities	24	26	50
Commercial	14	15	29
Government Use	17	1	18
Sub-Total	55	42	97

Total Licensees **97**

Current RELAP5-3D License Fees

	Domestic Users	International Users
Full Membership Regular	\$30,000	\$58,000
Full Membership Super User	\$67,000	\$83,000
Multi User Participant	\$10,000	\$18,000
Single User Participant	\$7,000	\$13,000

RELAP5-3D License Fees Effective June 1, 2018

	Domestic Users	International Users
Full Membership Regular	\$30,000	\$58,000
Full Membership Super User	\$67,000	\$83,000
Multi User Participant	\$10,000	\$18,000
Single User Participant	\$7,000	\$13,000

Export Control Reminder

- DOE determination: RELAP5-3D falls under 10 CFR 810 restrictions.
- BEA, licensees, sub-licensees and users all have responsibilities for export and deemed export compliance.
- Update “Program Participant Data Sheet” information for new users
- All users must be approved by DOE and/or BEA.

Our Checklist:

- ✓ **Legal name of licensee**
- ✓ **Full names and citizenship of end users and contacts**
- ✓ **Full addresses and phone number**
- ✓ **Assurance letters**
- ✓ **End use of the code**
- ✓ **IRUG membership level requested**

Accomplishment Since 2016

Continuous Improvement

- RELAP5-3D Version 4.5 will be released in 2020
- Two “Gateway for Accelerated Innovation in Nuclear” (GAIN) licenses signed
- Expanded distribution of RELAP5-3D to non-nuclear markets
- Expanded into new international markets
- Coupled with RAVEN and PHISICS
- Website <https://relap53d.inl.gov/>

Licensing Contacts:

Arthur L. Baker, Sr. Commercialization
Manager

Phone: 208-526-1872

E-mail: arthur.baker2@inl.gov

