

# ***RELAP5-3D Software Licensing Updates***

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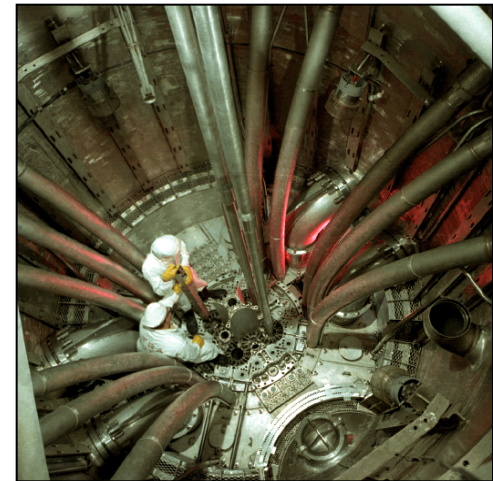
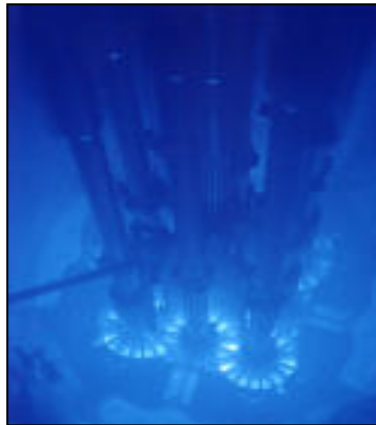
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International RELAP Users Group

Idaho Falls, Idaho

## ***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 improvements.
- Training classes offered in conjunction with annual meeting
- Cost sharing mechanism for code improvements



# Currently Active Licenses

	Domestic	International	Totals
Universities	26	22	<b>48</b>
Commercial	12	19	<b>31</b>
Government Use	11	2	<b>13</b>
Sub-Total	<b>49</b>	<b>43</b>	<b>92</b>

Total Licensees 92

## ***Current RELAP5-3D License Fees***

	Domestic Users	International Users
Full Membership Regular	\$28,500	\$54,500
Full Membership Super User	\$63,500	\$79,000
Multi User Participant	\$9,500	\$17,000
Single User Participant	\$6,500	\$12,000

## ***NO Membership Fee Increase***

- IRUG membership fees will not increase in 2017.
- Continued growth in IRUG membership helps to absorb increased development and maintenance costs.
- Universities, both domestic and international, will continue to receive RELAP5-3D for free if used for educational purposes.

## *Export Control Reminder*

- DOE determination: RELAP5-3D falls under 10 CFR 810 restrictions.
- BEA and Licensees both have responsibilities for compliance.
- Standardized “Program Participant Form”
- Any new non-US user must be approved by DOE NA-242.

### **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**

## Goals for 2017

- Invitations to join IRUG were sent in Sept. to every US university and college with a nuclear program

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## Continuous Improvement

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- Expand distribution of RELAP5-3D in non-nuclear markets
- Expand into international markets
- Continue to offer training prior to IRUG business meetings
- System “robustness” will be the focus of improvements in 2017

## *Summary*

- No increase in annual membership fees
- Continuous annual growth in IRUG membership since 2010
- Automated notifications sent electronically to licensees
- RELAP5-3D improvements will focus on “robustness”
- Administrative staff has been added to support our program



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